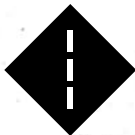


# WHAT SURLY MEANS

**The Frame:** At Surly we believe that the frame is the number one contributing factor to ride quality. So that's the basket we put most of our eggs in. We're not saying that fancy shifters and brakes aren't great (we occasionally use them on our completes), we're just saying that if your looking for a bike with the newest gadgets and gizmos mounted upon it, you'll likely be happier looking elsewhere. If you're looking for a frame that will be kick ass to ride, day in and day out for a long long time, then a Surly is where it's at. Our enginerds spend their time making sure our framesets are the best ride out there; bar none. If you're in it for the ride, then you're in the right place.

**The Steel:** At Surly we believe that steel is, hands down, the best material for a bicycle. It's the perfect blend of durability, comfort and performance; there is no other material out there that rides like steel. Nowhere. Now a lot of folks think that a steel bike means that it was built with generic off the shelf tubing (or in some cases NAME BRAND™ off the shelf tubing). At Surly that's just not the case. We custom butt our tubes for strength and durability and our enginerds tune each tubeset to the specific frame and size so each Surly frame has the same amazing ride. We do it because we ride, we know the difference, and we expect no less from our riders out there. Ride a Surly and feel the difference.



# WEDNESDAY

SPECS Pg. 86-87

- OmniTerra bikes have come a long way since we conceived of the Pugsley. Wednesday is an updated design that makes use of the new component technology that has been introduced since Pugsley came on the scene and gives you a frame that still rides like a Surly
- ED coated Surly 4130 CroMoly Steel 'Natch tubing is designed and made for every frameset and tuned for each frame size. We make bikes out of steel because steel is durable, repairable and just plain feels good
- The ride of Wednesday is similar to the Krampus. Wednesday sits in the middle of our ride-anywhere Pugsley and the modern trail Geometry of the Ice Cream Truck. It will get you rad on any road or any trail, or any patch of ground you find that you also want to ride a bike over
- Our new Wednesday dropout gives you options aplenty. Thru-axles, singlespeeds, gears, standard 10mm axles are all possible with the Wednesday dropouts. Take your pick and use what you like... it's a Surly
- We wanted Wednesday to give you a lot of options in the tire clearance category. In the full-forward, short chainstay position you can run 26 x 3.8" tires on 82mm rims and in the full-rearward, longer chainstay position you get the option of 26 x 4.6" tires on an 82mm rim
- Wednesday was conceived of as a trail bike that can do anything. Parts pick is a durable mix of stuff that won't wreck the bank and won't break if you wreck
- Wednesday was meant to be a bike you can do anything with, so we gave it a bunch of braze-ons. Surly Trip Guide full line guides for brake and derailleurs keep things working smoothly no matter the slop. Triple water bottle boss on the down tube; two sets of bosses on the XS-M frames, three sets of bosses on L-XL as well as the fork give you versatility for all different types of situations plus internal dropper post routing to keep the lines clean
- Wednesday is that kind of bike you will want to ride everywhere and do everything with. For this reason we gave it fender and rack eyelets front and rear. It can be your around town beast of burden or a bushwhacking sled that never touches the pavement



# MOONLANDER

SPECS Pg. 88-89



First we made the Pugsley, then we realized even fatter tires would give you more float and more traction. Moonlander was our first foray into a 5" tired frame because float and traction are two things that are good to have



Surly 4130 CroMoly Steel 'Natch tubing is designed and made for every frameset and tuned for each frame size. We make bikes out of steel because steel is durable, repairable and just plain feels good



Moonlander geometry was meant to yield a neutral handling bike. The kind of bike you can sit on and just pedal through anything while maintaining good control at slower speeds. You'll stay upright and on top of the softest stuff mile after mile



Moonlander gets our standard 135mm spaced 10mm track-ends with a derailleur hanger so you can run gears or a singlespeed drivetrain and not have to worry about finding some expensive proprietary fat bike hub



When we started designing the Moonlander, we wanted to fit the biggest tire/rim combo we possibly could so tire clearance is about as big as you can get, fitting 26 x 4.8" tires on 100mm rims



The intent with the Moonlander was to make a solid bike you can ride anywhere so parts pick follows suit with simple, durable parts that you'll be able to rely on for a long time to come



We wanted to make sure you'd be able to carry plenty of stuff on a bike that's designed for riding virtually anywhere so we gave it dual water bottle mounts on the frame and triple water bosses on both fork legs. Surly Trip Guide full line guides for brake and derailleurs keep things working smoothly no matter the weather or trail slop



The Moonlander will carry you through just about anything with so much capability, there is great prospect for calamity, we gave it the full rack and fender treatment front and rear so getting lost in the woods becomes a pleasant experience



OMNITERRA

# ICE CREAM TRUCK

SPECS Pg. 90-91



OmniTerra bikes changed how and where people ride. We made the Ice Cream Truck because we wanted an updated, trail-rated frame that can take you through any type of terrain or any type of trail



We wanted the Ice Cream Truck to be a kick ass trail bike, that is why it is home to the most advanced set of tubes we have ever used for a frame. ED coated double-buttet, trumpet down and toptube, custom drawn seat tube along with butted seat and chain stays all add up to make a frame that is strong enough for downhill runs as long as you can hold on



Ice Cream Truck uses a modern trail geometry with a long toptube, designed for use with a short stem for snappy handling while short stays for an OmniTerra sized tire keep things agile. The whole point here was to create a trail approved geometry on a bike that needs no trail



Our Modular Dropout System (MDS) gives you the option to run 10 x 190mm or 12 x 197mm thru-axle drivetrains. We created the MDS to give you options and versatility and the Ice Cream Truck has it in spades



The Ice Cream Truck had to be able to give you all the tire you could find. ICT will fit 4.8" tires on 100mm rims for all the float and traction to be found under the sun



Spec on the Ice Cream Truck is much the same as the frame. It needs to be able to take the hits of trail abuse



You don't need to carry everything you own every time you ride your bike so mounts on the Ice Cream Truck are sparse but there's more than enough to keep you going when the going gets tough



Our #4 Slotted Thru-Axle and 10mm QR chips have eyelets. If you're looking for eyelets, get one of those and you've got a chance for some rack time goodness



# ICE CREAM TRUCK OPS

SPECS Pg. 92-93

-  The Ice Cream Truck needed to be stiff and symmetrical for the best trail ride we could possibly provide. Ice Cream Truck Ops uses the same frame as our standard Ice Cream Truck so you'll get that trail-rated ride with the feel of steel
-  The Ice Cream Truck Ops uses the same ED coated, advanced set of tubes we gave our Ice Cream Truck: a double-buttet, trumpet down and toptube, custom drawn seat tube along with butted seat and chain stays that'll hold up as long as you can hold on
-  Ice Cream Truck Ops uses a modern trail geometry with a long toptube, designed for use with a short stem for snappy handling while short stays for an OmniTerra sized tire keep things agile. The whole point here was to create a trail ready geometry on a bike that needs no trail
-  Our Modular Dropout System (MDS) gives you the option to run 10 x 190mm or 12 x 197mm thru-axle or even singlespeed drivetrains. We created the MDS to give you options and versatility and the Ice Cream Truck has it in spades
-  Ice Cream Truck Ops have the same giant tire clearance as our standard Ice Cream Truck frame for the same reason; giant tires kick ass. You can slap 26 x 4.8" tires on 100mm rims on this frame and it's spec'd with 26 x 3.8" tires on 82mm rims
-  The idea behind our "Ops" spec is to give a good frame a different character while still keeping the same idea of durability and versatility in mind. For the Ops we chose a kit that won't break the bank but still is trail serviceable and will keep you rolling mile after mile
-  51mm I.S. disc brake mounts and dual water bottle mounts (L-XXL), single water bottle mount (XS-MD), so you don't get thirsty. Surly Trip Guide full line guides for brake and derailleurs keep things working smoothly no matter the weather or trail conditions
-  Rack and fender mounts are sparse on our trail bikes, because trail bikes aren't really the best option for touring, but our #4 Slotted Thru-Axle and 10mm MDS chips have eyelets. If you're running a 10 x 190mm axle, you've got a chance for some rack time goodness



# PUGSLEY

SPECS Pg. 94-95

-  Back in the day, we dreamed of riding places that bikes had yet to be ridden; snow, sand, anywhere we could think of. Pugsley is the realization of that dream
-  ED coated Surly 4130 CroMoly Steel 'Natch tubing. Designed and made for every frameset and tuned for each frame size, 'Natch tubing is durable, repairable and just plain feels good. It'll give you that special feeling every time you take it out for a ride
-  Pugsley geometry is designed to give a neutral, stable ride. It shoots straight down the middle to provide a ride that is comfortable over any type of terrain. A true go anywhere, do anything machine
-  Pugsley uses our standard 10 x 135mm horizontal dropout with a derailleur hanger with a 17.5mm offset. It gives you the option to run gears or singlespeed drivetrain, which is good on a true adventure bike like this and with traditionally spaced dropouts you don't have to worry about finding some proprietary hub. Any old thing will do
-  Pugsley has room for 26 x 3.8" tires running on a 82mm rim. This is the original Surly OmniTerra bike and while it runs a little narrower than some of our other models, it's got plenty of tire to get you anywhere you want to go, trail or no
-  Pugsley is a true utilitarian machine that uses parts that are easy to find and not proprietary. There's not a lot to worry about here. Spec is inexpensive and durable for a trouble free ride over any terrain
-  51mm I.S. disc brake mounts and dual water bottle mounts so you don't get thirsty. Surly Trip Guide full line guides for brake and derailleurs keep things working smoothly no matter the weather or trail conditions
-  Pugsley comes with a full compliment of rack and fender mounts. It's a bike that will take you places where no one will be waiting with food, water and a blue ribbon. You'll want to bring those along with you. Don't forget the blue ribbon, cuz everyone's a winner



## PUG OPS

SPECS Pg. 96-97



Ops models are designed to give a frame a different character using a different spec. Pug Ops takes the same sweet Pugsley frame and changes up the spec for a different ride experience



ED coated Surly 4130 CroMoly Steel 'Natch tubing. Designed and made for every frameset and tuned for each frame size, 'Natch tubing is durable, repairable and just plain feels good. It'll give you that special feeling every time you take it out for a ride



Geometry is designed to give a neutral, and stable ride. It shoots straight down the middle to provide a ride that is comfortable over any type of terrain. A true go anywhere, do anything machine



When we came up with the Pugsley, there was no such thing as 170mm hubs or any sort of proprietary fat bike anything. Thus Pugsley uses our standard 10 x 135mm horizontal dropout with a derailleur hanger and a 17.5mm offset. It gives you the option to run gears or singlespeed drivetrain, which is good on a true adventure bike like this. With traditionally spaced dropouts you don't have to worry about finding some proprietary hub. Any old thing will do



With room for 26 x 3.8" tires running on a 82mm rim, this is the original Surly OmniTerra platform. While it runs a little narrower than some of our other models, it's got plenty of tire to get you anywhere you want to go, trail or no



A true utilitarian machine that uses parts that are easy to find and not proprietary. Pug Ops uses simple parts that won't let you down when you venture places you were told never to tread



51mm I.S. disc brake mounts and dual water bottle mounts so you don't get thirsty. Surly Trip Guide full line guides for brake and derailleurs keep things working smoothly no matter the weather or trail conditions



Pug Ops comes with a full compliment of rack and fender mounts. It's a bike built for any type of riding on any type of terrain, which can obviously include snow covered commutes to the store or the muddiest of trails. If the bike is upright and moving forward with a person on it, that's riding. And Pug Ops can swing that



## PUG SS

SPECS Pg. 98-99



The Pugsley will get you places that can be harsh on drivetrains. Singlespeed drivetrains are easy to maintain and trouble free. Coupled together, Pugsley SS will keep its wheels turning as long as you can push the pedals



ED coated Surly 4130 CroMoly Steel 'Natch tubing. Designed and made for every frameset and tuned for each frame size, 'Natch tubing is durable, repairable and just plain feels good. It'll give you that special feeling every time you take it out for a ride



Pugsley geometry is designed to give a neutral, and stable ride. It shoots straight down the middle to provide a ride that is comfortable over any type of terrain. A true go anywhere, do anything machine



Pugsley uses our standard 10 x 135mm horizontal dropout with a derailleur hanger with a 17.5mm offset. It gives you the option to run gears or singlespeed drivetrain, which is good on a true adventure bike like this. With traditionally spaced dropouts you don't have to worry about finding some proprietary hub. Any old thing will do



When we originally thought of the Pugsley we were thinking about a bike that could go anywhere possible. Maybe it's obvious but we figured that would take some big tires. Pugsley can fit 26 x 3.8" tires. Those are some big tires



Pugsley is a go anywhere machine that uses parts that are easy to find and not proprietary fat bike stuff. There's not a lot to worry about with the Pug; spec is inexpensive and durable for a trouble free ride over any terrain



51mm I.S. disc brake mounts and dual water bottle mounts so you don't get thirsty. Surly Trip Guide full line guides for brake and derailleurs keep things working smoothly no matter the weather or trail conditions. Triple water bottle bosses on the fork legs offer plenty of options for carrying stuff



Pugsley SS comes with a full compliment of rack and fender mounts. It's a bike built for any type of riding on any type of terrain so bring the kitchen sink if you think you'll need it out there



OMNITERRA

# STRAGGLER

SPECS Pg. 100-101

-  The idea with Straggler was all-encompassing versatility. Big tire clearance and a nice parts pick work to make a bike that will do anything you ask of it with aplomb
-  ED coated Surly 4130 CroMoly Steel 'Natch tubing. Designed and made for every frameset and tuned for each frame size, it'll give you that special feeling every time you take it out for a ride
-  Straggler geometry shares in the cross bike roots of the Cross-Check. It yields a frame that can seriously move over every type of terrain. Whether you're on pavement or dirt this bike will keep you going with confidence and speed... if you're into that sort of thing
-  Straggler required its very own vertically exiting horizontal dropouts. This dropout design gives you the option to run a singlespeed or geared drivetrains with integrated tensioners. They work like gangbusters and look oh so pretty
-  700c x 41mm with room for fenders. We hate to harp, but big tires are just better. They smooth out the bumps in the road, keep you comfy and give you more traction and control. What's not to like?
-  Spec on the Straggler ups the performance over the Cross-Check while still keeping the same Surly sensibility. SRAM Apex parts and Hayes cable disc brakes all get the job done in style, Lyle
-  51mm I.S. disc brake mounts and dual water bottle mounts so you don't get thirsty. Full line guides for brakes keep things working smoothly no matter the weather or trail conditions
-  Straggler has the same versatility all of our other pavement bikes bring. Rack and fender mounts front and rear give you plenty of options to stay dry and carry lots of stuff



PAVEMENT

# STRAGGLER 650b

SPECS Pg. 102-103

-  The idea with Straggler 650b was to give people the same versatility of the larger wheeled Straggler, but with the myriad benefits a 650b wheel affords. The 650b wheel size gives smaller people an option for a versatile frame they may have had an otherwise difficult time finding and big people get a stiffer frame with a shorter wheelbase
-  ED coated Surly 4130 CroMoly Steel 'Natch tubing. Designed and made for every frameset and tuned for each frame size, it'll give you that special feeling every time you take it out for a ride
-  Straggler geometry shares in the cross bike roots of the Cross-Check. The changes we made to make 650b wheels fit, change the characteristics of this bike in a way that yields a stiffer frame over the 700c version. Whether you're on pavement or dirt, this bike will keep you going with confidence and speed... if you're into that sort of thing
-  Straggler 650b gets the same vertically exiting horizontal dropouts of its larger wheeled broham, giving you the option to run singlespeed or geared drivetrains with integrated tensioners
-  650b x 41mm with room for fenders. Again with the big tires.... We can't help it. They're just better. They smooth out the bumps in the road, keep you comfy and give you more traction and control. What do you have against traction and control anyway?
-  Spec on the Straggler 650b gives you the same performance as the 700c Straggler. SRAM Apex parts are durable with just a hint of danger and excitement and Hayes cable disc brakes will trim velocity without the hassle of hydraulic systems
-  51mm I.S. disc brake mounts and dual water bottle mounts. Full line guides for brakes keep things working smoothly no matter what sort of garbage you run through
-  The Straggler 650b has the same versatility all of our other pavement bikes bring. Rack and fender mounts front and rear give you plenty of options to stay dry and carry lots of stuff



 PAVEMENT

# CROSS-CHECK

SPECS Pg. 104-105



While the merits of Cyclocross racing are debatable, cross bikes are pretty alright. They're versatile bikes and they can haul ass if you want to go fast. Cross-Check is our take on that, with a few little extras to up the ante on versatility and utility



Surly 4130 CroMoly Steel 'Natch tubing. Designed and made for every frameset and tuned for each frame size, 'Natch tubing is durable, repairable and just plain feels good. It'll give you that special feeling every time you take it out for a ride



The Cross-Check was meant to be a cross bike. Its geometry holds to those conventions with a taller bottom bracket, shorter stays and a longer toptube. It's a neutral handling frame that feels fast on any type of terrain be it dirt or pavement the Cross-Check will get you where you need to go



Semi-horizontal dropouts give you singlespeed compatibility and wheelbase adjustability. Adjuster screws are included to keep your wheel in the right place for optimal shifting if you go with derailleurs. Our Gnot-rite spacing (132.5mm) allows you to run 130mm road hubs and 135mm MTB hubs. Again, all in the name of versatility and utility



700c x 41mm with room for fenders. We hate to beat a dead horse here, but big tires are just better. It's one thing all of our frames have in common. They fit big ass tires because big ass tires work better



Spec on the Cross-Check is nothing fancy. This is on purpose. It's the bike in our line that uses parts that are durable instead of fancy, and if you do manage to break something you won't break the bank replacing them



Bosses front and rear to take cantilever or linear-pull brakes, eyelets at the dropouts and braze-ons for downtube shifters/cable guides. It also has a couple water bottle mounts. What bike doesn't have a couple water bottle mounts? It's all about versatility in function and build options. Cross-Check has everything you need to be whatever you want



Rack and fender mounts front and rear are standard issue on the Cross-Check because things like racks and fenders make bikes supremely useful. That's what we were shooting for with the Cross-Check; useful



PAVEMENT

# CROSS-CHECK SS

SPECS

Pg. 106-107



We wanted to offer a simple, versatile bike that can be counted on for years and years. Cross-Check SS is the bike that fills this niche. It's a Cross-Check. It's a singlespeed. It can never die



Surly 4130 CroMoly Steel 'Natch tubing. Designed and made for every frameset and tuned for each frame size, 'Natch tubing is durable, repairable and just plain feels good. It'll give you that special feeling every time you take it out for a ride



The Cross-Check was meant to be a cross bike. Its geometry holds to those conventions with a taller bottom bracket, shorter stays and a longer toptube. It's a neutral handling frame that feels fast on any type of terrain be it dirt or pavement the Cross-Check will get you where you need to go



Semi-horizontal dropouts give you singlespeed compatibility and wheelbase adjustability. Adjuster screws are included to keep your wheel in the right place for optimal shifting if you go with derailleurs. Our Gnot-rite spacing (132.5mm) allows you to run 130mm road hubs and 135mm MTB hubs. Again, all in the name of versatility and utility



700c x 41mm with room for fenders. Cross-Check SS comes with our 700c x 41mm Knards so you can handle a commute to work or a weekend in the woods



Spec on the Cross-Check SS is nothing fancy. This is on purpose. For this bike we favor durability over fancy and expensive. It uses a basic singlespeed drivetrain so even less can go wrong



Bosses front and rear to take cantilever or linear-pull brakes, eyelets at the dropouts and braze-ons for downtube shifters/cable guides. It's all about versatility in function and build options. Cross-Check SS has a little bit for everyone, even if you decide later to run gears, you'll have that option with the Cross-Check SS frame



Rack and fender mounts front and rear are standard issue on the Cross-Check because things like racks and fenders make useful bikes like this even more useful



PAVEMENT

# PACER

## SPECS

Pg. 108-109



Carbon fiber is narcissistic and nihilistic. Steel road bikes look great, feel great, ride like a dream all day long and are noticeably absent from modern road cycling. This is our interpretation of one of bicycling's most attractive forms



Surly 4130 CroMoly steel 'Natch tubing. Designed and made for every frameset and tuned for each frame size, 'Natch tubing is durable, repairable and just plain feels good. It'll give you that special feeling every time you take it out for a ride



All day road geometry means you'll be sitting pretty whether you go for a couple hours or load up for a couple of days. Thou shalt smash the big K's and feel like you never left your Lazy Boy



Breezer style dropouts with one eyelet add yet another touch of class to an already classy steel road bike and create a solid joint between dropout and stays



700c x 32mm with room for fenders. Big tires smooth out the bumps in the road and add a new, comfy dimension to rides that last all day. Try it, you'll like it



A Shimano 105 group makes a lot of sense on a bike like this. It's solid, it functions well and it's a great mix of performance and durability. If you so choose, this will be the last road bike you buy



Two water bottle bosses and a pump peg on 54cm and larger frame sizes. Just enough to get you through that Sunday century



Road bikes don't need a lot of crap bolted to them so we gave the Pacer a single set of eyelets for use as fender mounts or a light duty rack mount



PAVEMENT

## TRAVELERS CHECK

SPECS Pg. 110-111



S&S couplers add one more dimension of versatility: packing your bike up in a case so you can travel with it wherever you go. The Travelers Check is an already versatile frame and this gives you one more option to take your bike with you anywhere



Surly 4130 CroMoly steel 'Natch tubing. Designed and made for every frameset and tuned for each frame size, 'Natch tubing is durable, repairable and just plain feels good. It'll give you that special feeling every time you take it out for a ride



Travelers Check shares the geometry of the Travelers Check frame. Its geometry holds to the cross bike conventions with a taller bottom bracket, shorter stays and a longer toptube. It's a neutral handling frame that feels fast on any type of terrain. Be it dirt or pavement Travelers Check will get you where you need to go, and with S&S couplers, it'll even do it when you're on vacation



Semi-horizontal dropouts give you singlespeed compatibility and wheelbase adjustability. Adjuster screws are included to keep your wheel in the right place for optimal shifting if you go with derailleurs. Our Gnot-rite spacing (132.5mm) allows you to run 130mm road hubs and 135mm MTB hubs. Again, all in the name of versatility and utility



700c x 41mm with room for fenders. Big tires smooth out the bumps in the road and give you plenty of traction and grip on any surface. Plus you'll be able to ride places you never thought you could. Give the big rubber a shot



Travelers Check is sold as a frame only. It uses standard parts like threaded bottom brackets and 1-1/8" (EC34) headsets so build it up however you want



S&S Couplers allow you to pack your bike in an airline approved case. Take it with you. Bosses front and rear to take cantilever or linear-pull brakes, eyelets at the dropouts and braze-ons for downtube shifters/cable guides. It's all about versatility in function and build options. Travelers Check has everything you need to be whatever you want



Rack and fender mounts front and rear are standard issue on the Travelers Check, because things like racks and fenders make bikes useful



PAVEMENT

# STEAMROLLER

SPECS Pg. 112-113

-  Track bikes are inherently simple machines, the least amount of bike that can occupy the space between rider and road. This simplicity lends itself well to utilitarian cycling and the Steamroller takes this philosophy and gets you where you need to go
-  Surly 4130 CroMoly Steel 'Natch tubing. Designed and made for every frameset and tuned for each frame size, 'Natch tubing is durable, repairable and just plain feels good. It'll give you that special feeling every time you take it out for a ride
-  Steamroller geometry is closer to road geometry but still a little more snappy. If you're looking for a bike that can handle daily abuse and be agile enough to keep you out of trouble, look no further
-  120mm spaced cast steel track-ends are what you'll find on the Steamroller. They needed to be simple and bombproof, that's what we were going for here and that's what you're gonna get
-  700c x 38mm tire clearance gives you the option to take this bike places track bikes have never seen. The big tires will have you skidding through dirt and trails in no time
-  Steamroller is sold as a frame only so build it up the way that flies your freak flag high
-  The most special feature about the mounts on this bike is that it doesn't have many. One set of water bottle mounts to keep you from drying up and blowing away and a fender mount too keep your ass from getting wet. We wanted too keep this one simple and good looking, not like a person at a face piercing convention
-  Again with the simplicity.... With a complete lack of rack mounts, you're going to want to invest in a really nice, big backpack



PAVEMENT

# LONG HAUL TRUCKER

SPECS Pg. 114-117



What can you say about the LHT? It's designed to get you out there and back again and can shoulder nearly any burden. It's a bombproof bike that uses proven touring geometry and is made out of our 'Natch tubing



ED coated Surly 4130 CroMoly Steel 'Natch tubing. Designed and made for every frameset and tuned for each frame size, 'Natch tubing is durable, repairable and just plain feels good. It'll give you that special feeling every time you take it out for a ride



Frame geometry has a heavy influence on fit and fit is important when you live on your bike for days/weeks/months at a time. Long Haul Trucker uses a proven geometry that gives a neutral ride and frame dimensions that yield a comfortable, durable frame. And you won't kick your panniers every pedal stroke



The LHT uses simple 135mm spaced vertical dropouts with cast eyelets for durability and cargo capacity. You can bolt on racks and fenders with ease. It's a simple design that you can count on when you're on the open road for weeks at a time



If ever there was a circumstance where big tires shine, it's when you're touring. Thusly, the LHT can fit the big meats. 26": 2.1" with or without fenders; 700c: 42mm with fenders, 45mm without fenders



Fancy and fragile bells and whistles will only let you down when touring. Spec on the LHT is simple, easy to repair, durable and commonly found the world over



The LHT comes with a whole host of mounts that are designed to keep you rolling and self-sufficient on tour: pump peg, downtube lever bosses, three sets of H2O cage bosses, rear housing stop for rim brakes, housing stops for brake and derailleurs, emergency spoke mounts



It probably goes without saying but the LHT comes with the full compliment of rack and fender mounts, front and rear. It's a touring bike. You'll want those



TOURING

# DISC TRUCKER

SPECS Pg. 118-121

- ⦿ The Long Haul Trucker gives people a hugely solid touring bike that doesn't cost a lot of money. The Disc Trucker gives people that exact same solidness in a package that stops way better because it also gives you disc brakes
- ! ED coated Surly 4130 CroMoly Steel Natch tubing. Designed and made for every frameset and tuned for each frame size, Natch tubing is durable, repairable and just plain feels good. It'll give you that special feeling every time you take it out for a ride
- △ Disc Trucker uses a proven touring geometry that gives a neutral ride and a comfortable fit. Touring requires long hours in the saddle day in and day out so comfort is important and the Disc Trucker will make you think you're laying on your couch as you watch the scenery tick by.
- ⚙ Heavily engineered touring dropouts give you the ability to run racks, fenders and disc brakes all at once without any wonkiness because wonkiness is not what you're looking for when you're out on tour
- 🛞 The Disc Trucker fits 26" : 2.1" with or without fenders; 700c: 42mm with fenders, 45mm without fenders. Touring can really beat you up so do yourself a favor and ride big tires
- ⚙ Touring bikes need to work all the time. For this reason we put simple, durable, serviceable parts on this bike that you are likely to be able to find almost anywhere
- 💡 The Disc Trucker comes with a pannier load full of mounts that are designed to keep you rolling and self-sufficient on tour: pump peg, downtube lever bosses, three sets of H2O cage bosses, rear housing stop for rim brakes, housing stops for brake and derailleurs, even emergency spoke mounts
- 🏠 In another gross statement of the obvious: The Disc Trucker has rack and fender mounts front-back, side-to-side, up and down, left and right. Anyone that says that they want a touring bike without rack and fender mounts doesn't really want a touring bike





Some people that work for Surly are the type of people that dream about getting on a bike and disappearing into the woods for good. We got an opportunity to make the perfect bike for that exact purpose. We call it ECR



ED coated Surly 4130 CroMoly Steel 'Natch tubing. Designed and made for every frameset and tuned for each frame size, 'Natch tubing is durable, repairable and just plain feels good. It'll give you that special feeling every time you take it out for a ride



ECR does three things; off-road, loaded, stability. Angles that let it be a capable mountain bike but also something you can sit down and crank out miles on without worrying about comfort or capability



Heavily engineered touring dropouts spaced at 135mm give you the ability to run racks, fenders, disc brakes and 10 x 1mm integrated trailer mount all at once. Sometimes re-supply isn't an option



29+ means 29 x 3.0" (or thereabouts) tires. That's a big tire. It's big enough to effect the way the bike rides and it does so in a very positive way. The 29+ wheel rolls over things easily and has the kungfu grip. Plus, we have 29 x 3.0" Dirt Wizards now



We think parts on a bike like this should be pretty simple. Thumb shifter simple. It's got thumb shifters. Thumb shifters and other simple bits that won't break easily even when you're crashing through the woods without trails to find a campsite



So many mounts so little space in which to write about them.... Two water bottle mounts on XS-M, three water bottle mounts on L-XXL, triple water bottle bosses on each fork leg, Surly Trip Guide full line guides for brake and derailleurs as well as Rohloff OEM2 compatible dropout and cable guides



Rack and fender mounts abound on the ECR. Front and rear, all over the place... the fork, the dropouts, everywhere. It's a touring bike meant to get you places where gear makes a difference and we want you to be able to carry whatever you want



TOURING

-  29ers make good all around bikes, but most of them are slanting more and more heavily towards trail usage and trail usage only. Ogre is a platform that works well in any type of terrain with the added versatility of our touring dropouts that allow disc brakes, racks and fender usage without anything getting in the way
-  ED coated Surly 4130 CroMoly Steel 'Natch tubing. Designed and made for every frameset and tuned for each frame size, 'Natch tubing is durable, repairable and just plain feels good. Ogre gets a beefy, cargo friendly tubeset that can stand up to the rough stuff
-  With geometry based on our tried and true Karate Monkey, you'll feel comfortable doing anything from blasting trails to blasting your commute because you woke up late. It works everywhere and can have a little fun too
-  Heavily engineered touring dropouts spaced at 135mm give you the ability to run racks, fenders, disc brakes and 10 x 1mm integrated trailer mount all at once. If you can dream it, you can take it with you
-  You can stuff tires as big as 29 x 2.5" into the Ogre frame. Run anything from slicks to the gnarliest mud spikes you can find. Whatever suits your terrain
-  Spec on the Ogre is fitting to its status as a beast of burden. Everything on this bike was chosen to sit upon the utilitarian foundation the frame provides. Thumb shifters, Jones Loop H-bars, this bike is all about doing whatever
-  Full-length Surly Trip Guide housing line guides for derailleurs and brakes; three sets of bottle cage mounts; removable post cantilever pivots; upper seatstay threaded barrels; threaded holes for racks, fenders and trailer mounting nuts; Rohloff OEM2 axle plate mounting slot. We really want you to be able to do anything you want with this bike
-  Ogre sits in our touring category so you can be damn sure this thing has rack and fender mounts everywhere you'd want them. Upper seatstay threaded barrels, mid- and low-blade fully threaded through-blade fork eyelets; threaded holes for racks, fenders and trailer mounting nuts



# TROLL

SPECS Pg. 126-127

-  Our Troll frame was conceived of as a go anywhere, do anything frame that is at home touring in remote places or ripping around in the alleys in your home town. It's a 26" wheeled cousin to the Ogre and comes in many sizes to fit many riders
-  ED coated Surly 4130 CroMoly Steel 'Natch tubing. Designed and made for every frameset and tuned for each frame size, 'Natch tubing is durable, repairable and just plain feels good. Troll gets the same, cargo friendly treatment as the Ogre in straddle-friendly 26" wheel size
-  The Troll frame geometry is built around the geometry of our time tested 1x1. It's not one of those trail-happy, long toptube, short stem bombers. Instead it's a middle of the road design that can do anything well. It'll climb, descend, tour and commute
-  Heavily engineered touring dropouts spaced at 135mm give you the ability to run racks, fenders, disc brakes and 10 x 1mm integrated trailer mounts all at once. Troll will take you to the hardware store to get lumber, or to Ulan Bator
-  The Troll frame is a true jack of all trades. The Troll can fit anything up to 26 x 2.75" tires on 50mm rims and even standard 650 lb/27.5" wheels. This was no accident. Versatility is a virtue
-  Spec on the Troll is the same as the other bikes in our Touring lineup. We look for stuff that will work all the time and be easy to fix. Carbon cranks and other flashy bits need not apply
-  When I said jack of all trades earlier I meant it. It has the mounts to support this. Full-length Surly Trip Guide housing line guides for derailleurs and brakes, two sets of bottle cage mounts, removable post cantilever pivots, upper seatstay threaded barrels, mid-and low-blade fully threaded through-blade fork eyelets; threaded holes for racks, fenders and trailer mounting nuts; Rohloff OEM2 axle plate mounting slot
-  Racks and Fenders are all over the place on our touring bikes and Troll is no different. Our touring dropouts give you everything you need in the rear and the Troll fork is shot full of threaded holes so you can bolt any sort of rack and fender goodness you can imagine to this bike



 TOURING

# WORLD TROLLER

SPECS Pg. 128-129

-  The World Troller gives you all the chameleon-like ability of the Troll in a package that can be split in half and slipped past airline baggage screeners just waiting to charge you full boat to take your bike with you
-  Surly 4130 CroMoly Steel 'Natch tubing. Designed and made for every frameset and tuned for each frame size, 'Natch tubing is durable, repairable and just plain feels good. The World Troller gets the same, cargo friendly treatment as the Ogre in straddle-friendly 26" wheel size and S&S couplers for ease of transport
-  The frame is built around the geometry of our time tested 1x1. When you need a bike that can do anything, the Troll geometry delivers without complaint
-  Heavily engineered touring dropouts spaced at 135mm give you the ability to run racks, fenders, disc brakes and 10 x 1mm integrated trailer mounts all at once. Our touring dropouts are Rohloff compatible and the frames have Rohloff compatible cable routing for brainless Rohloff setup. Troll will take you to the hardware store to get lumber, or to Ulan Bator
-  Same deal as the Troll frame here. You can fit anything up to 26 x 2.75" tires on 50mm rims. 26" wheels are strong and you can find the size where ever you go
-  This one comes as a frame only. Buy a Rohloff, you know you want one
-  The World Troller frame gets full-length Surly Trip Guide housing line guides for derailleurs and brakes; two sets of bottle cage mounts; removable post cantilever pivots; upper seatstay threaded barrels, mid-and low-blade fully threaded through-blade fork eyelets; threaded holes for racks, fenders and trailer mounting nuts; Rohloff OEM2 axle plate mounting slot and cable routing
-  Racks and Fenders are all over the place on our touring bikes and the World Troller is no different. Our touring dropouts give you everything you need in the rear and the Troll fork is shot full of threaded holes so you can bolt any sort of rack and fender goodness you can imagine to this bike



 **TOURING**

# KRAMPUS

SPECS Pg. 130-131

⦿ A few years ago we wondered if it could be possible to apply our love of giant tires to the 29er platform. We figured you'd get amazing traction and control out of this design and so far, that has proven to be correct. Krampus is the bike that spawned the 29+ movement

† ED coated Surly 4130 CroMoly Steel 'Natch tubing. Designed and made for every frameset and tuned for each frame size, 'Natch tubing is durable, repairable and just plain feels good

◀ Krampus is a trail bike so it has trail geometry. Long toptubes, short stems, big ass wheels, short-as-possible chainstays, 44mm headtubes for suspension compatibility. Take it out and bomb around, you'll see what we're talking about

⚙ Standard 135mm spaced track-ends with a derailleur hanger give the option for gears or singlespeed use. It's easy to find these hubs and they aren't too expensive when you do

🛞 As the bike that began the 29+ movement, Krampus' cast steel yoke and heavily manipulated stays allow for 29 x 3" tires, giving you all the traction and gnar-popping control you could ever dream of

⚙ Spec on the Krampus is slanted towards the durability you'll want for a trail bike. Stuff that will stand up to trail abuse that won't break the bank when you break the parts

🔦 The point with the Krampus is not carrying stuff. You don't need a lot of mounts to have a lot fun. Dual water bottle mounts, 51mm I.S. mounts, Surly Trip Guide full line guides for brake and derailleurs, eyelets for fenders is all you get here. Don't hurt yourself

🏠 Racks and fenders don't play particularly well with rocks, berms and trail features. We don't want to bum you out but you get a set of fender eyelets and that's about it. Fenders keep the fun from getting on you and that's no fun at all



# KRAMPUS OPS

SPECS Pg. 132-133

 A few years ago we wondered if it could be possible to apply our love of giant tires to the 29er platform. We figured you'd get amazing traction and control out of this design and so far, that has proven to be correct. Krampus is the bike that spawned the 29+ platform

 Surly 4130 CroMoly Steel 'Natch tubing. Designed and made for every frameset and tuned for each frame size, 'Natch tubing is durable, repairable and just plain feels good. Krampus tubes got 'feel-good' coming out of their butts

 Krampus Ops is a trail bike so it has trail geometry. Long toptubes, short stems, big ass wheels, short-as-possible chainstays, 44mm headtubes for suspension compatibility. Take it out and bomb around, you'll see what we're talking about

 Our Trail bikes come with the Modular Dropout System. Krampus Ops comes with our 10 x 135mm QR chip for standard drivetrain/hub versatility. The MDS gives you the option to use any of our other MDS chips for different drivetrain and hub compatibility for plenty of build options

 As the bike that brought 29+ to the masses, Krampus' cast steel yoke and heavily manipulated stays allow for 29 x 3" tires, giving you all the traction and gnar-popping control you could ever dream of

 Spec on the Krampus Ops is slanted towards the durability you'll want for a trail bike. Stuff that will stand up to trail abuse that won't break the bank when you break the parts

 Krampus Ops is no beast of burden. Versatility is laid dead upon the altar to the Fun Gods. You can't strap fun to a bike frame. Dual water bottle mounts, 51mm I.S. mounts, Surly Trip Guide full line guides for brake and derailleurs, eyelets for fenders is all you get here. Don't hurt yourself

 Racks and fenders don't play particularly well with rocks, berms and trail features. We don't want to bum you out but you get a set of fender eyelets and that's about it. Fenders keep the fun from getting on you and that's no fun at all



# KARATE MONKEY SS

SPECS Pg. 134-135



A long time ago someone had the idea to put 29" wheels on mountain bikes. They roll through stuff far better than their 26" wheeled friends and Karate Monkey was an early adopter of this wheel size. It's stayed relatively the same over the years because it's good when you get things right the first time



Surly 4130 CroMoly Steel 'Natch tubing. Designed and made for every frameset and tuned for each frame size, 'Natch tubing is durable, repairable and just plain feels good



Karate Monkey SS geometry is that of a trail bike. It'll handle the aggressive conditions of modern XC trail riding and it'll get you to the trail in style if you want to leave the car home for the day



Karate Monkey SS comes with our MDS SS chip, which means you're getting a 135mm spaced 10mm track-end with the option of thru-axle and geared drivetrain upgrades, whatever you want really. It's a versatile setup that uses standard, easy to find, inexpensive parts that can be swapped out and replaced for hours of garage tinkering enjoyment



Karate Monkey SS can fit 29 x 2.5" tires. That's a big tire that will take an already stable platform and give you even more comfort, traction and control on the trail and—if you so choose to commute on this bike—the feeling of invincibility



Singlespeeds are great because not much can go wrong with them. Surly chooses spec such that even less will go wrong with the Karate Monkey Singlespeed



Standard trail bike fair for mounts on the KMSS; 51mm I.S. disc brake mounts and dual water bottle mounts so you're never parched and Surly Trip Guide full line guides for brake and derailleurs keep things working smoothly no matter the weather or trail conditions



We wanted the Karate Monkey to keep some versatility compared to some of our strictly trail oriented products. One set of fender mounts on frame and fork come standard



# KARATE MONKEY OPS

SPECS Pg. 136-137



A long time ago someone had the idea to put 29" wheels on mountain bikes. They roll through stuff far better than their 26" wheeled friends and Karate Monkey was an early adopter of this wheel size. It's stayed relatively the same over the years because it's good when you get things right the first time



Surly 4130 CroMoly Steel 'Natch tubing. Designed and made for every frameset and tuned for each frame size, 'Natch tubing is durable, repairable and just plain feels good



Karate Monkey geometry is that of a trail bike. It'll handle the aggressive conditions of modern XC trail riding and it'll get you to the trail in style if you want to leave the car home for the day



Karate Monkey comes with our MDS which means you're getting the option of thru-axle and geared drivetrain options, whatever you want really. It's a versatile setup that uses standard, easy to find, inexpensive parts that can be swapped out and replaced for hours of garage tinkering enjoyment



Karate Monkey can fit 29 x 2.5" tires. That's a big tire that will take an already stable platform and give you even more comfort, traction and control no matter where you choose to ride



Karate Monkey Ops gets the same treatment all of our bikes get in the parts department. It's durable, nothing flashy and meant for one thing and one thing alone, enjoying the ride



Standard trail bike fair for mounts on the Karate Monkey Ops; 51mm I.S. disc brake mounts and dual water bottle mounts. Surly Trip Guide full line guides for brake and derailleurs keep things working smoothly no matter the weather or trail conditions



We wanted the Karate Monkey to keep some versatility compared to some of our strictly trail oriented products. One set of fender mounts on frame and fork come standard



# INSTIGATOR 2.0

SPECS Pg. 138-139



It might seem weird to think of a trail bike as being versatile. It's a trail bike right, how can it be versatile too? Instigator 2.0 is just that. It's a trail bike that can provide many different experiences all with one frame and all with the goal of ripping around like an idiot



Surly 4130 CroMoly Steel Natch tubing that has been butted and shaped for extra strength. It's designed for every frameset and tuned for each frame size just like all of our other frames and it's the most thought out, strong set of tubes we have ever come up with



When you think trail geometry you think stand up and pedal and hang on. Instigator 2.0 is that kind of bike that's easy to control in the air and on the ground. It checks all the boxes under the PRETTY SWEET heading: designed for a 140mm travel fork, short chainstays and a long front end. You'll have control and over-inflated confidence in hairy terrain



The Modular Dropout System or MDS, lets you run 135 x 10mm hubs with gears, 142 x 12mm hubs with Shimano Direct Mount derailleurs, 135 x 10mm SS setups or the do-all #4 chip which provides compatibility with any drivetrain, gears, singlespeeds, and a 142 x 12mm axle spacing



Tires can make or break a ride and Instigator 2.0 can fit not just different tires, but different wheel platforms. You've got options for 26+ wheels for high volume tire romps through the real tough stuff, or the ever agile 27.5" wheel for pure trail fun. You've got room for 26 x 3.0" tires, 27.5" or even 27.5" +



Spec for the Instigator was chosen based on a single criteria. Survivability under heavy trail use. It's all stuff that can take the abuse of people that find particular enjoyment in abusing their bikes



Mounts are sparse on the Instigator 2.0 frame. Trip Guides to wrangle housing lines, ISCG-05 chainguide mounts, 51mm I.S. mounts, a couple water bottle mounts and no other clutter



Racks and rad are like oil and water so your only mounts can be found on our MDS chips. You don't want all your shit to be strewn about the trail when you stack that hipper anyway





Back in the day someone gave some leeway to a small group of underachieving idiots. Idiots that believed in the power of simplicity, utility and durability. Thus the 1x1 was born. Turns out, people liked the freedom having one gear brought to their riding and thus, Surly was born



All of our ideas about what 'Natch tubing should be started with the 1x1. It's gotta be durable, repairable, and have good ride quality. 'Natch tubing is size specific and designed for the intended purpose of every frame. The 1x1 has changed over the years but the steel is still the same



When we first conceived of the 1x1 we wanted a neutral handling bike that you just get on and rally. The 1x1 doesn't have the modern trail geometry that some of our other frames have, but it's still derby-approved and you'll still be having fun



When you want simplicity look no further than the 1x1. It's got 10mm track-ends spaced at 135mm so you can ride your bike and not worry about useless things like what gear you're in. You are in the gear



Tire clearance on the 1x1 is ample. It's tough to figure out which is better; giant tires or no gears and the 1x1 gives you both. Fit 26 x 2.75" tires in there and decide for yourself



1x1 is a frame only so you can spec it out however you want to make the goofiest bike imaginable



51mm disc tabs, rear brake toptube housing stops, seatstay mounted disc housing guides keep this bike simple, as it was intended to be



Fender eyelets on the fork and rear dropouts to keep you high and dry and add just a touch of versatility



# BIG DUMMY & CARGO KIT

SPECS Pg. 142-143

- Do you hate being limited by what you can carry on your bike? You should get a Big Dummy. Big Dummy is a purpose built ride that has one intention: to get you weird looks when you carry home everything you need to build a deck from the hardware store
- Surly 4130 CroMoly Steel 'Natch tubing. Designed and made for every frameset and tuned for each frame size, 'Natch tubing is durable, repairable and just plain feels good. Big Dummy, being a cargo bike, gets some serious tubes for serious cargo capacity
- Big Dummy geometry is designed first and foremost for stability under tremendous burden. We did a few other things to it so that you could also carry this tremendous burden on trails, pavement or to a remote campsite about which only you know
- Dropouts on the Big Dummy are standard 135mm spaced with a derailleur hanger. We wanted the Big Dummy to use standard parts that are easy to find and not too expensive. Cargo bikes are the ultimate utilitarian vehicle so we went with utility over the flashy newest/latest
- Cargo needs cushion. It is for that reason Big Dummy can fit 26 x 2.5" tires with room for fenders
- Spec for cargo bikes should be one thing and one thing only: durable. For this reason we spec'd stuff on the Big Dummy that is easy to use, easy to fix and unlikely to need much attention because breaking down on the side of the road when you're carrying that new grill you bought is not an option
- Big Dummy will let you run whatever suits your hauling needs. Quad water bottle mounts, Surly Trip Guides for continuous brake/shift housing or brake hydraulic line (toptube and seatstay routing), fender eyelets
- Cargo means racks and fenders. Big Dummy comes with mounts for front racks; front and rear fenders and our Dummy Cargo Kit for the rear



 HAULIN

## BILL & TED TRAILER\*

\*HITCH SOLD SEPARATELY

SPECS Pg. 144



Trailers are a great way to carry a lot of stuff with a regular bike. We found that most bicycle trailers don't stand up to serious payload. This is why we created Bill & Ted. Each has a cargo capacity of 300 lb with two different bed lengths available



Serious payloads require serious steel. Bill & Ted are made out of a mix 4130 CroMoly and stainless steel



Pulling a trailer on a bike has some considerations. Bill & Ted were designed to keep your cargo weight centered behind you and close to the ground for a predictable and stable ride. The hitch will fit a wide variety of wheel diameters, from 20" up to 29" accommodating up to a 29 x 3" tire. That's right, even our 3" Knards on 50mm Rabbit Holes will fit. Sorry, it won't work with Omniterra rims and tires, such as our Large Marge or Larrys



Our trailer frames come with various M5 x 1mm mounts so you can design a bed system that will suit your needs. The trailers come with a separate hitch that can mount using either our integrated 10 x 1mm dropout mounts or a QR skewer. Surly trailers connect to your frame via Surly mounting hardware. The hitch is width adjustable to fit most frames from 120-145mm O.L.D. (rear hub) spacing so it'll fit your bike



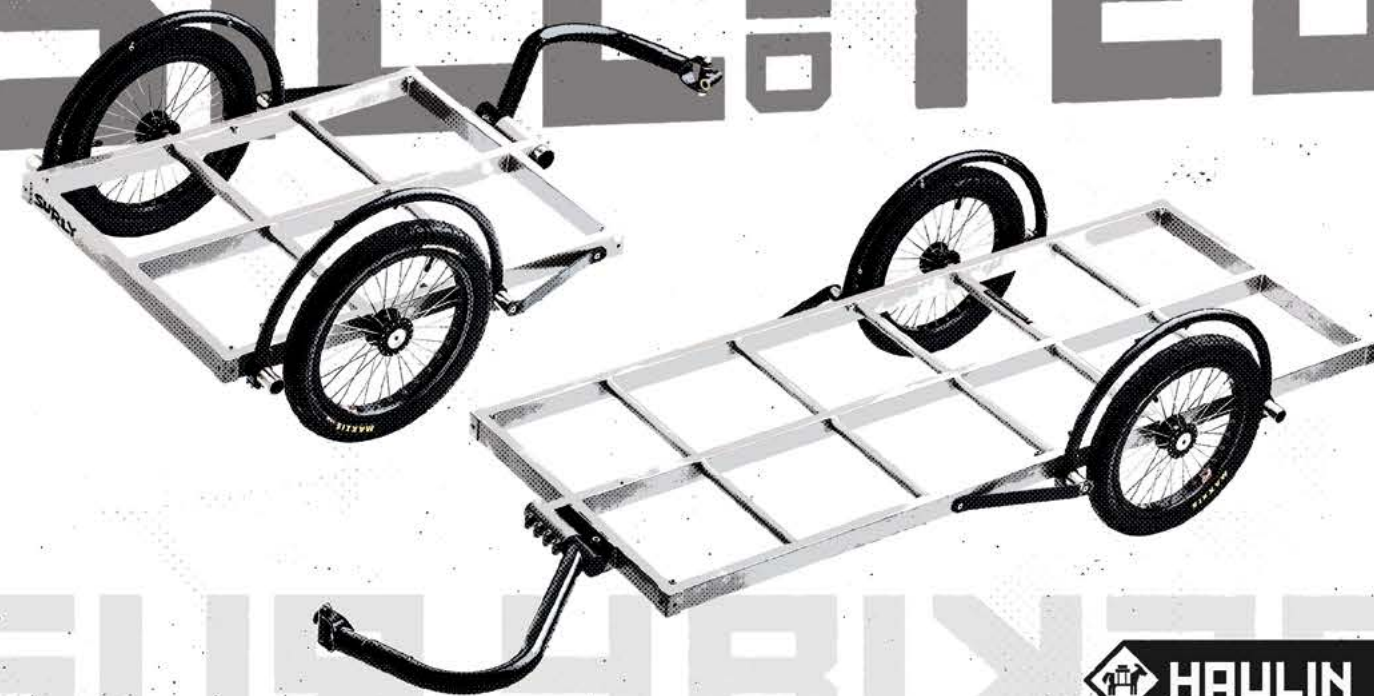
If you don't want to build your own, you'll need to purchase our hitch (120-135mm spaced or Big Dummy specific). Our hitch parts bolt to the bed and are like the bed itself: heavy duty and ready for anything you might throw on top of it



Trailers come with 16 x 1.95" tires to cushion your cargo and provide a smooth ride. There is clearance for 16 x 2.5" tires



Bill & Ted are a rack in and of themselves. A giant rack that you pull behind your bicycle and, as mentioned earlier, come with a host of mounts for easy customization



HAULIN

# BILL & TED ACCESSORIES

## HITCHES

- Hitches are sold separately in case you don't need one for your rig. Standard? We've got those. Big Dummy? We've got those too. Something weird you want to rig up? That's up to you
- Bill & Ted hitch works with 20-29+ wheel sizes and hubs from 120-145mm wide. It's a very versatile piece that uses a U-joint so things can wiggle around independently of your bike and is made from, you guessed it, CroMoly and stainless steel

## FENDERS & WHEEL GUARD KITS

- Made from recycled high density plastic
- Two fenders, two wheel guards
- Fenders keep the wheel spray off of your stuff and off of your shoes while wheel guards keep stuff out of your wheels
- Mount using M5 x .8mm bolts... in case you lost the ones that came with your trailer



# FORKS

## BRAZED & LUGGED CROWN

- Made of Surly 4130 'Natch tubing, each fork is designed and constructed for its intended purpose to provide excellent ride characteristics, versatility and value
- Redesigned crowns are stronger and prettier and come with crown, mid- and low- blade eyelets for easy rack and fender installation
- Many different models with many different offsets and configurations; Check page 60 or head to [surlybikes.com](http://surlybikes.com) for all the info

## UNI-CROWN

- Made from 4130 'Natch tubing, our uni-crown forks differ in construction to our lugged crown forks using two blades bent and welded to the fork crown. This allows for more flexibility in offset and fork leg construction
- Surly uni-crown forks come with a whole host of braze-ons and rack/fender eyelets so you can bolt to them whatever accessories you see fit
- Many different models with many different offsets and configurations; Check page 61 or head to [surlybikes.com](http://surlybikes.com) for all the info



# FORK SPECS

## BRAZED & LUGGED CROWN FORKS

| Features         | LHT 26"               | LHT 26"           | LHT 700c          | Disc Trucker 26"  | Disc Trucker 26"  | Disc Trucker 700c     | Steamroller           |
|------------------|-----------------------|-------------------|-------------------|-------------------|-------------------|-----------------------|-----------------------|
| Part number      | FK0911                | FK0910            | FK0912            | FK0916            | FK0915            | FK0917                | FK3002                |
| Steerer diameter | 1-1/8" Straight       | 1-1/8" Straight   | 1-1/8" Straight   | 1-1/8" Straight   | 1-1/8" Straight   | 1-1/8" Straight       | 1-1/8" Straight       |
| Steerer length   | 400mm†                | 300mm††           | 350mm             | 400mm*            | 300mm             | 350mm**               | 300mm                 |
| Axle-to-crown    | 376mm                 | 376mm             | 390mm             | 376mm             | 376mm             | 390mm                 | 375mm                 |
| Offset           | 45mm                  | 45mm              | 45mm              | 45mm              | 45mm              | 45mm                  | 38mm                  |
| Hub spacing      | 100mm                 | 100mm             | 100mm             | 100mm             | 100mm             | 100mm                 | 100mm                 |
| Tire clearance   | 26 x 2.1"             | 26 x 2.1"         | 700c x 45mm       | 26 x 2.1"         | 26 x 2.1"         | 700c x 45mm           | 700c x 38mm           |
| Brake            | Canti/Linear-Pull     | Canti/Linear-Pull | Canti/Linear-Pull | Disc              | Disc              | Disc                  | 47–57mm Reach Caliper |
| Bottle mounts    | No                    | No                | No                | No                | No                | No                    | No                    |
| Weight †         | 2.4 lb (1.1kg)        | 2.6 lb (1.2kg)    | 2.6 lb (1.2kg)    | 2.6 lb (1.2kg)    | 2.6 lb (1.2kg)    | 2.6 lb (1.2kg)        | 2.2 lb (1.0kg)        |
| Features         | Steamroller           | Straggler         | Straggler 650b    | Cross-Check       | Cross-Check       | Pacer                 | Pacer                 |
| Part number      | FK3001                | FK0950            | FK0952            | FK0117            | FK0112            | FK0806                | FK0805                |
| Steerer diameter | 1" Straight           | 1-1/8" Straight   | 1-1/8" Straight   | 1-1/8" Straight   | 1" Straight       | 1-1/8" Straight       | 1-1/8" Straight       |
| Steerer length   | 300mm                 | 350mm             | 350mm             | 300mm             | 300mm             | 300mm                 | 260mm                 |
| Axle-to-crown    | 368mm                 | 400mm             | 380mm             | 400mm             | 400mm             | 375mm                 | 375mm                 |
| Offset           | 38mm                  | 44mm              | 44mm              | 44mm              | 44mm              | 50mm                  | 45mm                  |
| Hub spacing      | 100mm                 | 100mm             | 100mm             | 100mm             | 100mm             | 100mm                 | 100mm                 |
| Tire clearance   | 700c x 32mm           | 700c x 45mm       | 650b x 45mm       | 700c x 45mm       | 700c x 45mm       | 700c x 32mm           | 700c x 32mm           |
| Brake            | 47–57mm Reach Caliper | Disc              | Disc              | Canti/Linear-Pull | Canti/Linear-Pull | 47–57mm Reach Caliper | 47–57mm Reach Caliper |
| Bottle mounts    | No                    | No                | No                | No                | No                | No                    | No                    |
| Weight †         | 2.2 lb (1.0kg)        | 2.5 lb (1.2kg)    | 2.4 lb (1.1kg)    | 2.4 lb (1.1kg)    | 2.4 lb (1.1kg)    | 2.2 lb (1.0kg)        | 2.2 lb (1.0kg)        |

† All fork weights are listed uncut, straight steerer      \*(56–62cm frames) \*(42–54cm frames)

## UNI-CROWN FORKS

| Features         | ECR                    | Ogre                   | Troll                  | Karate Monkey            | Krampus                |
|------------------|------------------------|------------------------|------------------------|--------------------------|------------------------|
| Part number      | FK0027                 | FK0029                 | FK0098                 | FK0024                   | FK0026 w/bottle mounts |
| Steerer diameter | 1-1/8" Straight        | 1-1/8" Straight        | 1-1/8" Straight        | 1-1/8" Straight          | 1-1/8" Straight        |
| Steerer length   | 260mm                  | 260mm                  | 260mm                  | 260mm                    | 260mm                  |
| Axle-to-crown    | 468mm                  | 468mm                  | 453mm                  | 468mm                    | 483mm                  |
| Offset           | 47mm                   | 43mm                   | 40mm                   | 43mm                     | 47mm                   |
| Hub spacing      | 100mm                  | 100mm                  | 100mm                  | 100mm                    | 100mm                  |
| Tire clearance   | 29 x 3.0"              | 29 x 3.0"              | 26 x 3.0"              | 29 x 3.0"                | 29 x 3.0"              |
| Brake            | Disc                   | Canti/Linear-Pull/Disc | Canti/Linear-Pull/Disc | Disc                     | Disc                   |
| Bottle mounts    | Yes                    | Yes                    | Yes                    | No                       | Yes, No (two models)   |
| Weight †         | 2.7 lb (1.2kg)         | 2.8 lb (1.3kg)         | 2.7 lb (1.2kg)         | 2.5 lb (1.1kg)           | 2.6 lb (1.2kg)         |
| Features         | 1x1 100mm sus          | 1x1 100mm sus          | Moonlander 135mm ††    | Moonlander 135mm         | Instigator 1.0         |
| Part number      | FK0002                 | FK0012                 | FK0707                 | FK0705                   | FK0005                 |
| Steerer diameter | 1-1/8" Straight        | 1-1/8" Straight        | 1-1/8" Straight        | 1-1/8" Straight          | 1-1/8" Straight        |
| Steerer length   | 260mm                  | 260mm                  | 260mm                  | 260mm                    | 260mm                  |
| Axle-to-crown    | 453mm                  | 453mm                  | 447mm                  | 447mm                    | 447mm                  |
| Offset           | 40mm                   | 40mm                   | 43mm                   | 43mm                     | 43mm                   |
| Hub spacing      | 100mm                  | 100mm                  | 135mm, rear disc spec  | 135mm, rear disc spec    | 100mm                  |
| Tire clearance   | 26 x 3.0"              | 26 x 3.0"              | 26 x 5.0"              | 26 x 5.0"                | 26 x 3.0"              |
| Brake            | Canti/Linear-Pull/Disc | Disc                   | Disc                   | Disc                     | Canti/Linear-Pull/Disc |
| Bottle mounts    | No                     | No                     | Yes—One Side Only      | Yes                      | No                     |
| Weight †         | 2.8 lb (1.3kg)         | 2.5 lb (1.1kg)         | 2.6 lb (1.2kg)         | 2.6 lb (1.2kg)           | 3.1 lb (1.4kg)         |
| Features         | Pugsley 135mm ††       | Pugsley 100mm          | Ice Cream Truck        | Ice Cream Truck          | Big Dummy              |
| Part number      | FK0706                 | FK0709                 | FK0040                 | FK0041                   | FK0007                 |
| Steerer diameter | 1-1/8" Straight        | 1-1/8" Straight        | 1-1/8" Straight        | 1-1/8" Straight          | 1-1/8" Straight        |
| Steerer length   | 260mm                  | 260mm                  | 260mm                  | 260mm                    | 260mm                  |
| Axle-to-crown    | 447mm                  | 447mm                  | 483mm                  | 483mm                    | 425mm                  |
| Offset           | 43mm                   | 43mm                   | 47mm                   | 47mm                     | 40mm                   |
| Hub spacing      | 135mm, rear disc spec  | 100mm, front disc spec | 150 x 15mm thru-axle   | 135mm, QR rear disc spec | 100mm                  |
| Tire clearance   | 26 x 3.8"              | 26 x 3.8"              | 26 x 5.25"             | 26 x 5.0"                | 26 x 3.0"              |
| Brake            | Disc                   | Disc                   | Disc                   | Disc                     | Canti/Linear-Pull/Disc |
| Bottle mounts    | No                     | No                     | Yes                    | Yes                      | Yes                    |
| Weight †         | 2.7 lb (1.2kg)         | 2.7 lb (1.2kg)         | 3.2 lb (1.4kg)         | 3.2 lb (1.4kg)           | 2.8 lb (1.3 kg)        |

† All fork weights are listed uncut, straight steerer      †† Offset

# TIRES

## DIRT WIZARD

- The Dirt Wizard goes after one thing and one thing only: traction and control on loose and varied terrain
- Designed to run on our 50mm Rabbit Hole Rim
- Comes in 26 x 2.75" 27 or 120tpi and 29 x 3.0" 120tpi sizes
- It is big and gnarly

### 26+

**Bead seat diameter:** 559mm (fits rims 35–65mm)  
**Casing:** 120tpi, with Kevlar bead (850g)  
60tpi with Kevlar bead (1070g)

### 29+

**Bead seat diameter:** 622mm (fits rims 35–65mm)  
**Casing:** 120tpi, with Kevlar bead (850g)  
60tpi with Kevlar bead (1070g)

## NATE

- Named after our good friend Nate, this tire is designed to shred your face off with a knobby, aggressive tread pattern that grips and sheds and keeps you upright in the boggiest of trail (or no trail) conditions
- Nate measures out to 3.8" wide and comes in three casing options 120tpi black wall and a classy 60tpi tan wall

### 26 X 3.8"

**Bead seat diameter:** 559mm (fits rims 50–100mm wide)  
**Casing:** 120tpi with Kevlar bead (1350g)  
60tpi with Kevlar bead  
27tpi with wire bead (1730g)



Dirt Wizard 29+



Nate 3.8"

## LARRY & BIG FAT LARRY

- Larry employs a middle-of-the-road tread designed for riding in loose or soft conditions while still rolling well on the hard stuff
- Larry comes in 559mm Bead Seat Diameter, in 3.8 or 4.7" widths with a 60tpi casing and a Kevlar bead

### BIG FAT LARRY 26 X 4.7"

**Bead seat diameter:** 559mm (fits rims 65–100mm wide)  
**Casing:** 120tpi with Kevlar bead (1400g)  
60tpi with Kevlar bead (TBD)

### LARRY 26 X 3.8"

**Bead seat diameter:** 559mm (fits rims 50–100mm wide)  
**Casing:** 120tpi with Kevlar bead (1255g)  
27tpi with wire bead (TBD)

## BLACK FLOYD

- Black Floyd features a low profile tread for less rolling resistance and more speed
- Recommended for use with either 50 or 65mm rims
- Comes in 60tpi casings in black or gum wall with 559mm BSD and a Kevlar bead

### 26 X 3.8"

**Bead seat diameter:** 559mm (fits rims 50–65mm)  
**Casing:** 60tpi with Kevlar (1050g)



Big Fat Larry



Black Floyd

# TIRES

## BUD

- Measuring out to a massive 4.8" wide, Bud is the tire you use when you need nothing other than traction and steering control
- Bud is designed for use with 100mm Clown Shoe Rims
- Bud comes in a supple 120tpi casing with a folding Kevlar bead

4.8"

**Bead seat diameter:** 559mm (fits rims 65–100mm wide)  
**Casing:** 120tpi with Kevlar bead (1585g)

## LOU

- Lou is the 26 x 4.8" mate to Bud. Lou's tread is much like Bud's with tall knobs designed to grind, crawl and claw its way over rooty, rocky, wet, muddy, loose or otherwise inhospitable terrain
- Lou's casing is durable, thin-walled 120tpi which conforms well to the ground surface shape

4.8"

**Bead seat diameter:** 559mm (fits rims 65–100mm wide)  
**Casing:** 120tpi with Kevlar bead (1585g)



Bud 4.8"

Lou 4.8"

## KNARD

- Knard is an excellent all around tire that features many small, closely spaced knobs that grip the ground as well as it rolls

700c X 41mm

**Bead seat diameter:** 622mm (fits rims 23–30mm)  
**Casing:** 120tpi with Kevlar bead (465g)  
 27tpi wire bead (650g)

29+

**Bead seat diameter:** 622mm (fits rims 35–65mm)  
**Casing:** 120tpi with Kevlar bead (980g)  
 27tpi with wire bead (1240g)

650b X 41mm

**Bead seat diameter:** 584mm (fits rims 23–30mm)  
**Casing:** 60tpi with Kevlar bead (465g)

26+

**Bead seat diameter:** 559mm (fits rims 35–65mm)  
**Casing:** 120tpi with Kevlar bead (980g)  
 27tpi with wire bead (1240g)

26 X 3.8"

**Bead seat diameter:** 559mm (fits rims 50–100mm)  
**Casing:** 120tpi with Kevlar bead (1255g)  
 27tpi with wire bead (1635g)

26 X 4.8"

**Bead seat diameter:** 559mm (fits rims 50–100mm)  
**Casing:** 120tpi with Kevlar bead (1255g)  
 27tpi with wire bead (1635g)



700c x 41mm

26 x 3.8"

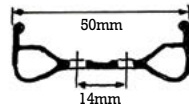
# RIMS

## RABBIT HOLE

- The Rabbit Hole is our 50mm wide rim and comes in 559 or 622mm BSD. Runs tires as small as 2.3" or as large as 4" (frame clearance permitting). Dual-row spoke holes for lacing versatility

26+

**Hub compatibility:** 32h hubs  
**Bead seat diameter:** 559mm  
**Weight:** 600g  
**Color:** Black, silver, limited edition



29+

**Hub compatibility:** 32h hubs  
**Bead seat diameter:** 622mm  
**Weight:** 699g  
**Color:** Black, silver, limited edition



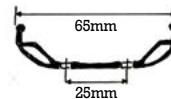
Rabbit Hole

## MARGE LITE

- Run tires as narrow as 2.5" up to 4.8". Dual-row spoke holes for offset or on-center lacing

26"

**Hub compatibility:** 32h hubs  
**Bead seat diameter:** 559mm  
**Weight:** 690g  
**Color:** Black, silver, limited edition

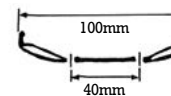


## CLOWN SHOE

- Clown Shoe will handle 3.8–4.8" tires and will maximize their footprint for maximum float and traction
- Same dual-row spoking options for offset or on-center lacing

26"

**Hub compatibility:** 32h hubs  
**Bead seat diameter:** 559mm  
**Weight:** 960g  
**Color:** Black, silver, limited edition



Marge Lite



Clown Shoe

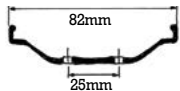
# RIMS

## ROLLING DARRYL

- At 82mm, the Darryl rim spreads the tire footprint out even more. More traction. More Floatation. Run 3.8–4.8" tires and float over everything in your path

26"

**Hub compatibility:** 32h hubs  
**Bead seat diameter:** 559mm  
**Weight:** 960g  
**Color:** Black, silver, limited edition

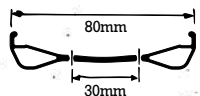


## MY OTHER BROTHER DARRYL

- MYOBD is an 80mm wide rim that can also be set up tubeless
- Run tires as narrow as 3.8" up to 4.8"
- My Other Brother Darryl comes in two versions: a dedicated on-center spoke hole drilling and our tried and true dual spoke hole drilling that accommodates offset or on-center wheel lacing

26"

**Hub compatibility:** 32h hubs  
**Bead seat diameter:** 559mm  
**Weight:** 690g  
**Color:** Black, silver, limited Edition



Rolling Darryl

My Other Brother Darryl

# WHEELS

## COMPLETE WHEELS

- Our wheels are laced, tensioned and finished by hand to exacting standards using high quality DT Swiss spokes and nipples
- Surly complete wheels come with a variety of high quality hubs in various O.L.D. spacings and offsets. This means we offer far too many to list here. Contact Surly or your local bike shop to find out what we have available

## TOOBS & RIMSTRIPS

- We make tubes to fit 26 x 3.7–4.8" tires in 1.0mm and lighter weight 0.8mm thicknesses as well as 29 x 2.5–3.0" and 26 x 2.5–3.0"
- All are made of butyl rubber, all have Presta valves and all will easily float a small dog
- PVC rimstrips come in varying widths for our Marge Lite, Rolling Darryl, Clown Shoe and Rabbit Hole rims. Choose from red, white, blue, orange and good old black. All are sold singly



Clown Shoe

Rabbit Hole

# CRANKS

## O.D. CRANK

- We designed our O.D. Crank to supply clearance for the chain on bikes running extra-wide tires by moving the middle and granny rings to the outer and middle position as a dedicated 2x that is 9- and 10-speed compatible
- 7000 series T6 aluminum, standard 2-piece design for durability, stiffness and ease of setup
- Available in 170, 175, and 180mm lengths for 73 and 100mm bottom bracket shells. We have two versions for 100mm shells: one for frames with 17.5mm of offset (or 170/177mm symmetrical rear ends) and one for 28.5mm offset (or 190/197mm symmetrical rear ends). O.D. Cranks for 73mm shells have 26 and 39 tooth rings, while the 100mm shell version comes with 22 and 36t rings
- Bearings are high quality Enduro brand, with double seals and an internal sleeve to protect them from general grossness
- Comes with English cups or our own PF41 press-fit cup

## MR. WHIRLY

- Mr. Whirly is an incredibly versatile crank. Its modular design allows you to replace bits if they break instead of replacing the whole crankset
- Swap spindles to use it with 68, 73, and 100mm bottom brackets. You may never need the versatility it offers, but if you ever do, it'll be there waiting
- Armsets are available in 165, 170, 175, 180 and 185mm lengths, in silver and black
- Spiders come in 3 BCD's; 94, 104 and 110 and we offer 4 spindle lengths. There are also complete options in singlespeed and triple



# HUBS

## ULTRA NEW HUBS

- Made from 6061-T6 forged and machined aluminum with hollow 4130 CroMoly axles of our own design and 304 stainless steel fixing bolts. Durability for days
- Ultra New hubs can be converted to QR by simply removing the bolts and installing a QR skewer
- Our Ultra New Hubs come in black or silver with pretty much any spacing, brake type (disc or non), or hole count you can imagine so head to [surlybikes.com](http://surlybikes.com) to get the full picture of all the hubs we offer



| Rear Non-Disc, 120mm       |           |
|----------------------------|-----------|
| Hole Count                 | Threading |
| 32                         | Fix/Fix   |
| 32                         | Fix/Free  |
| 36*                        | Fix/Fix   |
| 48**                       | Fix/Fix   |
| 48**                       | Free/Free |
| *silver only, **black only |           |

| Rear Non-Disc, 130mm |           |
|----------------------|-----------|
| Hole Count           | Threading |
| 32                   | Fix/Free  |

| Rear Disc, 135mm |           |
|------------------|-----------|
| Hole Count       | Threading |
| 32h              | Freewheel |
| 32h              | Fixed     |
| 36h              | Freewheel |

| Front Disc, 100mm |  |
|-------------------|--|
| Hole Count        |  |
| 32                |  |
| 36                |  |

| Front Non-Disc, 100mm |  |
|-----------------------|--|
| Hole Count            |  |
| 32                    |  |
| 32                    |  |
| 48*                   |  |
| *black only           |  |

| Front Disc, 135mm              |  |
|--------------------------------|--|
| Hole Count                     |  |
| 32*                            |  |
| *No cog or freewheel threading |  |

| Rear Non-Disc, 135mm |           |
|----------------------|-----------|
| Hole Count           | Threading |
| 32                   | Free/Free |
| 32                   | Fix/Free  |
| 36                   | Free/Free |
| 48**                 | Free/Free |
| 48**                 | Fix/Fix   |

\*\*black only

All hubs available in silver or black unless otherwise noted

# DRIVE-TRAIN

## MWOD CHAINRING

- Convert your Mr. Whirly crankset into an offset mountain double crank, allowing you to run extra wide rear tires and rim combinations while avoiding chain-on-tire rub without increasing your Q-factor
- Granny rings are stainless steel, outer ring is aluminum
- Both rings bolt together and the whole assembly bolts to the 58mm BCD mounting holes on Mr. Whirly Cranks

## O.D. CHAINRING

- O.D. chainrings were developed for our O.D. crankset. They are standard 58mm and 94mm BCD rings
- Inner rings are stainless steel, Outer rings are aluminum
- Designed to work in specific combinations, and are sold individually, not as sets. Go to [surlybikes.com](http://surlybikes.com) for more information on these combinations



## STAINLESS CHAINRING

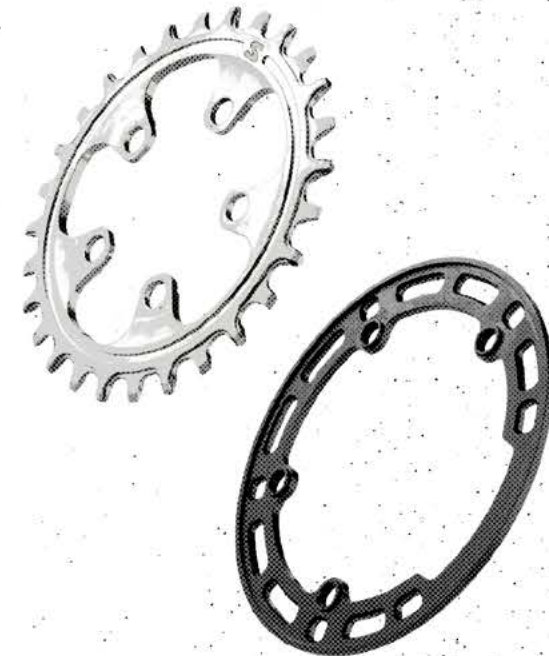
- Our chainrings are made from 304-grade stainless steel
- Ideal for any single-ring application like fixed gears or timing chain applications on tandems. Compatible with 1 x 6-9-speed drivetrains
- Stainless steel doesn't wear as fast. Long wearing parts mean more time on your bike and more money in your pocket

## NARROW WIDE CHAINRING

- The chainring on a 1x setup takes all the brunt of the wear. We made this one out of stainless steel because that gives you a durable, long lasting drivetrain
- Tooth count is 28t in 58mm BCD
- SRAM licensed X-Sync™ technology

## CHAINRING GUARD

- Single chainring drive train setups are all the rage these days, but it's a long walk back to the trailhead if you destroy your chainring
- Fits our O.D. cranks, Aluminum, 5-bolt, 94mm BCD



# DRIVE-TRAIN

## SINGLESPEED COGS

- Our Cassette-type cogs to fit on standard 7–10 speed Shimano-compatible freehub bodies. These cogs have a tall tooth profile that prevents chain skip from the extra torque a singlespeed drive-train encounters
- With a base width of 4.35mm, you can stack a few of them up and use a 9-speed shifter for a simplified multi-speed drive-train
- Width prevents them from digging grooves into the freehub body as skinny stamped cogs have a tendency to do
- Machined from SCM415 CroMoly steel, then heat-treated for toughness and chrome-plated for surface hardening and enhanced chain interface
- Cogs will work with 6- to 9-speed 3/32" chains, although we recommend the inherently updated quality of an 8- or 9-speed chain
- Available in one tooth increments from 13–22t so you can select that perfect gear

## TRACK LOCKRINGS

- CNC-machined from stainless steel
- Lock Rings maximize thread engagement and fit English locking threads to work on English/ISO threaded track hubs

**HEY!** Fixed cogs and English threaded SS freewheels use the same size threads. Fixed-gear hubs have a second set of smaller diameter, reverse-direction threads outboard of the cog threads. Surly does not endorse the use of fixed-gear cogs of any kind without the use of a properly installed locking. We know some jerk on MTBR.com said he did it and ain't been hurt yet, but lockrings are important. You have been warned.



## TRACK COGS

- Our track cogs are designed to spin onto standard ISO-threaded (1.37" x 24tpi) hubs, so they work with most English, Italian and Japanese hubs
- Machined, heat-treated and chrome-plated SCM415 CroMoly steel so they are tough and long lasting. Track cogs are available in either 3/32 or 1/8" tooth thickness and in sizes from 13–22t

## DINGLE COGS

- Dingle Cogs give you the ability to switch gears when the terrain demands it. Put a 17/19t Dingle on the back, pick two chainrings that are two teeth apart, and when you switch from the outer gear (44:17t) to the inner gear (42:19t), you'll have an easier gear for steep climbs, singletrack trails or the dead of winter
- Available in three tooth combinations: 17/19t, 17/20t, 17/21t
- Uses the same threading as a standard track cog



# RACKS

## REAR & FRONT RACK

- Surly Racks are durable, expedition-worthy pieces that work with most panniers
- Made from CroMoly steel for durability and repairability in the most remote places
- Large top platforms provide a NoDak-like vast expanse for extra cargo
- Front and Rear Racks are height-adjustable to stay low to the ground, first to the banana
- Front rack provides multiple pannier mounting options
- Front Rack mounts directly to forks with a mid-blade eyelet, a standard braze-on found on most touring-specific forks. We offer two hardware kits, one for uni-crown forks and one for our cast and lugged forks
- Included stainless steel hardware will enable you to fit the rack to most rigid 26" and 700c frames and forks equipped with drum, caliper, or cantilever brakes
- Disc brakes and suspension are generally not compatible with our rear racks, though there is an increasing number of frames designed to allow the use of racks and disc brakes, such as our Troll, ECR and Disc Trucker



# HANDLEBARS

## OPEN BAR

- The Open Bar has a comfy angle for the wrists and is just a tad flexy to keep the harsh away from your mellow
- CroMoly steel, 25.4mm clamp, 666mm, 0mm or 40mm rise, 53 degree sweep
- ED coated
- Black

## CHEATER BAR

- Steel is real, as the old saying goes. That's why we made a kick ass, triple-buttet steel handlebar
- CroMoly steel, 31.8mm clamp, 780mm width, 0mm rise, 11 degree sweep, 400g
- Black or silver



# SMALL PARTS

## MDS

Our Modular Dropout System (MDS) does a good job of showing that, when it comes to versatility and utility, Surly cares a lot. Our Modular Dropout System, or MDS, allows you to pick and chose what type of drivetrain and rear hub spacing you want to use to keep you free from having to commit to any one type of frame standard by giving you the option of four different, interchangeable chips. Mmmm... chips.

- 142 x 12mm thru-axle rear end (197 x 12mm for MDS equipped Omnitera frames) with a direct mount Shimano hanger
- 142 x 12mm slotted thru-axle chip allows you to run singlespeed or geared drivetrains with 14mm of fore-aft adjustment (197 x 12mm for MDS equipped Omnitera frames)
- Standard 135mm QR (190 x 10mm for MDS equipped Omnitera frames)
- The mighty singlespeed 10 x 135mm horizontal track-end



Shimano Direct-Mount



12mm Slotted Thru-Axle



10 x 135mm QR



10 x 135mm Horizontal Track End

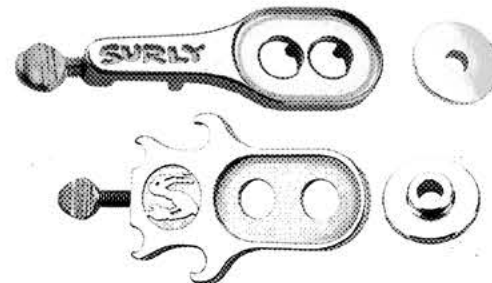
## SEATPOST CLAMPS

- We make two seatpost clamps; the Constrictor (in 30.0, 31.8 and 33.1mm) and stainless steel (in 30.0mm and 33.1mm)
- Stainless steel comes in silver or black, the Constrictor in black only
- Delivers the clampability seatposts crave



## CHAIN TENSIONERS

- The Hurdy Gurdy is designed to work with front-loading, semi-horizontal dropouts like those on our Cross-Check and many older, non-Surly frames
- The Hurdy Gurdy does not open bottles
- The Tuggnut works with rear-loading horizontal 'track-ends' like those found on our 1x1 and crap tons of other singlespeed frames
- The Tuggnut will open bottles
- Both are investment cast stainless steel and work with any standard 10mm solid or quick release axles, adapters included
- Both have two axle holes for an improved range of adjustment



## JETHRO TULE

- The Jethro Tule is a handy box wrench for 15mm nutted axles
- Made from cast stainless steel
- Double sided and angled to work with flanged dropouts
- Handle is spoon shaped to provide a wide, comfy surface
- It looks good and it works good



# SMALL PARTS

## SINGLEATOR

- The Singleator is a tried-and-true, simple, effective and inexpensive way to convert your bike to a singlespeed
- Forged aluminum body, stainless steel shaft, chain guides
- Adjustable chainline and spring tension
- Works with 1/8" and 3/32" chains
- Available in black or silver

## CABLE HANGER

- Fits over thick seatpost clamp bolts
- Versatile enough to work with most tall post clamps
- It's even got an adjusting barrel!

## SPACER KIT

- A kit with black aluminum spacers and a stainless steel lockring
- Cog sold separately
- Convert that old wheel you have with a multi-speed freehub body into a single cog, derby-approved weapon



## 10000 USES FOR THE SURLY JUNK STRAP

We've made utilitarian singlespeed bikes for over a decade. We've made bikes that have humongous tires that you can ride on damn near anything. We make touring bikes that can be ridden to the actual ends of the earth. Nothing we make is more universally useful than... the Junk Strap

- Toe Straps were once the standard in holding feet to pedals. The Junk Strap is a really long toe strap that lets you tie down almost anything to something else
- Butress a batten
- Strap your groceries to yourself, your bike, your dog, a rock, whatever you want
- Use a couple to play a prank on the drunk guy
- Three legged race... on bikes
- Strap something that breaks back together again
- Pants falling down?
- Strap your imagination to a rocket-ship because nothing is off limits with what can be strapped to another thing with the Junk Strap
- 120cm woven nylon construction with stainless steel buckles, no rust
- Not for climbing



# GEAR

## JACKET

- Waxed cotton canvas on the outside with a 100% Merino wool liner in the body of the jacket and a Polyester liner in the sleeves to prevent bunching
- Waxed canvas gives you protection from the elements while the liner is light to make the jacket better for layering
- Two-way zipper, hand warmer pockets and a Fonzarelli-approved collar so you'll always look cool
- Hidden chest pocket for small items

## WOOL HOODIE

- Wool insulates well, both warm and cold, and it's durable. Wool resists stink build-up, which means you won't have to wash it as often (when you do wash it, hand wash it in cold water and let air dry). Merino wool is nice and soft against even sensitive skin. Ours (our own proprietary blend of 100% Merino) fit like a regular cotton sweatshirt. It's loose enough to fit over other clothes
- Hoodies are the comfort food of clothing
- You can wear it everywhere and not look like a total dork; Add a shell and cut cold winds
- In both unisex and women's specific fit; black, gray and green; Sizes S-XXL



## RAGLAN T

- We took the same reasons and philosophy behind our wool jerseys and applied them to our new Raglan long sleeve T
- Lightweight and comfy, our merino wool t-shirts and long sleeve Raglan Shirts are perfect for layering to help wick moisture or add a pinch of warmth.
- T-shirts have one chest pocket big enough for your smokes
- We left off the giant logo (or really any logo at all) cuz some of us don't like the whole "walking billboard" thing
- Sizes S-XXL, stripey and new two tone
- Go to [surlybikes.com](http://surlybikes.com) for the latest styles and colors



## WOOL JERSEY

- It's wool so you know it'll regulate body temperature well hot or cold, wet or dry, won't stink after one ride and will feel nice on your skin
- It has a nice tall collar, quality zippers, zippered rear kangaroo pockets, thumb holes in the sleeves and comes in long or short sleeve. Short sleeve is lighter weight for warm weather or layering and long sleeve is heavier weight for cool weather
- Sizes XS-XXL, men's short and long sleeve and women's long sleeve only
- Go to [surlybikes.com](http://surlybikes.com) for the latest styles and colors



# GEAR

## WOOL POCKET T

- Lightweight and comfy, our merino wool t-shirts and long sleeve Raglan Shirts are perfect for layering to help wick moisture or add a pinch of warmth
- T-shirts have one chest pocket big enough for your smokes
- We left off the giant logo (or really any logo at all) cuz some of us don't like the whole "walking billboard" thing
- Size S-XXL, brown, black, red, blue, orange

## COTTON T-SHIRTS

- Walk around screaming the words "Surly Bikes" in total silence
- Head to [surlybikes.com](http://surlybikes.com) to check out the latest designs in men's and lady's tees



## WOOL HAT

- 100% proprietary merino wool blend. Super duper warm
- If it ain't below freezing, don't bother

## WOOL SCARVES

- It's nice to have a scarf in your bag when the weather turns chilly. They act as a baffle to keep cold wind out and body heat in
- Merino wool

## NECK GAITER

- It's nice to have something you can use as a hat, or a scarf or stuff in your pants to keep your naughty bits warm
- 100% Merino wool

## WOOL SOCKS

- Made for us, from wool, by DeFeet
- Being made from wool they are comfy in most climates
- Lotsa sizes, lotsa designs. Head to [surlybikes.com](http://surlybikes.com) for more info than you could possibly want



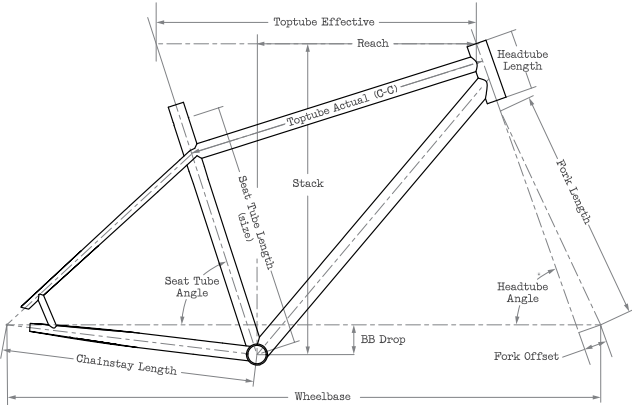
WEDNESDAY

GEOMETRY

| Size | ST (C-T) |       | TT (C-C) |       | TT (EFF) |       | ST    | HT    | HT  |       | BB Drop |      | CS Length |       | FK (A-C) |       | FK Offset | Wheel Base |      | S.O. Height* |      | Stack |      | Reach |      |       |
|------|----------|-------|----------|-------|----------|-------|-------|-------|-----|-------|---------|------|-----------|-------|----------|-------|-----------|------------|------|--------------|------|-------|------|-------|------|-------|
|      | in       | mm    | in       | mm    | in       | mm    | Angle | Angle | in  | mm    | in      | mm   | in        | mm    | in       | mm    | mm        | in         | mm   | in           | mm   | in    | mm   | in    | mm   |       |
| XS   | 12.4     | 316.0 | 22.5     | 571.0 | 22.4     | 570.0 | 73.5  | 69.0  | 3.7 | 95.0  | 2.2     | 55.0 | 17.1      | 435.0 | 18.4     | 468.0 | 1.9       | 47.0       | 42.6 | 1081.0       | 28.0 | 711.0 | 22.6 | 573.0 | 15.7 | 400.0 |
| S    | 14.4     | 366.0 | 22.7     | 577.0 | 23.2     | 590.0 | 73.5  | 69.0  | 3.9 | 100.0 | 2.2     | 55.0 | 17.1      | 435.0 | 18.4     | 468.0 | 1.9       | 47.0       | 43.3 | 1101.0       | 29.0 | 737.0 | 22.6 | 573.0 | 16.5 | 420.0 |
| M    | 16.4     | 416.0 | 23.2     | 590.0 | 24.0     | 610.0 | 73.5  | 69.0  | 4.3 | 110.0 | 2.2     | 55.0 | 17.1      | 435.0 | 18.4     | 468.0 | 1.9       | 47.0       | 44.2 | 1122.0       | 30.5 | 774.0 | 23.1 | 587.0 | 17.2 | 436.0 |
| LG   | 18.3     | 466.0 | 23.9     | 606.0 | 24.8     | 630.0 | 73.5  | 69.0  | 4.7 | 120.0 | 2.2     | 55.0 | 17.1      | 435.0 | 18.4     | 468.0 | 1.9       | 47.0       | 45.0 | 1143.0       | 31.8 | 807.0 | 23.5 | 597.0 | 17.8 | 453.0 |
| XL   | 20.3     | 516.0 | 24.7     | 627.0 | 25.6     | 650.0 | 73.5  | 69.0  | 5.1 | 130.0 | 2.2     | 55.0 | 17.1      | 435.0 | 18.4     | 468.0 | 1.9       | 47.0       | 45.8 | 1164.0       | 33.1 | 841.0 | 23.9 | 606.0 | 18.5 | 471.0 |

COMPONENT SIZING

| SIZE | Stem Length |       | Stem Angle | Handlebar Width |       | Crank Length |
|------|-------------|-------|------------|-----------------|-------|--------------|
|      | in          | mm    | degrees    | in              | mm    | mm           |
| XS   | 2.8         | 70.0  | 7.0        | 27.6            | 700.0 | 170.0        |
| S    | 2.8         | 70.0  | 7.0        | 27.6            | 700.0 | 170.0        |
| M    | 3.1         | 80.0  | 7.0        | 29.5            | 750.0 | 175.0        |
| LG   | 3.5         | 90.0  | 7.0        | 29.5            | 750.0 | 175.0        |
| XL   | 3.9         | 100.0 | 7.0        | 29.5            | 750.0 | 175.0        |



\*Standover is measured from the top of the TT, at the center, with a tire measuring approximately Ø749mm  
All dimensions and specifications are subject to change.

BIKE SPECIFICATIONS

| Component         | Type                                              |
|-------------------|---------------------------------------------------|
| Headset:          | Cane Creek 10                                     |
| Crankset:         | Truvativ X5, 22/34t                               |
| Bottom bracket:   | SRAM GXP                                          |
| Brakes:           | Hayes MX Comp, V-Series 160mm rotors front & rear |
| Brake levers:     | Tektro 520                                        |
| Rims:             | Surly My Other Brother Darryl, 80mm w/speedholes  |
| Front hub:        | Formula 150 x 15mm thru-axle. 32h, black          |
| Rear hub:         | Formula 177 x 12mm thru-axle. 32h, black          |
| Front/Rear tires: | Surly Nate 26 x 3.8", 27tpi                       |
| Shifters:         | SRAM X5, trigger shifter                          |
| Front derailleur: | SRAM X5                                           |
| Rear derailleur:  | SRAM X5                                           |
| Cog or cogset:    | Microshift H100, 11-36t, 10-speed                 |
| Stem:             | H.L., 31.8mm                                      |
| Handlebar:        | Primatec SM                                       |
| Saddle:           | Velo VL-2155, CroMoly rails                       |
| Seatpost:         | H.L., 30.9 x 410mm                                |
| Chain:            | KMC X10                                           |

FRAME SPECIFICATIONS

| Category                         | Description                                                                                                                                                                                                                     |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Tubing:                          | 100% Surly 4130 CroMoly steel. ED coated. Double-buttet main triangle. TiG-welded                                                                                                                                               |
| Rear dropouts:                   | Surly Universal Cast Dropout. Allows use of 177 x 12mm thru-axes, 170 x 10mm QR axes and gives you the option of either horizontal or vertical wheel removal when using 177 x 12mm axles and rear exiting when using 10mm axles |
| Brake compatibility:             | 51mm I.S. disc mounts frame and fork                                                                                                                                                                                            |
| Braze-ons:                       | Dual water bottle mounts on XS-M, triple water bottle mounts on L-XL, Surly Trip Guide full line guides for brake and derailleurs, fender and rack eyelets                                                                      |
| Seatpost diameter:               | 30.9mm                                                                                                                                                                                                                          |
| Seatpost clamp diameter:         | 33.1mm, Surly Constrictor clamp included                                                                                                                                                                                        |
| Headset:                         | 44mm ID. Recommend EC44 lower cups. Zero Stack on top is ok                                                                                                                                                                     |
| Front derailleur clamp diameter: | Direct-mount 34.9mm diameter (adapter included)                                                                                                                                                                                 |
| Bottom bracket shell:            | 100mm wide, standard English threading (1.37" x 24t)                                                                                                                                                                            |
| Chaining clearance:              | 22/36t NOTE: This is this specific to using a Surly O.D. Crank—use of other cranks may limit number and size of rings and may cause tire/chain rub!                                                                             |
| Tire clearance:                  | 4.6" on an 80mm rim and the wheel pulled back. 3.8" with wheel slammed forward                                                                                                                                                  |
| Fork:                            | Tapered straight blade.4130 CroMoly. 468mm axle to crown, 47mm offset. 51mm I.S. front standard disc mount, 150mm x 15mm thru-axle dropouts (axle included), 100mm suspension fork compatible                                   |
| Color:                           | Robbin's Egg Blue                                                                                                                                                                                                               |

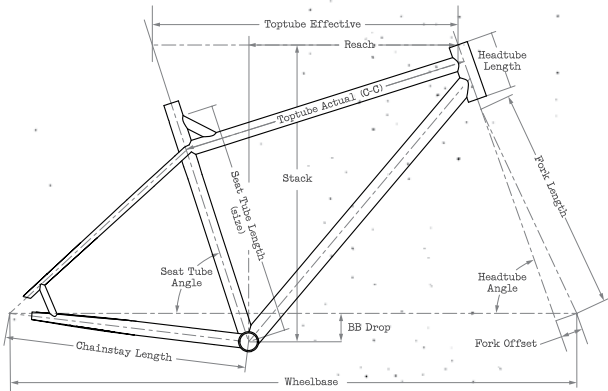
MOONLANDER

GEOMETRY

| SIZE | ST (C-T)<br>in mm |       | TT (C-C)<br>in mm |       | TT (EFF)<br>in mm |       | ST<br>Angle | HT<br>Angle | HT<br>in mm |       | BB Drop<br>in mm |      | CS Length<br>in mm |       | FK (A-C)<br>in mm |       | FK Offset<br>mm |      | Wheel Base<br>in mm |        | S.O. Height*<br>in mm |        | Stack<br>in mm |       | Reach<br>in mm |       |
|------|-------------------|-------|-------------------|-------|-------------------|-------|-------------|-------------|-------------|-------|------------------|------|--------------------|-------|-------------------|-------|-----------------|------|---------------------|--------|-----------------------|--------|----------------|-------|----------------|-------|
| S    | 16.0              | 406.4 | 21.9              | 555.2 | 22.6              | 575.0 | 73.0        | 70.5        | 4.3         | 110.0 | 2.4              | 60.0 | 17.7               | 450.0 | 17.6              | 447.0 | 1.7             | 43.0 | 42.3                | 1073.4 | 30.4                  | 771.1  | 22.8           | 580.1 | 15.7           | 397.7 |
| M    | 18.0              | 457.2 | 22.5              | 570.8 | 23.4              | 595.5 | 73.0        | 70.5        | 4.7         | 120.0 | 2.4              | 60.0 | 17.7               | 450.0 | 17.6              | 447.0 | 1.7             | 43.0 | 43.1                | 1093.9 | 31.5                  | 800.1  | 23.2           | 589.5 | 16.3           | 414.8 |
| LG   | 20.0              | 508.0 | 23.2              | 590.2 | 24.2              | 615.0 | 73.0        | 70.5        | 5.5         | 140.0 | 2.4              | 60.0 | 17.7               | 450.0 | 17.6              | 447.0 | 1.7             | 43.0 | 43.9                | 1114.8 | 32.8                  | 833.8  | 23.9           | 608.3 | 16.9           | 429.0 |
| XL   | 22.0              | 558.8 | 23.9              | 607.3 | 24.8              | 630.0 | 73.0        | 70.5        | 6.3         | 160.0 | 2.4              | 60.0 | 17.7               | 450.0 | 17.6              | 447.0 | 1.7             | 43.0 | 44.5                | 1130.7 | 44.5                  | 1130.7 | 24.7           | 627.2 | 17.3           | 438.3 |
| XXL  | 22.0              | 558.8 | 24.4              | 620.6 | 25.4              | 645.0 | 73.0        | 70.5        | 6.9         | 175.0 | 2.4              | 60.0 | 17.7               | 450.0 | 17.6              | 447.0 | 1.7             | 43.0 | 45.1                | 1146.4 | 44.9                  | 1140   | 25.2           | 641.3 | 17.7           | 448.9 |

COMPONENT SIZING

| SIZE | Stem Length<br>in mm |       | Stem Angle<br>degrees | Handlebar Width<br>in mm |       | Crank Length<br>mm |
|------|----------------------|-------|-----------------------|--------------------------|-------|--------------------|
| S    | 3.5                  | 90.0  | 7.0                   | 27.6                     | 700.0 | 170.0              |
| M    | 3.9                  | 100.0 | 7.0                   | 29.5                     | 750.0 | 175.0              |
| LG   | 4.3                  | 110.0 | 7.0                   | 29.5                     | 750.0 | 175.0              |
| XL   | 4.7                  | 120.0 | 7.0                   | 29.5                     | 750.0 | 180.0              |
| XXL  | 4.7                  | 120.0 | 7.0                   | 29.5                     | 750.0 | 180.0              |



\*Standover is measured from the top of the TT, at the center, with a tire measuring approximately Ø762mm  
All dimensions and specifications are subject to change.

BIKE SPECIFICATIONS

| Component         | Type                                        |
|-------------------|---------------------------------------------|
| Headset:          | Cane Creek 40                               |
| Crankset:         | Surly O.D., 36/22t                          |
| Bottom bracket:   | Surly Enduro                                |
| Brakes:           | Avid BB7, HS1 180/160mm rotors front & rear |
| Brake levers:     | Avid SD-7                                   |
| Rims:             | Surly Clown Shoe, 100mm w/speedholes        |
| Front hub:        | Surly Ultra New Disc, 32h. 135mm, black     |
| Rear hub:         | Shimano XT M756 Disc, 32h. 135mm, black     |
| Front/Rear tires: | Surly Bud/Surly Lou, 4.8", 120tpi           |
| Shifters:         | Shimano SLX SA-109, trigger shifter         |
| Front derailleur: | Shimano SLX FD-676D                         |
| Rear derailleur:  | Shimano Deore XT RDT780 SGS                 |
| Cog or cogset:    | Shimano SLX CS-HG81-10, 11–34t, 10-speed    |
| Stem:             | Kalloy AS-025N 31.8mm                       |
| Handlebar:        | Salsa Salt Flat                             |
| Saddle:           | Velo VL-2155, CroMoly rails                 |
| Seatpost:         | Kalloy SP-342, 272 x 350mm                  |
| Chain:            | KMC X10RB                                   |

FRAME SPECIFICATIONS

| Category                         | Description                                                                                                                                                         |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Tubing:                          | 100% Surly 4130 CroMoly steel. ED coated. Triple-buttet main triangle. TIG-welded                                                                                   |
| Rear dropouts:                   | Surly horizontal rear load, with derailleur hanger; 135mm O.L.D.; offset 28.0mm                                                                                     |
| Brake compatibility:             | 51mm I.S. disc mounts frame and fork. NOTE: Unlike Pugsley, Moonlander uses front caliper adapters for the front brake and rear caliper adapters for the rear brake |
| Braze-ons:                       | Dual water bottle mounts, Surly Trip Guide full line guides for brake and derailleurs, fender and rack eyelets                                                      |
| Seatpost diameter:               | 27.2mm                                                                                                                                                              |
| Seatpost clamp diameter:         | 30.0mm, Surly stainless included                                                                                                                                    |
| Headset/Steertube:               | 1-1/8" threadless                                                                                                                                                   |
| Front derailleur clamp diameter: | Direct mount, 28.6mm, (adapter included, Moonlander specific)                                                                                                       |
| Bottom bracket shell:            | 100mm wide, standard English threading (1.37" x 24t)                                                                                                                |
| Chaining clearance:              | 22/36t (NOTE: this is this specific to using a Surly offset double crank—use of other cranks may limit number and size of rings and may cause tire/chain rub!)      |
| Tire clearance:                  | 4.8" tires. Hells yes                                                                                                                                               |
| Fork:                            | Tapered straight blade buttet 4130 CroMoly. 51mm I.S. front disc mount. 135mm-spaced dropouts. 28mm offset fork available aftermarket                               |
| Color:                           | Titanium Sand                                                                                                                                                       |

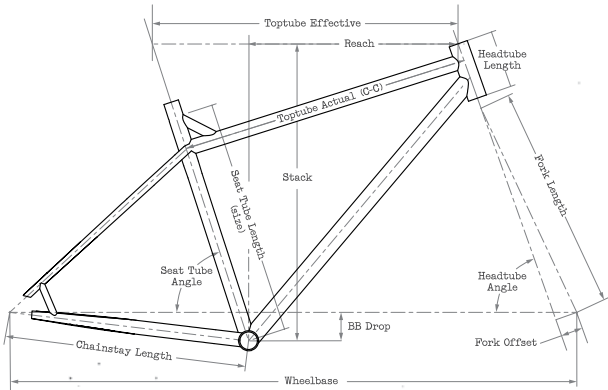
ICE CREAM TRUCK

GEOMETRY

| SIZE | ST (C-T)<br>in mm |       | TT (C-C)<br>in mm |       | TT (EFF)<br>in mm |       | ST<br>Angle | HT<br>Angle | HT<br>in mm |       | BB Drop<br>in mm |      | CS Length<br>in mm |       | FK (A-C)<br>in mm |       | FK Offset<br>in mm |      | Wheel Base<br>in mm |        | S.O. Height*<br>in mm |       | Stack<br>in mm |       | Reach<br>in mm |       |
|------|-------------------|-------|-------------------|-------|-------------------|-------|-------------|-------------|-------------|-------|------------------|------|--------------------|-------|-------------------|-------|--------------------|------|---------------------|--------|-----------------------|-------|----------------|-------|----------------|-------|
| XS   | 12.8              | 298.6 | 22.7              | 575.8 | 22.6              | 575.0 | 72.5        | 68.0        | 3.9         | 100.0 | 2.4              | 60.0 | 17.7               | 450.0 | 19.0              | 483.0 | 1.9                | 47.0 | 43.3                | 1100.0 | 28.0                  | 711.2 | 23.3           | 592.0 | 15.3           | 388.4 |
| S    | 14.8              | 376.4 | 22.7              | 575.4 | 23.2              | 590.0 | 72.5        | 68.0        | 3.9         | 100.0 | 2.4              | 60.0 | 17.7               | 450.0 | 19.0              | 483.0 | 1.9                | 47.0 | 43.9                | 1115.0 | 29.3                  | 744.3 | 23.3           | 592.0 | 15.9           | 403.4 |
| M    | 16.8              | 427.2 | 23.3              | 591.6 | 24.2              | 615.0 | 72.5        | 68.0        | 4.3         | 110.0 | 2.4              | 60.0 | 17.7               | 450.0 | 19.0              | 483.0 | 1.9                | 47.0 | 44.9                | 1140.8 | 30.7                  | 779.2 | 23.7           | 601.2 | 16.7           | 425.4 |
| LG   | 18.8              | 478.0 | 23.8              | 604.0 | 24.8              | 630.0 | 72.5        | 68.0        | 4.3         | 110.0 | 2.4              | 60.0 | 17.7               | 450.0 | 19.0              | 483.0 | 1.9                | 47.0 | 45.5                | 1155.8 | 31.8                  | 807.8 | 23.7           | 601.2 | 17.3           | 440.4 |
| XL   | 20.8              | 528.8 | 24.4              | 620.0 | 25.4              | 645.0 | 72.5        | 68.0        | 4.7         | 120.0 | 2.4              | 60.0 | 17.7               | 450.0 | 19.0              | 483.0 | 1.9                | 47.0 | 46.1                | 1171.0 | 33.1                  | 840.2 | 24.0           | 610.5 | 17.8           | 452.5 |
| XXL  | 20.8              | 528.8 | 25.0              | 635.0 | 26.0              | 660.0 | 72.5        | 68.0        | 4.7         | 120.0 | 2.4              | 60.0 | 17.7               | 450.0 | 19.0              | 483.0 | 1.9                | 47.0 | 46.7                | 1186.6 | 33.1                  | 840.2 | 24.0           | 610.5 | 18.4           | 467.5 |

COMPONENT SIZING

| SIZE | Stem Length<br>in mm |       | Stem Angle<br>degrees | Handlebar Width<br>in mm |       | Crank Length<br>mm |
|------|----------------------|-------|-----------------------|--------------------------|-------|--------------------|
| XS   | 2.4                  | 60.0  | 7.0                   | 27.6                     | 700.0 | 170.0              |
| S    | 2.4                  | 60.0  | 7.0                   | 27.6                     | 700.0 | 170.0              |
| M    | 2.8                  | 70.0  | 7.0                   | 29.5                     | 750.0 | 175.0              |
| LG   | 3.1                  | 80.0  | 7.0                   | 29.5                     | 750.0 | 175.0              |
| XL   | 3.5                  | 90.0  | 7.0                   | 29.5                     | 750.0 | 180.0              |
| XXL  | 4.7                  | 100.0 | 7.0                   | 29.5                     | 750.0 | 180.0              |



\*Standover is measured from the top of the TT, at the center, with a tire measuring approximately Ø762mm  
All dimensions and specifications are subject to change.

BIKE SPECIFICATIONS

| Component         | Type                                                    |
|-------------------|---------------------------------------------------------|
| Headset:          | Cane Creek 40                                           |
| Crankset:         | Surly O.D., 22/36t                                      |
| Bottom bracket:   | Surly Press Fit BB                                      |
| Brakes:           | SRAM Guide RS, Centerline 180/160mm rotors front & rear |
| Brake levers:     | SRAM Guide RS                                           |
| Rims:             | Surly Clown Shoe, 100mm w/speedholes, silver            |
| Front hub:        | Salsa 150 x 15mm thru-axle disc. 32h, black             |
| Rear hub:         | Salsa 197 x 12mm thru-axle disc. 32h, black             |
| Front/Rear tires: | Surly Bud/Surly Lou, 4.8", 120tpi                       |
| Shifters:         | Shimano SLX 670, trigger shifter                        |
| Front derailleur: | Shimano SLX FD-M676D                                    |
| Rear derailleur:  | Shimano Deore XT RD-M786 SGS                            |
| Cog or cogset:    | Shimano SLX CS-HG81-10, 11–36t. 10-speed                |
| Stem:             | Kalloy AS-025N 31.8mm                                   |
| Handlebar:        | Salsa Salt Flat                                         |
| Saddle:           | Velo VL2155, CroMoly rails                              |
| Seatpost:         | Kalloy 30.9 x 350mm                                     |
| Chain:            | KMC X10RB                                               |

FRAME SPECIFICATIONS

| Category                         | Description                                                                                                                                                        |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Tubing:                          | 100% Surly 4130 CroMoly steel. ED coated, Double-buttetd, externally tapered main triangle. TIG-welded                                                             |
| Rear dropouts:                   | Surly Modular Dropout System gives you the option of 197 x 12mm thru-axle (Shimano direct-mount derailleur hanger [axle included]), 10mm QR geared, or singlespeed |
| Brake compatibility:             | 51mm I.S. disc mounts frame and fork                                                                                                                               |
| Braze-ons:                       | Dual water bottle mounts, Surly Trip Guide full line guides for brake and derailleurs, fender and rack eyelets                                                     |
| Seatpost diameter:               | 30.9mm                                                                                                                                                             |
| Seatpost clamp diameter:         | 33.1mm, Surly Constrictor clamp included                                                                                                                           |
| Headset:                         | 44mm ID. Recommend EC44 lower cups. Zero Stack on top is ok                                                                                                        |
| Front derailleur clamp diameter: | direct-mount 34.9mm diameter (adapter included)                                                                                                                    |
| Bottom bracket shell:            | 132mm wide Surly Pressfit Bottom Bracket PF41/132                                                                                                                  |
| Chainring clearance:             | 22/36t NOTE: This is this specific to using a Surly O.D. Crank—use of other cranks may limit number and size of rings and may cause tire/chain rub!                |
| Tire clearance:                  | 4.8" tires. Hells yes                                                                                                                                              |
| Fork:                            | Tapered straight blade 4130 CroMoly. 483mm axle to crown, 47mm offset. 51mm I.S. front standard disc mount, 150mm x 15mm thru-axle dropouts (axle included)        |
| Color:                           | Jack Frost Blue                                                                                                                                                    |

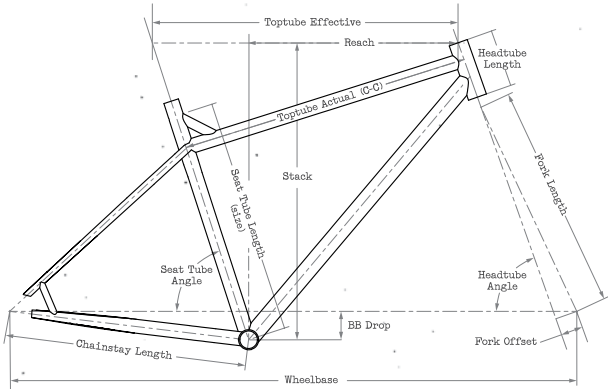
# ICE CREAM TRUCK OPS

## GEOMETRY

| SIZE | ST (C-T)<br>in mm |       | TT (C-C)<br>in mm |       | TT (EFF)<br>in mm |       | ST<br>Angle | HT<br>Angle | HT<br>in mm |       | BB Drop<br>in mm |      | CS Length<br>in mm |       | FK (A-C)<br>in mm |       | FK Offset<br>in mm |      | Wheel Base<br>in mm |        | S.O. Height*<br>in mm |       | Stack<br>in mm |       | Reach<br>in mm |       |
|------|-------------------|-------|-------------------|-------|-------------------|-------|-------------|-------------|-------------|-------|------------------|------|--------------------|-------|-------------------|-------|--------------------|------|---------------------|--------|-----------------------|-------|----------------|-------|----------------|-------|
| XS   | 12.8              | 298.6 | 22.7              | 575.8 | 22.6              | 575.0 | 72.5        | 68.0        | 3.9         | 100.0 | 2.4              | 60.0 | 17.7               | 450.0 | 19.0              | 483.0 | 1.9                | 47.0 | 43.3                | 1100.0 | 28.0                  | 711.2 | 23.3           | 592.0 | 15.3           | 388.4 |
| S    | 14.8              | 376.4 | 22.7              | 575.4 | 23.2              | 590.0 | 72.5        | 68.0        | 3.9         | 100.0 | 2.4              | 60.0 | 17.7               | 450.0 | 19.0              | 483.0 | 1.9                | 47.0 | 43.9                | 1115.0 | 29.3                  | 744.3 | 23.3           | 592.0 | 15.9           | 403.4 |
| M    | 16.8              | 427.2 | 23.3              | 591.6 | 24.2              | 615.0 | 72.5        | 68.0        | 4.3         | 110.0 | 2.4              | 60.0 | 17.7               | 450.0 | 19.0              | 483.0 | 1.9                | 47.0 | 44.9                | 1140.8 | 30.7                  | 779.2 | 23.7           | 601.2 | 16.7           | 425.4 |
| LG   | 18.8              | 478.0 | 23.8              | 604.0 | 24.8              | 630.0 | 72.5        | 68.0        | 4.3         | 110.0 | 2.4              | 60.0 | 17.7               | 450.0 | 19.0              | 483.0 | 1.9                | 47.0 | 45.5                | 1155.8 | 31.8                  | 807.8 | 23.7           | 601.2 | 17.3           | 440.4 |
| XL   | 20.8              | 528.8 | 24.4              | 620.0 | 25.4              | 645.0 | 72.5        | 68.0        | 4.7         | 120.0 | 2.4              | 60.0 | 17.7               | 450.0 | 19.0              | 483.0 | 1.9                | 47.0 | 46.1                | 1171.0 | 33.1                  | 840.2 | 24.0           | 610.5 | 17.8           | 452.5 |
| XXL  | 20.8              | 528.8 | 25.0              | 635.0 | 26.0              | 660.0 | 72.5        | 68.0        | 4.7         | 120.0 | 2.4              | 60.0 | 17.7               | 450.0 | 19.0              | 483.0 | 1.9                | 47.0 | 46.7                | 1186.6 | 33.1                  | 840.2 | 24.0           | 610.5 | 18.4           | 467.5 |

## COMPONENT SIZING

| SIZE | Stem Length<br>in mm |       | Stem Angle<br>degrees | Handlebar Width<br>in mm |       | Crank Length<br>mm |
|------|----------------------|-------|-----------------------|--------------------------|-------|--------------------|
| XS   | 2.4                  | 60.0  | 7.0                   | 27.6                     | 700.0 | 170.0              |
| S    | 2.4                  | 60.0  | 7.0                   | 27.6                     | 700.0 | 170.0              |
| M    | 2.8                  | 70.0  | 7.0                   | 29.5                     | 750.0 | 175.0              |
| LG   | 3.1                  | 80.0  | 7.0                   | 29.5                     | 750.0 | 175.0              |
| XL   | 3.5                  | 90.0  | 7.0                   | 29.5                     | 750.0 | 175.0              |
| XXL  | 4.7                  | 100.0 | 7.0                   | 29.5                     | 750.0 | 180.0              |



\*Standover is measured from the top of the TT, at the center, with a tire measuring approximately Ø762mm  
All dimensions and specifications are subject to change.

## BIKE SPECIFICATIONS

| Component         | Type                                               |
|-------------------|----------------------------------------------------|
| Headset:          | Cane Creek 40                                      |
| Crankset:         | Surly O.D., 22/36t                                 |
| Bottom bracket:   | Surly Press Fit BB                                 |
| Brakes:           | Avid BB7, Centerline 180/160mm rotors front & rear |
| Brake levers:     | Avid FR-5                                          |
| Rims:             | Surly Rolling Darryl, 82mm w/speedholes            |
| Front hub:        | Salsa, 150 x 15mm Thru-axle Disc. 32h. Black       |
| Rear hub:         | Salsa 197 x 12mm Thru-axle Disc. 32h. 190mm, black |
| Front/Rear tires: | Surly Nate, 3.8", 120tpi                           |
| Shifters:         | Microshift SL-M10, trigger shifter                 |
| Front derailleur: | Shimano SLX FD-616D                                |
| Rear derailleur:  | Shimano SLX M675-65 SGS                            |
| Cog or cogset:    | Shimano SLX CS-HG5010-10, 11–36t, 10-speed         |
| Stem:             | H.L., 31.8mm                                       |
| Handlebar:        | Salsa Salt Flat                                    |
| Saddle:           | Velo VL-2155, CroMoly rails                        |
| Seatpost:         | Kalloy, 30.9 x 350mm                               |
| Chain:            | KMC X10RB                                          |

## FRAME SPECIFICATIONS

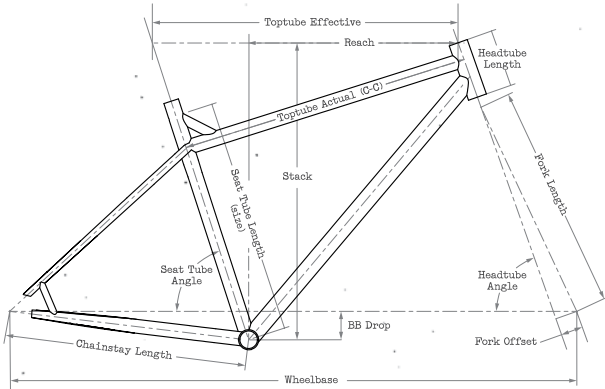
| Category                         | Description                                                                                                                                                        |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Tubing:                          | 100% Surly 4130 CroMoly steel. ED coated. Double-buttet, externally tapered main triangle. TIG-welded                                                              |
| Rear dropouts:                   | Surly Modular Dropout System gives you the option of 197 x 12mm thru-axle (Shimano direct-mount derailleur hanger [axle included]), 10mm QR geared, or singlespeed |
| Brake compatibility:             | 51mm I.S. disc mounts frame and fork                                                                                                                               |
| Braze-ons:                       | Dual water bottle mounts, (L–XXL), Surly Trip Guide full line guides for brake and derailleurs, fender and rack eyelets                                            |
| Seatpost diameter:               | 30.9mm                                                                                                                                                             |
| Seatpost clamp diameter:         | 33.1mm, Surly Constrictor clamp included                                                                                                                           |
| Headset:                         | 44mm ID. Recommend EC44 lower cups, Zero Stack on top is ok                                                                                                        |
| Front derailleur clamp diameter: | Direct-mount 34.9mm diameter (adapter included)                                                                                                                    |
| Bottom bracket shell:            | 132mm wide Surly Pressfit Bottom Bracket PF41/132                                                                                                                  |
| Chainring clearance:             | 22/36t NOTE: This is this specific to using a Surly O.D. Crank—use of other cranks may limit number and size of rings and may cause tire/chain rub!                |
| Tire clearance:                  | 4.8" tires. Hells yes                                                                                                                                              |
| Fork:                            | Tapered straight blade 4130 CroMoly. 483mm axle to crown, 47mm offset. 51mm I.S. front standard disc mount, 150mm x 15mm thru-axle dropouts (axle included)        |
| Color:                           | Black                                                                                                                                                              |

GEOMETRY

| SIZE | ST (C-T) |       | TT (C-C) |       | TT (EFF) |       | ST Angle | HT Angle | HT  |       | BB Drop |      | CS Length |       | FK (A-C) |       | FK Offset |      | Wheel Base |        | S.O. Height* |       | Stack |       | Reach |       |
|------|----------|-------|----------|-------|----------|-------|----------|----------|-----|-------|---------|------|-----------|-------|----------|-------|-----------|------|------------|--------|--------------|-------|-------|-------|-------|-------|
|      | in       | mm    | in       | mm    | in       | mm    |          |          | in  | mm    | in      | mm   | in        | mm    | in       | mm    | in        | mm   | in         | mm     | in           | mm    | in    | mm    | in    | mm    |
| XS   | 14.0     | 356.5 | 21.5     | 545.8 | 22.0     | 560.0 | 73.0     | 70.0     | 3.7 | 95.0  | 2.2     | 55.0 | 17.6      | 448.1 | 17.6     | 447.0 | 1.7       | 43.0 | 41.8       | 1061.6 | 28.9         | 734.9 | 22.0  | 558.9 | 15.3  | 387.7 |
| S    | 16.0     | 406.4 | 21.8     | 554.3 | 22.9     | 580.9 | 72.0     | 70.5     | 4.0 | 102.0 | 2.2     | 55.0 | 17.6      | 448.1 | 17.6     | 447.0 | 1.7       | 43.0 | 42.0       | 1067.4 | 29.9         | 758.7 | 22.3  | 567.5 | 15.6  | 395.6 |
| M    | 18.0     | 457.2 | 22.3     | 566.5 | 23.4     | 595.6 | 72.0     | 70.5     | 4.4 | 112.0 | 2.2     | 55.0 | 17.6      | 448.1 | 17.6     | 447.0 | 1.7       | 43.0 | 42.6       | 1082.4 | 31.0         | 786.5 | 22.7  | 576.9 | 16.0  | 407.2 |
| LG   | 20.0     | 508.0 | 22.9     | 581.9 | 24.0     | 610.1 | 72.0     | 70.5     | 5.1 | 130.0 | 2.2     | 55.0 | 17.6      | 448.1 | 17.6     | 447.0 | 1.7       | 43.0 | 43.2       | 1097.3 | 32.3         | 819.6 | 23.4  | 593.9 | 16.4  | 416.1 |
| XL   | 22.0     | 558.8 | 23.6     | 600.0 | 24.6     | 625.0 | 72.0     | 70.5     | 5.9 | 150.0 | 2.2     | 55.0 | 17.6      | 448.1 | 17.6     | 447.0 | 1.7       | 43.0 | 43.8       | 1112.7 | 33.6         | 853.0 | 24.1  | 612.8 | 16.7  | 424.9 |

COMPONENT SIZING

| SIZE | Stem Length |       | Stem Angle | Handlebar Width |       | Crank Length |
|------|-------------|-------|------------|-----------------|-------|--------------|
|      | in          | mm    | degrees    | in              | mm    | mm           |
| XS   | 3.5         | 90.0  | 7.0        | 27.6            | 700.0 | 170.0        |
| S    | 3.5         | 90.0  | 7.0        | 27.6            | 700.0 | 170.0        |
| M    | 3.9         | 100.0 | 7.0        | 29.5            | 750.0 | 175.0        |
| LG   | 3.9         | 110.0 | 7.0        | 29.5            | 750.0 | 175.0        |
| XL   | 4.7         | 120.0 | 7.0        | 29.5            | 750.0 | 175.0        |



\*Standover is measured from the top of the TT, at the center, with a tire measuring approximately Ø740mm  
All dimensions and specifications are subject to change.

BIKE SPECIFICATIONS

| Component         | Type                                                |
|-------------------|-----------------------------------------------------|
| Headset:          | Cane Creek 40                                       |
| Crankset:         | SRAM X5, 36/22t                                     |
| Bottom bracket:   | SRAM GXP                                            |
| Brakes:           | Avid BB7, Centerline 180/160mm rotors front & rear  |
| Brake levers:     | Avid FR-5                                           |
| Rims:             | Surly Marge Lite, 65mm w/speedholes                 |
| Front hub:        | Surly Ultra New Disc, 32h. 135mm, black w/bolts     |
| Rear hub:         | Shimano FH-M525 6-bolt Disc, 32h. 135mm; black w/QR |
| Front/Rear tires: | Surly Nate 26 x 3.8", 27tpi                         |
| Shifters:         | Microshift SL-T10, thumb shifter                    |
| Front derailleur: | Shimano FD-616-D                                    |
| Rear derailleur:  | Shimano M615 Shadow+                                |
| Cog or cogset:    | Shimano CS-HG50-10, 11-36t, 10-speed                |
| Stem:             | H.L., 31.8mm                                        |
| Handlebar:        | Salsa ProMoto 2                                     |
| Saddle:           | Velo VL2155, CroMoly rails                          |
| Seatpost:         | Kalloy 272 x 350mm                                  |
| Chain:            | KMC w/rust proof coatin'                            |

FRAME SPECIFICATIONS

| Category                         | Description                                                                                                                                                                                |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Tubing:                          | Surly 4130 CroMoly steel.<br>Main triangle double-buttet. TIG-welded                                                                                                                       |
| Rear dropouts:                   | Surly horizontal rear load, with derailleur hanger;<br>135mm O.L.D.; offset 17.5mm                                                                                                         |
| Brake compatibility:             | 51mm I.S. disc mounts frame and fork. NOTE: PLEASE<br>CHECK YOUR FORK SPECIFICATIONS FOR SPECIFIC<br>BRAKE ADAPTOR REQUIREMENTS. SOME OF OUR<br>FORKS USE REAR BRAKE ADAPTORS!             |
| Braze-ons:                       | Dual water bottle mounts, Surly Trip Guide full line<br>guides for brake and derailleurs, fender and rack eyelets                                                                          |
| Seatpost diameter:               | 27.2mm                                                                                                                                                                                     |
| Seatpost clamp diameter:         | 30.0mm, Surly stainless included                                                                                                                                                           |
| Headset/Steertube:               | 1-1/8" threadless                                                                                                                                                                          |
| Front derailleur clamp diameter: | 28.6mm, high direct-mount (adaptor included)                                                                                                                                               |
| Bottom bracket shell:            | 100mm wide, standard English threading (1.37" x 24t)                                                                                                                                       |
| Chaining clearance:              | Compact triple: 22/32/44t (with 65mm rim)                                                                                                                                                  |
| Tire clearance:                  | 3.8" on 82mm rims. Use of 82mm rims requires<br>the use of Surly O.D. Crank or truncated cassette to<br>avoid tire/chain rub. Standard mountain triple gearing<br>will work with 65mm rims |
| Fork:                            | 447mm axle to crown, tapered straight blade, 4130<br>CroMoly. 51mm I.S. disc mount. 135mm-spaced<br>dropouts. 17.5mm offset fork available after market                                    |
| Weight:                          | 5.5 lb (2.5 kg) Fork—uncut = 2.64 lb (1200g)                                                                                                                                               |
| Color:                           | Grassy Green                                                                                                                                                                               |

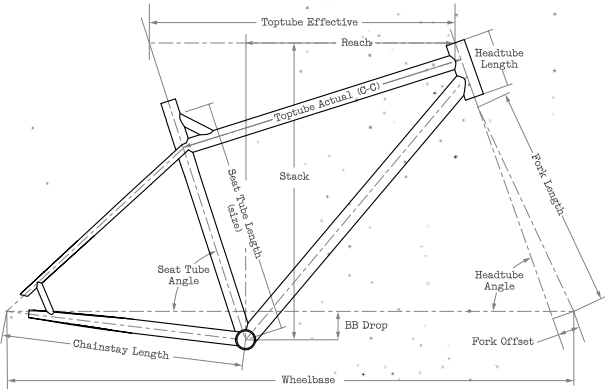
PUG OPS

GEOMETRY

| SIZE | ST (C-T) |       | TT (C-C) |       | TT (EFF) |       | ST    | HT    | HT  |       | BB Drop |      | CS Length |       | FK (A-C) |       | FK Offset |      | Wheel Base |        | S.O. Height* |       | Stack |       | Reach |       |
|------|----------|-------|----------|-------|----------|-------|-------|-------|-----|-------|---------|------|-----------|-------|----------|-------|-----------|------|------------|--------|--------------|-------|-------|-------|-------|-------|
|      | in       | mm    | in       | mm    | in       | mm    | Angle | Angle | in  | mm    | in      | mm   | in        | mm    | in       | mm    | in        | mm   | in         | mm     | in           | mm    | in    | mm    | in    | mm    |
| XS   | 14.0     | 356.5 | 21.5     | 545.8 | 22.0     | 560.0 | 73.0  | 70.0  | 3.7 | 95.0  | 2.2     | 55.0 | 17.6      | 448.1 | 17.6     | 447.0 | 1.7       | 43.0 | 41.8       | 1061.6 | 28.9         | 734.9 | 22.0  | 558.9 | 15.3  | 387.7 |
| S    | 16.0     | 406.4 | 21.8     | 554.3 | 22.9     | 580.9 | 72.0  | 70.5  | 4.0 | 102.0 | 2.2     | 55.0 | 17.6      | 448.1 | 17.6     | 447.0 | 1.7       | 43.0 | 42.0       | 1067.4 | 29.9         | 758.7 | 22.3  | 567.5 | 15.6  | 395.6 |
| M    | 18.0     | 457.2 | 22.3     | 566.5 | 23.4     | 595.6 | 72.0  | 70.5  | 4.4 | 112.0 | 2.2     | 55.0 | 17.6      | 448.1 | 17.6     | 447.0 | 1.7       | 43.0 | 42.6       | 1082.4 | 31.0         | 786.5 | 22.7  | 576.9 | 16.0  | 407.2 |
| LG   | 20.0     | 508.0 | 22.9     | 581.9 | 24.0     | 610.1 | 72.0  | 70.5  | 5.1 | 130.0 | 2.2     | 55.0 | 17.6      | 448.1 | 17.6     | 447.0 | 1.7       | 43.0 | 43.2       | 1097.3 | 32.3         | 819.6 | 23.4  | 593.9 | 16.4  | 416.1 |
| XL   | 22.0     | 558.8 | 23.6     | 600.0 | 24.6     | 625.0 | 72.0  | 70.5  | 5.9 | 150.0 | 2.2     | 55.0 | 17.6      | 448.1 | 17.6     | 447.0 | 1.7       | 43.0 | 43.8       | 1112.7 | 33.6         | 853.0 | 24.1  | 612.8 | 16.7  | 424.9 |

COMPONENT SIZING

| SIZE | Stem Length |       | Stem Angle | Handlebar Width |       | Crank Length |
|------|-------------|-------|------------|-----------------|-------|--------------|
|      | in          | mm    | degrees    | in              | mm    | mm           |
| XS   | 3.5         | 90.0  | 7.0        | 27.6            | 700.0 | 170.0        |
| S    | 3.5         | 90.0  | 7.0        | 27.6            | 700.0 | 170.0        |
| M    | 3.9         | 100.0 | 7.0        | 29.5            | 750.0 | 175.0        |
| LG   | 4.3         | 110.0 | 7.0        | 29.5            | 750.0 | 175.0        |
| XL   | 4.7         | 120.0 | 7.0        | 29.5            | 750.0 | 180.0        |



\*Standover is measured from the top of the TT, at the center, with a tire measuring approximately Ø740mm  
All dimensions and specifications are subject to change.

BIKE SPECIFICATIONS

| Component         | Type                                                           |
|-------------------|----------------------------------------------------------------|
| Headset:          | Cane Creek 40                                                  |
| Crankset:         | Surly O.D., 36/22t                                             |
| Bottom bracket:   | SRAM GXP                                                       |
| Brakes:           | SRAM Guide RS, Centerline 180/160mm rotors front & rear        |
| Brake levers:     | SRAM Guide RS                                                  |
| Rims:             | Surly Rolling Darryl 82mm w/speedholes; painted to match frame |
| Front hub:        | Surly Ultra New Disc, 32h. 135mm, black w/bolts                |
| Rear hub:         | Shimano FH-M525, 6-bolt Disc, 32h Freehub. 135mm black w/QR    |
| Front/Rear tires: | Surly Nate 26 x 3.8", 60tpi                                    |
| Shifters:         | SRAM X7, trigger shifters                                      |
| Front derailleur: | SRAM X7, direct-mount                                          |
| Rear derailleur:  | SRAM X9, type 2                                                |
| Cog or cogset:    | SRAM PG1030, 11–36t, 10-speed                                  |
| Stem:             | H.L., 31.8mm                                                   |
| Handlebar:        | Salsa Salt Flat                                                |
| Saddle:           | Velo VL2155, CroMoly rails                                     |
| Seatpost:         | Kalloy, 27.2 x 350mm                                           |
| Chain:            | KMC w/rust proof coatin'                                       |

FRAME SPECIFICATIONS

| Category                         | Description                                                                                                                                                                       |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Tubing:                          | Surly 4130 CroMoly steel.<br>Main triangle double-buttet. TIG-welded                                                                                                              |
| Rear dropouts:                   | Surly horizontal rear load, with derailleur hanger; 135mm O.L.D.; offset 17.5mm                                                                                                   |
| Brake compatibility:             | 51mm I.S. disc mounts frame and fork. NOTE: PLEASE CHECK YOUR FORK SPECIFICATIONS FOR SPECIFIC BRAKE ADAPTOR REQUIREMENTS. SOME OF OUR FORKS USE REAR BRAKE ADAPTORS!             |
| Braze-ons:                       | Dual water bottle mounts, Surly Trip Guide full line guides for brake and derailleurs, fender and rack eyelets                                                                    |
| Seatpost diameter:               | 27.2mm,                                                                                                                                                                           |
| Seatpost clamp diameter:         | 30.0mm, Surly stainless included                                                                                                                                                  |
| Headset/Steertube:               | 1-1/8" threadless                                                                                                                                                                 |
| Front derailleur clamp diameter: | 28.6mm, high direct-mount (adaptor included)                                                                                                                                      |
| Bottom bracket shell:            | 100mm wide, standard English threading (1.37" x 24t)                                                                                                                              |
| Chaining clearance:              | Compact triple: 22/32/44t (with 65mm rim)                                                                                                                                         |
| Tire clearance:                  | 3.8" on 82mm rims. Use of 82mm rims requires the use of Surly O.D. Crank or truncated cassette to avoid tire/chain rub. Standard mountain triple gearing will work with 65mm rims |
| Fork:                            | 447mm axle to crown, tapered straight blade, 4130 CroMoly. 51mm I.S. disc mount. 135mm-spaced dropouts. 17.5mm offset fork available after market                                 |
| Weight:                          | 5.5 lb (2.5 kg) Fork—uncut = 2.64 lb (1200g)                                                                                                                                      |
| Color:                           | BattleShip Gray                                                                                                                                                                   |

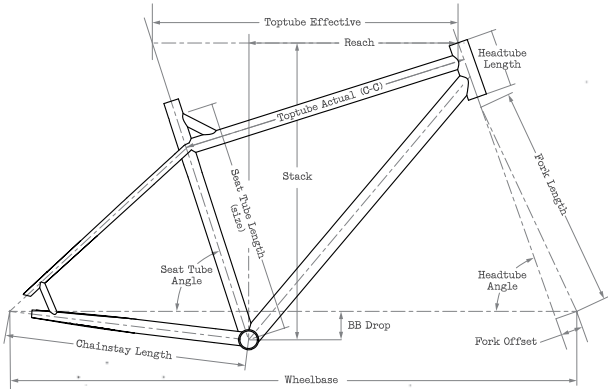
PUG 55

GEOMETRY

| SIZE | ST (C-T) |       | TT (C-C) |       | TT (EFF) |       | ST Angle | HT Angle | HT  |       | BB Drop |      | CS Length |       | FK (A-C) |       | FK Offset |      | Wheel Base |        | S.O. Height* |       | Stack |       | Reach |       |
|------|----------|-------|----------|-------|----------|-------|----------|----------|-----|-------|---------|------|-----------|-------|----------|-------|-----------|------|------------|--------|--------------|-------|-------|-------|-------|-------|
|      | in       | mm    | in       | mm    | in       | mm    |          |          | in  | mm    | in      | mm   | in        | mm    | in       | mm    | in        | mm   | in         | mm     | in           | mm    | in    | mm    | in    | mm    |
| XS   | 14.0     | 356.5 | 21.5     | 545.8 | 22.0     | 560.0 | 73.0     | 70.0     | 3.7 | 95.0  | 2.2     | 55.0 | 17.6      | 448.1 | 17.6     | 447.0 | 1.7       | 43.0 | 41.8       | 1061.6 | 28.9         | 734.9 | 22.0  | 558.9 | 15.3  | 387.7 |
| S    | 16.0     | 406.4 | 21.8     | 554.3 | 22.9     | 580.9 | 72.0     | 70.5     | 4.0 | 102.0 | 2.2     | 55.0 | 17.6      | 448.1 | 17.6     | 447.0 | 1.7       | 43.0 | 42.0       | 1067.4 | 29.9         | 758.7 | 22.3  | 567.5 | 15.6  | 395.6 |
| M    | 18.0     | 457.2 | 22.3     | 566.5 | 23.4     | 595.6 | 72.0     | 70.5     | 4.4 | 112.0 | 2.2     | 55.0 | 17.6      | 448.1 | 17.6     | 447.0 | 1.7       | 43.0 | 42.6       | 1082.4 | 31.0         | 786.5 | 22.7  | 576.9 | 16.0  | 407.2 |
| LG   | 20.0     | 508.0 | 22.9     | 581.9 | 24.0     | 610.1 | 72.0     | 70.5     | 5.1 | 130.0 | 2.2     | 55.0 | 17.6      | 448.1 | 17.6     | 447.0 | 1.7       | 43.0 | 43.2       | 1097.3 | 32.3         | 819.6 | 23.4  | 593.9 | 16.4  | 416.1 |
| XL   | 22.0     | 558.8 | 23.6     | 600.0 | 24.6     | 625.0 | 72.0     | 70.5     | 5.9 | 150.0 | 2.2     | 55.0 | 17.6      | 448.1 | 17.6     | 447.0 | 1.7       | 43.0 | 43.8       | 1112.7 | 33.6         | 853.0 | 24.1  | 612.8 | 16.7  | 424.9 |

COMPONENT SIZING

| SIZE | Stem Length |       | Stem Angle | Handlebar Width |       | Crank Length |
|------|-------------|-------|------------|-----------------|-------|--------------|
|      | in          | mm    | degrees    | in              | mm    | mm           |
| XS   | 3.5         | 90.0  | 7.0        | 27.6            | 700.0 | 170.0        |
| S    | 3.5         | 90.0  | 7.0        | 27.6            | 700.0 | 170.0        |
| M    | 3.9         | 100.0 | 7.0        | 29.5            | 750.0 | 175.0        |
| LG   | 4.3         | 110.0 | 7.0        | 29.5            | 750.0 | 175.0        |
| XL   | 4.7         | 120.0 | 7.0        | 29.5            | 750.0 | 180.0        |



\*Standover is measured from the top of the TT, at the center, with a tire measuring approximately Ø740mm  
All dimensions and specifications are subject to change.

BIKE SPECIFICATIONS

| Component         | Type                                                |
|-------------------|-----------------------------------------------------|
| Headset:          | Cane Creek 40                                       |
| Crankset:         | Surly O.D., 33t                                     |
| Bottom bracket:   | Surly Enduro                                        |
| Brakes:           | Avid BB7, Centerline 180/160mm rotors front & rear  |
| Brake levers:     | Avid FR5                                            |
| Rims:             | Surly Marge Lite, 65mm w/speedholes                 |
| Front hub:        | Surly Ultra New Disc, 32h. 135mm, black w/bolts     |
| Rear hub:         | Shimano 525, 6-bolt, 32h freehub. 135mm, black w/QR |
| Front/Rear tires: | Surly Knard 26 x 3.8", 120tpi                       |
| Shifters:         | Of course not.                                      |
| Front derailleur: | Nope.                                               |
| Rear derailleur:  | It's a singlespeed!                                 |
| Cog or cogset:    | Surly 19t, 3/32" SS Cog, stainless w/spacer kit     |
| Stem:             | H.L., 31.8mm                                        |
| Handlebar:        | Salsa ProMoto 2                                     |
| Saddle:           | Velo VL2155, CroMoly rails                          |
| Seatpost:         | Kalloy SP-342 , 272 x 350mm, black                  |
| Chain:            | KMC X9                                              |

FRAME SPECIFICATIONS

| Category                         | Description                                                                                                                                                                                |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Tubing:                          | Surly 4130 CroMoly steel.<br>Main triangle double-buttet. TIG-welded                                                                                                                       |
| Rear dropouts:                   | Surly horizontal rear load, with derailleur hanger;<br>135mm O.L.D.; offset 17.5mm                                                                                                         |
| Brake compatibility:             | 51mm I.S. disc mounts frame and fork. NOTE:<br>PLEASE CHECK YOUR FORK SPECIFICATIONS FOR<br>SPECIFIC BRAKE ADAPTOR REQUIREMENTS. SOME<br>OF OUR FORKS USE REAR BRAKE ADAPTORS!             |
| Braze-ons:                       | Dual water bottle mounts, Surly Trip Guide full line guides<br>for brake and derailleurs, fender and rack eyelets                                                                          |
| Seatpost diameter:               | 27.2mm                                                                                                                                                                                     |
| Seatpost clamp diameter:         | 30.0mm, Surly stainless included                                                                                                                                                           |
| Headset/Steertube:               | 1-1/8" threadless                                                                                                                                                                          |
| Front derailleur clamp diameter: | 28.6mm, high direct-mount (adaptor included)                                                                                                                                               |
| Bottom bracket shell:            | 100mm wide, standard English threading (1.37" x 24t)                                                                                                                                       |
| Chaining clearance:              | Compact triple: 22/32/44t (with 65mm rim)                                                                                                                                                  |
| Tire clearance:                  | 3.8" on 82mm rims. Use of 82mm rims requires<br>the use of Surly O.D. Crank or truncated cassette to<br>avoid tire/chain rub. Standard mountain triple gearing<br>will work with 65mm rims |
| Fork:                            | 447mm axle to crown, tapered straight blade, 4130<br>CroMoly. 51mm I.S. disc mount. 135mm-spaced<br>dropouts. 17.5mm offset fork available after market                                    |
| Weight:                          | 5.5 lb (2.5 kg) Fork—uncut = 2.64 lb (1200g)                                                                                                                                               |
| Color:                           | Grape Soda                                                                                                                                                                                 |

# STRAGGLER

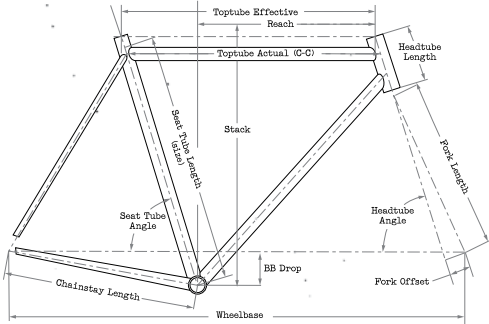
## GEOMETRY

| SIZE | ST (C-T) |       | TT (C-C) |       | TT (EFF) |       | ST    | HT    | HT  |       | BB Drop |      | CS Length |       | FK (A-C) |       | FK Offset |      | Wheel Base |        | S.O. Height* |       | Stack |       | Reach |       |
|------|----------|-------|----------|-------|----------|-------|-------|-------|-----|-------|---------|------|-----------|-------|----------|-------|-----------|------|------------|--------|--------------|-------|-------|-------|-------|-------|
|      | in       | mm    | in       | mm    | in       | mm    | Angle | Angle | in  | mm    | in      | mm   | in        | mm    | in       | mm    | in        | mm   | in         | mm     | in           | mm    | in    | mm    | in    | mm    |
| 42cm | 16.5     | 420.0 | 19.8     | 502.7 | 20.5     | 520.0 | 75.0  | 72.0  | 3.6 | 91.0  | 2.8     | 72.0 | 16.5      | 420.0 | 15.7     | 400.0 | 1.7       | 44.0 | 38.8       | 985.2  | 28.7         | 729.8 | 21.0  | 534.0 | 14.8  | 377.1 |
| 46cm | 18.1     | 460.0 | 20.2     | 513.3 | 20.8     | 528.0 | 74.5  | 72.0  | 3.6 | 91.0  | 2.8     | 72.0 | 16.5      | 420.0 | 15.7     | 400.0 | 1.7       | 44.0 | 38.9       | 988.4  | 29.5         | 749.7 | 21.0  | 534.0 | 14.9  | 379.1 |
| 50cm | 19.7     | 500.0 | 20.7     | 526.9 | 21.1     | 535.0 | 74.0  | 72.0  | 3.6 | 91.0  | 2.8     | 72.0 | 16.7      | 425.0 | 15.7     | 400.0 | 1.7       | 44.0 | 39.2       | 995.7  | 30.3         | 768.5 | 21.0  | 534.0 | 15.0  | 380.5 |
| 52cm | 20.5     | 520.0 | 21.5     | 546.3 | 21.7     | 550.0 | 73.5  | 72.0  | 3.6 | 91.0  | 2.8     | 72.0 | 16.7      | 425.0 | 15.7     | 400.0 | 1.7       | 44.0 | 39.6       | 1006.0 | 30.6         | 777.3 | 21.0  | 534.0 | 15.4  | 390.8 |
| 54cm | 21.3     | 540.0 | 22.2     | 563.3 | 22.2     | 565.0 | 73.0  | 72.0  | 4.2 | 107.0 | 2.8     | 72.0 | 16.7      | 425.0 | 15.7     | 400.0 | 1.7       | 44.0 | 40.0       | 1016.5 | 31.2         | 791.7 | 21.6  | 549.2 | 15.6  | 396.3 |
| 56cm | 22.0     | 560.0 | 22.8     | 579.7 | 22.8     | 580.0 | 72.5  | 72.0  | 4.8 | 121.0 | 2.8     | 72.0 | 16.9      | 430.0 | 15.7     | 400.0 | 1.7       | 44.0 | 40.6       | 1031.9 | 31.9         | 809.4 | 22.3  | 567.3 | 15.8  | 400.7 |
| 58cm | 22.8     | 580.0 | 23.4     | 593.2 | 23.4     | 595.0 | 72.5  | 72.0  | 5.7 | 146.0 | 2.8     | 72.0 | 16.9      | 430.0 | 15.7     | 400.0 | 1.7       | 44.0 | 41.2       | 1047.0 | 32.6         | 828.7 | 23.3  | 591.1 | 16.1  | 408.2 |
| 60cm | 23.6     | 600.0 | 23.9     | 608.0 | 24.0     | 610.0 | 72.0  | 72.0  | 6.5 | 165.0 | 2.8     | 72.0 | 16.9      | 430.0 | 15.7     | 400.0 | 1.7       | 44.0 | 41.6       | 1056.8 | 33.3         | 846.1 | 24.0  | 609.1 | 16.2  | 412.1 |
| 62cm | 24.4     | 620.0 | 24.5     | 623.0 | 24.6     | 625.0 | 72.0  | 72.0  | 7.3 | 185.0 | 2.8     | 72.0 | 16.9      | 430.0 | 15.7     | 400.0 | 1.7       | 44.0 | 42.2       | 1071.8 | 34.1         | 865.0 | 24.7  | 628.2 | 16.6  | 420.9 |
| 64cm | 25.2     | 640.0 | 25.2     | 640.1 | 25.2     | 640.0 | 72.0  | 72.0  | 7.8 | 198.0 | 2.8     | 72.0 | 16.9      | 430.0 | 15.7     | 400.0 | 1.7       | 44.0 | 42.8       | 1086.8 | 34.8         | 884.0 | 25.2  | 640.5 | 17.0  | 431.9 |

## COMPONENT SIZING

| SIZE | Stem Length<br>in mm |       | Stem Angle<br>degrees | Handlebar Width<br>in mm |       | Crank Length<br>mm |
|------|----------------------|-------|-----------------------|--------------------------|-------|--------------------|
| 42cm | 2.8                  | 70.0  | 7.0                   | 15.8                     | 400.0 | 170.0              |
| 46cm | 3.1                  | 80.0  | 7.0                   | 15.8                     | 400.0 | 170.0              |
| 50cm | 3.1                  | 80.0  | 7.0                   | 15.8                     | 400.0 | 170.0              |
| 52cm | 3.9                  | 100.0 | 7.0                   | 16.5                     | 420.0 | 170.0              |
| 54cm | 3.9                  | 100.0 | 7.0                   | 16.5                     | 420.0 | 172.5              |
| 56cm | 3.9                  | 100.0 | 7.0                   | 17.3                     | 440.0 | 172.5              |
| 58cm | 4.7                  | 120.0 | 7.0                   | 17.3                     | 440.0 | 175.0              |
| 60cm | 4.7                  | 120.0 | 7.0                   | 18.1                     | 460.0 | 175.0              |
| 62cm | 4.7                  | 120.0 | 7.0                   | 18.1                     | 460.0 | 175.0              |
| 64cm | 4.7                  | 120.0 | 7.0                   | 18.1                     | 460.0 | 175.0              |

\*Standover is measured from the top of the TT, at the center, with a tire measuring approximately Ø718mm  
All dimensions and specifications are subject to change.



## BIKE SPECIFICATIONS

| Component         | Type                                                                                    |
|-------------------|-----------------------------------------------------------------------------------------|
| Headset:          | Cane Creek 40                                                                           |
| Crankset:         | SRAM Apex, 50/34t                                                                       |
| Bottom bracket:   | SRAM GXP                                                                                |
| Brakes:           | Hayes CX-expert, V-series 160mm rotors front & rear                                     |
| Brake levers:     | SRAM Apex                                                                               |
| Rims:             | Alex XD-E Lite                                                                          |
| Front hub:        | Formula RX25 Disc, 32h. 100mm, black w/QR                                               |
| Rear hub:         | Formula RX2611 Disc, 32h. 135mm, black w/QR                                             |
| Front/Rear tires: | Surly Knard 700c x 41, 27tpi                                                            |
| Shifters:         | SRAM Apex, DoubleTap® shifter                                                           |
| Front derailleur: | SRAM Apex                                                                               |
| Rear derailleur:  | SRAM Apex WiFLi                                                                         |
| Cog or cogset:    | Microshift 11–32t, 10-speed                                                             |
| Stem:             | H.L. 31.8mm                                                                             |
| Handlebar:        | Salsa Cowbell                                                                           |
| Saddle:           | Velo VL-1353, CroMoly rails                                                             |
| Seatpost:         | Kalloy SP-368 non-offset (42–50cm);<br>Kalloy SP-248D offset (52–64cm),<br>27.2 x 300mm |
| Chain:            | KMC X10, chainy                                                                         |

## FRAME SPECIFICATIONS

| Category                         | Description                                                                                                                                                                                                                             |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Tubing:                          | Surly 4130 CroMoly steel.<br>Main triangle double-buttet. TIG-welded                                                                                                                                                                    |
| Rear dropouts:                   | Forward–exiting horizontal dropouts with<br>adjusters give you singlespeed compatibility and<br>wheelbase adjustability to help you fit the tires<br>and fenders you want to run with that drivetrain<br>you want to run. 135mm spacing |
| Brake compatibility:             | Disc only. 160mm max rotor size                                                                                                                                                                                                         |
| Braze-ons:                       | Fender eyelets at the dropouts, front and rear<br>rack bosses and dual water bottle mounts. Oh<br>yeah, it sports downtube shifter mounts also                                                                                          |
| Seatpost diameter:               | 27.2mm                                                                                                                                                                                                                                  |
| Seatpost clamp diameter:         | 30.0mm, Surly stainless clamp included                                                                                                                                                                                                  |
| Headset/Steertube:               | 1-1/8" threadless                                                                                                                                                                                                                       |
| Front derailleur clamp diameter: | 28.6mm                                                                                                                                                                                                                                  |
| Bottom bracket shell:            | 68mm wide, standard English threaded 1.37 x 24t                                                                                                                                                                                         |
| Chaining clearance:              | Manipulated so you can fit pretty much<br>whatever size rings you want. Go nuts!                                                                                                                                                        |
| Tire clearance:                  | Our Fatties Fit Fine (FFF) stays and our beautiful<br>slope-crowned custom fork provide room for tires<br>up to 700c x 42mm! With fenders!                                                                                              |
| Fork:                            | 4130 CroMoly, disc only, lugged and brazed.<br>Sloping crown with threaded eyelets, tapered and<br>butted curved blades with mid-blade rack eyelets,<br>dual dropout eyelets                                                            |
| Weight:                          | 54cm = 4.74 lb (2.27kg) Fork—uncut = 2.3 lb (1050g)                                                                                                                                                                                     |
| Color:                           | Mint & Black                                                                                                                                                                                                                            |

STRAGGLER 650b

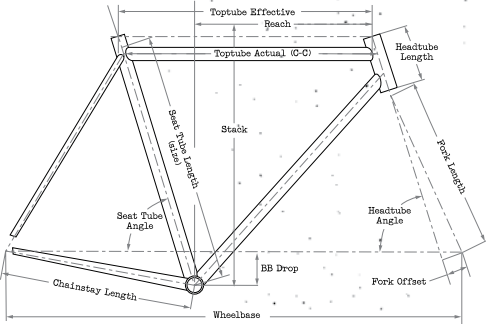
GEOMETRY

| SIZE | ST (C-T) |       | TT (C-C) |       | TT (EFF) |       | ST Angle | HT Angle | HT  |       | BB Drop |      | CS Length |       | FK (A-C) |       | FK Offset |      | Wheel Base |        | S.O. Height* |       | Stack |       | Reach |       |
|------|----------|-------|----------|-------|----------|-------|----------|----------|-----|-------|---------|------|-----------|-------|----------|-------|-----------|------|------------|--------|--------------|-------|-------|-------|-------|-------|
|      | in       | mm    | in       | mm    | in       | mm    |          |          | in  | mm    | in      | mm   | in        | mm    | in       | mm    | in        | mm   | in         | mm     | in           | mm    | in    | mm    | in    | mm    |
| 38cm | 15.0     | 380.0 | 19.1     | 484.4 | 19.7     | 500.0 | 75.5     | 69.5     | 3.3 | 85.0  | 2.1     | 54.0 | 15.9      | 405.0 | 15.0     | 380.0 | 1.7       | 44.0 | 38.6       | 980.0  | 27.7         | 704.0 | 19.0  | 483.0 | 14.6  | 371.0 |
| 42cm | 16.5     | 420.0 | 19.5     | 495.1 | 20.1     | 510.0 | 74.5     | 70.0     | 3.9 | 100.0 | 2.1     | 54.0 | 15.9      | 405.0 | 15.0     | 380.0 | 1.7       | 44.0 | 38.5       | 978.0  | 28.6         | 726.0 | 19.6  | 498.0 | 14.5  | 369.0 |
| 46cm | 18.1     | 460.0 | 20.0     | 508.0 | 20.5     | 520.0 | 74.0     | 71.0     | 4.3 | 110.0 | 2.1     | 54.0 | 15.9      | 405.0 | 15.0     | 380.0 | 1.7       | 44.0 | 38.5       | 977.0  | 29.6         | 751.0 | 20.1  | 511.0 | 14.6  | 371.0 |
| 50cm | 19.7     | 500.0 | 20.9     | 529.7 | 21.1     | 535.0 | 74.0     | 71.5     | 4.7 | 120.0 | 2.1     | 54.0 | 15.9      | 405.0 | 15.0     | 380.0 | 1.7       | 44.0 | 38.9       | 988.0  | 30.6         | 776.0 | 20.6  | 523.0 | 15.1  | 383.0 |
| 52cm | 20.5     | 520.0 | 21.5     | 545.9 | 21.7     | 550.0 | 73.0     | 72.0     | 5.1 | 130.0 | 2.1     | 54.0 | 15.9      | 405.0 | 15.0     | 380.0 | 1.7       | 44.0 | 39.0       | 990.0  | 31.1         | 789.0 | 21.0  | 534.0 | 15.2  | 386.0 |
| 54cm | 21.3     | 540.0 | 22.1     | 561.8 | 22.2     | 565.0 | 72.5     | 72.0     | 5.7 | 145.0 | 2.1     | 54.0 | 16.1      | 410.0 | 15.0     | 380.0 | 1.7       | 44.0 | 39.6       | 1005.0 | 31.7         | 806.0 | 21.6  | 548.0 | 15.4  | 392.0 |
| 56cm | 22.0     | 560.0 | 22.8     | 578.3 | 22.8     | 580.0 | 72.5     | 72.0     | 6.3 | 160.0 | 2.1     | 54.0 | 16.1      | 410.0 | 15.0     | 380.0 | 1.7       | 44.0 | 40.2       | 1020.0 | 32.4         | 822.0 | 22.2  | 563.0 | 15.8  | 402.0 |
| 58cm | 22.8     | 580.0 | 23.3     | 591.8 | 23.4     | 595.0 | 72.5     | 72.0     | 7.3 | 185.0 | 2.1     | 54.0 | 16.1      | 410.0 | 15.0     | 380.0 | 1.7       | 44.0 | 40.7       | 1035.0 | 33.2         | 844.0 | 23.1  | 586.0 | 16.1  | 410.0 |

COMPONENT SIZING

| SIZE | Stem Length<br>in      mm |       | Stem Angle<br>degrees | Handlebar Width<br>in      mm |       | Crank Length<br>mm |
|------|---------------------------|-------|-----------------------|-------------------------------|-------|--------------------|
| 38cm | 2.4                       | 60.0  | 7.0                   | 15.0                          | 380.0 | 165.0              |
| 42cm | 2.4                       | 60.0  | 7.0                   | 15.0                          | 380.0 | 165.0              |
| 46cm | 2.8                       | 70.0  | 7.0                   | 15.8                          | 400.0 | 165.0              |
| 50cm | 3.1                       | 80.0  | 7.0                   | 15.8                          | 400.0 | 170.0              |
| 52cm | 3.9                       | 100.0 | 7.0                   | 16.5                          | 420.0 | 170.0              |
| 54cm | 3.9                       | 100.0 | 7.0                   | 16.5                          | 420.0 | 175.0              |
| 56cm | 3.9                       | 100.0 | 7.0                   | 17.3                          | 440.0 | 175.0              |
| 58cm | 4.7                       | 120.0 | 7.0                   | 17.3                          | 440.0 | 175.0              |

\*Standover is measured from the top of the TT, at the center, with a tire measuring approximately Ø718mm  
All dimensions and specifications are subject to change.



BIKE SPECIFICATIONS

| Component         | Type                                                                                    |
|-------------------|-----------------------------------------------------------------------------------------|
| Headset:          | Cane Creek 40                                                                           |
| Crankset:         | SRAM Apex 50/34t                                                                        |
| Bottom bracket:   | SRAM GXP                                                                                |
| Brakes:           | Hayes CX-expert, V-series160mm rotors front & rear                                      |
| Brake levers:     | SRAM Apex                                                                               |
| Rims:             | Alex XD-E Lite                                                                          |
| Front hub:        | Formula RX25 Disc, 32h. 100mm, black w/QR                                               |
| Rear hub:         | Formula RX2611 Disc, 32h. 135mm, black w/QR                                             |
| Front/Rear tires: | Surly Knard 650b x 41, 60tpi                                                            |
| Shifters:         | SRAM Apex DoubleTap® shifter                                                            |
| Front derailleur: | SRAM Apex                                                                               |
| Rear derailleur:  | SRAM Apex WiFLi                                                                         |
| Cog or cogset:    | Microshift 11-32t, 10-speed                                                             |
| Stem:             | H.L., 31.8mm                                                                            |
| Handlebar:        | Salsa Cowbell                                                                           |
| Saddle:           | Velo VL-1353, CroMoly rails                                                             |
| Seatpost:         | Kalloy SP-368 non-offset (38-50cm);<br>Kalloy SP-248D offset (52-58cm);<br>27.2 x 300mm |
| Chain:            | KMC X10, chainy                                                                         |

FRAME SPECIFICATIONS

| Category                         | Description                                                                                                                                                                                                                             |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Tubing:                          | Surly 4130 CroMoly steel.<br>Main triangle double-butted. TIG-welded                                                                                                                                                                    |
| Rear dropouts:                   | Forward-exiting horizontal dropouts with<br>adjusters give you singlespeed compatibility<br>and wheelbase adjustability to help you fit the<br>tires and fenders you want to run with that<br>drivetrain you want to run. 135mm spacing |
| Brake compatibility:             | Disc only. 160mm max rotor size                                                                                                                                                                                                         |
| Braze-ons:                       | Fender eyelets at the dropouts, front and rear<br>rack bosses and dual water bottle mounts.<br>Oh yeah, it sports downtube shifter mounts also                                                                                          |
| Seatpost diameter:               | 27.2mm                                                                                                                                                                                                                                  |
| Seatpost clamp diameter:         | 30.0mm, Surly stainless clamp included                                                                                                                                                                                                  |
| Headset/Steertube:               | 1-1/8" threadless                                                                                                                                                                                                                       |
| Front derailleur clamp diameter: | 28.6mm                                                                                                                                                                                                                                  |
| Bottom bracket shell:            | 68mm wide, standard English threaded 1.37 x 24t                                                                                                                                                                                         |
| Chaining clearance:              | Manipulated so you can fit pretty much<br>whatever size rings you want. Go nuts!                                                                                                                                                        |
| Tire clearance:                  | Our Fatties Fit Fine (FFF) stays and our beautiful<br>slope-crowned custom fork provide room for tires<br>up to 650b x 42mm! With fenders!                                                                                              |
| Fork:                            | 4130 CroMoly, disc only, lugged and brazed.<br>Sloping crown with threaded eyelets, tapered and<br>butted curved blades with mid-blade rack eyelets,<br>dual dropout eyelets                                                            |
| Weight:                          | 54cm = 4.74 lb (2.27kg) Fork—uncut = 2.3 lb (1050g)                                                                                                                                                                                     |
| Color:                           | Mint & Black                                                                                                                                                                                                                            |

CROSS-CHECK

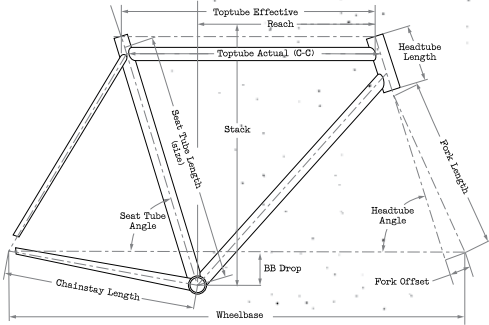
GEOMETRY

| SIZE | ST (C-T) |       | TT (C-C) |       | TT (EFF) |       | ST    | HT    | HT  |       | BB Drop |      | CS Length |       | FK (A-C) |       | FK Offset |      | Wheel Base |        | S.O. Height* |       | Stack |       | Reach |       |
|------|----------|-------|----------|-------|----------|-------|-------|-------|-----|-------|---------|------|-----------|-------|----------|-------|-----------|------|------------|--------|--------------|-------|-------|-------|-------|-------|
|      | in       | mm    | in       | mm    | in       | mm    | Angle | Angle | in  | mm    | in      | mm   | in        | mm    | in       | mm    | in        | mm   | in         | mm     | in           | mm    | in    | mm    | in    | mm    |
| 42cm | 16.5     | 420.0 | 19.9     | 505.0 | 20.6     | 522.0 | 75.0  | 72.0  | 3.6 | 91.0  | 2.6     | 66.0 | 16.5      | 420.0 | 15.7     | 400.0 | 1.7       | 44.0 | 39.0       | 989.8  | 28.8         | 731.9 | 20.8  | 528.0 | 14.9  | 378.7 |
| 46cm | 18.1     | 460.0 | 20.3     | 515.0 | 20.8     | 528.8 | 74.5  | 72.0  | 3.6 | 91.0  | 2.6     | 66.0 | 16.5      | 420.0 | 15.7     | 400.0 | 1.7       | 44.0 | 39.1       | 991.9  | 29.6         | 750.7 | 20.8  | 528.0 | 15.0  | 380.8 |
| 50cm | 19.7     | 500.0 | 21.1     | 535.1 | 21.3     | 541.8 | 74.0  | 72.0  | 3.6 | 91.0  | 2.6     | 66.0 | 16.7      | 425.0 | 15.7     | 400.0 | 1.7       | 44.0 | 39.6       | 1005.2 | 30.3         | 768.4 | 20.8  | 528.0 | 15.3  | 389.1 |
| 52cm | 20.5     | 520.0 | 21.5     | 545.1 | 21.5     | 547.1 | 73.5  | 72.0  | 3.6 | 91.0  | 2.6     | 66.0 | 16.7      | 425.0 | 15.7     | 400.0 | 1.7       | 44.0 | 39.6       | 1005.9 | 30.6         | 778.4 | 20.8  | 528.0 | 15.3  | 389.7 |
| 54cm | 21.3     | 540.0 | 22.0     | 559.9 | 22.0     | 560.0 | 73.0  | 72.0  | 4.0 | 102.0 | 2.6     | 66.0 | 16.7      | 425.0 | 15.7     | 400.0 | 1.7       | 44.0 | 39.9       | 1014.3 | 31.2         | 793.0 | 21.2  | 538.4 | 15.5  | 394.8 |
| 56cm | 22.0     | 560.0 | 22.4     | 569.9 | 22.4     | 570.0 | 72.5  | 72.0  | 4.8 | 121.0 | 2.6     | 66.0 | 16.7      | 425.0 | 15.7     | 400.0 | 1.7       | 44.0 | 40.1       | 1019.7 | 31.9         | 810.7 | 21.9  | 556.5 | 15.5  | 394.3 |
| 58cm | 22.8     | 580.0 | 22.8     | 579.8 | 22.8     | 580.0 | 72.5  | 72.0  | 5.6 | 141.0 | 2.6     | 66.0 | 16.7      | 425.0 | 15.7     | 400.0 | 1.7       | 44.0 | 40.5       | 1029.9 | 32.7         | 829.9 | 22.7  | 575.7 | 15.7  | 398.3 |
| 60cm | 23.6     | 600.0 | 23.6     | 599.8 | 23.6     | 600.0 | 72.0  | 72.0  | 6.3 | 160.0 | 2.6     | 66.0 | 16.7      | 425.0 | 15.7     | 400.0 | 1.7       | 44.0 | 41.1       | 1044.7 | 33.4         | 847.4 | 23.4  | 593.6 | 16.0  | 407.3 |
| 62cm | 24.4     | 620.0 | 24.0     | 609.9 | 24.0     | 610.0 | 72.0  | 72.0  | 7.1 | 180.0 | 2.6     | 66.0 | 16.7      | 425.0 | 15.7     | 400.0 | 1.7       | 44.0 | 41.5       | 1054.7 | 34.1         | 866.2 | 24.1  | 612.7 | 16.2  | 411.0 |
| 64cm | 26.2     | 665.0 | 24.8     | 630.0 | 24.8     | 630.0 | 72.0  | 72.0  | 7.9 | 200.0 | 2.6     | 66.0 | 16.7      | 425.0 | 15.7     | 400.0 | 1.7       | 44.0 | 41.5       | 1074.6 | 34.1         | 885.8 | 24.8  | 630.9 | 16.7  | 424.5 |

COMPONENT SIZING

| SIZE | Stem Length<br>in      mm |       | Stem Angle<br>degrees | Handlebar Width<br>in      mm |       | Crank Length<br>mm |
|------|---------------------------|-------|-----------------------|-------------------------------|-------|--------------------|
| 42cm | 2.8                       | 70.0  | 7.0                   | 15.8                          | 400.0 | 170.0              |
| 46cm | 3.1                       | 80.0  | 7.0                   | 15.8                          | 400.0 | 170.0              |
| 50cm | 3.1                       | 80.0  | 7.0                   | 15.8                          | 400.0 | 170.0              |
| 52cm | 3.9                       | 100.0 | 7.0                   | 16.5                          | 420.0 | 170.0              |
| 54cm | 3.9                       | 100.0 | 7.0                   | 16.5                          | 420.0 | 175.0              |
| 56cm | 3.9                       | 100.0 | 7.0                   | 17.3                          | 440.0 | 175.0              |
| 58cm | 4.7                       | 120.0 | 7.0                   | 17.3                          | 440.0 | 175.0              |
| 60cm | 4.7                       | 120.0 | 7.0                   | 18.1                          | 460.0 | 175.0              |
| 62cm | 4.7                       | 120.0 | 7.0                   | 18.1                          | 460.0 | 175.0              |
| 64cm | 4.7                       | 120.0 | 7.0                   | 18.1                          | 460.0 | 175.0              |

\*Standover is measured from the top of the TT, at the center, with a tire measuring approximately Ø685mm  
All dimensions and specifications are subject to change.



BIKE SPECIFICATIONS

| Component         | Type                                                                                    |
|-------------------|-----------------------------------------------------------------------------------------|
| Headset:          | Cane Creek 40                                                                           |
| Crankset:         | Andel, 36/48t                                                                           |
| Bottom bracket:   | Andel                                                                                   |
| Brakes:           | Tektro M730 linear-pull                                                                 |
| Brake levers:     | Tektro RL520 long-pull, black/silver                                                    |
| Rims:             | Alex DH19                                                                               |
| Front hub:        | Shimano HB-T610-L, 32h, 100mm, black w/QR                                               |
| Rear hub:         | Shimano HB-T610-L, 32h, 135mm, black w/QR                                               |
| Front/Rear tires: | Surly Knard 700c x 41mm; 27tpi                                                          |
| Shifters:         | Microshift BS-M10, bar-end shifter                                                      |
| Front derailleur: | Shimano Tiagra FD-4600                                                                  |
| Rear derailleur:  | Shimano Deore RD-T610                                                                   |
| Cog or cogset:    | Shimano CS-008, 11-32t, 10-speed                                                        |
| Stem:             | Kalloy AS-008, 26.0mm                                                                   |
| Handlebar:        | Salsa Bell Lap                                                                          |
| Saddle:           | Velo VL-1353, CroMoly rails                                                             |
| Seatpost:         | Kalloy SP-368 non-offset (42-50cm);<br>Kalloy SP-248D offset (52-64cm);<br>27.2 x 300mm |
| Chain:            | KMC X10, Nickle plated goodness                                                         |

FRAME SPECIFICATIONS

| Category                         | Description                                                                                                                                                                                                                                                                                            |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Tubing:                          | Surly 4130 CroMoly steel.<br>Main triangle double-buttet. TIG-welded                                                                                                                                                                                                                                   |
| Rear dropouts:                   | Semi-horizontal dropouts give you singlespeed compatibility and wheelbase adjustability. Adjuster screws are included to keep your wheel in the right place for optimal shifting if you go with derailleurs. Our Gnot-rite spacing (132.5mm) allows you to run 130mm road hubs and 135mm MTB hubs      |
| Brake compatibility:             | Cantilever brake studs front and rear                                                                                                                                                                                                                                                                  |
| Braze-ons:                       | Bosses front and rear to take cantilever or linear-pull brakes, eyelets at the dropouts, rear rack bosses, dual water bottle mounts, downtube shifter bosses, fully threaded through-blade fork eyelets for a front rack                                                                               |
| Seatpost diameter:               | 27.2mm                                                                                                                                                                                                                                                                                                 |
| Seatpost clamp diameter:         | 30.0mm, Surly stainless included                                                                                                                                                                                                                                                                       |
| Front derailleur clamp diameter: | 28.6mm                                                                                                                                                                                                                                                                                                 |
| Headset/Steertube:               | 1-1/8" threadless                                                                                                                                                                                                                                                                                      |
| Bottom bracket shell:            | 68mm wide, standard English threaded 1.37" x 24t                                                                                                                                                                                                                                                       |
| Chaining clearance:              | Manipulated stays so you can fit the size rings you want. Go nuts                                                                                                                                                                                                                                      |
| Tire clearance:                  | Fatties Fit Fine (FFF) stays and our beautiful slope-crowned custom fork provide room for tires up to 700c x 45mm, or about 700c x 41mm with fenders. Largest possible tire size depends on tire, rims, axle location in the dropouts, and other factors, but still, you can run pretty damn big tires |
| Fork:                            | 4130 CroMoly, lugged and brazed. Sloping crown with threaded eyelets, tapered and butted curved blades with mid-blade rack eyelets, dual dropout eyelets                                                                                                                                               |
| Weight:                          | 54cm = 4.74 lb (2.27kg) Fork—uncut = 2.3 lb (1050g)                                                                                                                                                                                                                                                    |
| Color:                           | Dream Tangerine or No New Black                                                                                                                                                                                                                                                                        |

# CROSS-CHECK SS

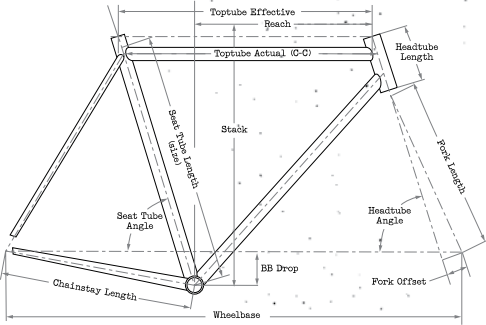
## GEOMETRY

| SIZE | ST (C-T) |       | TT (C-C) |       | TT (EFF) |       | ST    | HT    | HT  |       | BB Drop |      | CS Length |       | FK (A-C) |       | FK Offset |      | Wheel Base |        | S.O. Height* |       | Stack |       | Reach |       |
|------|----------|-------|----------|-------|----------|-------|-------|-------|-----|-------|---------|------|-----------|-------|----------|-------|-----------|------|------------|--------|--------------|-------|-------|-------|-------|-------|
|      | in       | mm    | in       | mm    | in       | mm    | Angle | Angle | in  | mm    | in      | mm   | in        | mm    | in       | mm    | in        | mm   | in         | mm     | in           | mm    | in    | mm    | in    | mm    |
| 42cm | 16.5     | 420.0 | 19.9     | 505.0 | 20.6     | 522.0 | 75.0  | 72.0  | 3.6 | 91.0  | 2.6     | 66.0 | 16.5      | 420.0 | 15.7     | 400.0 | 1.7       | 44.0 | 39.0       | 989.8  | 28.8         | 731.9 | 20.8  | 528.0 | 14.9  | 378.7 |
| 46cm | 18.1     | 460.0 | 20.3     | 515.0 | 20.8     | 528.8 | 74.5  | 72.0  | 3.6 | 91.0  | 2.6     | 66.0 | 16.5      | 420.0 | 15.7     | 400.0 | 1.7       | 44.0 | 39.1       | 991.9  | 29.6         | 750.7 | 20.8  | 528.0 | 15.0  | 380.8 |
| 50cm | 19.7     | 500.0 | 21.1     | 535.1 | 21.3     | 541.8 | 74.0  | 72.0  | 3.6 | 91.0  | 2.6     | 66.0 | 16.7      | 425.0 | 15.7     | 400.0 | 1.7       | 44.0 | 39.6       | 1005.2 | 30.3         | 768.4 | 20.8  | 528.0 | 15.3  | 389.1 |
| 52cm | 20.5     | 520.0 | 21.5     | 545.1 | 21.5     | 547.1 | 73.5  | 72.0  | 3.6 | 91.0  | 2.6     | 66.0 | 16.7      | 425.0 | 15.7     | 400.0 | 1.7       | 44.0 | 39.6       | 1005.9 | 30.6         | 778.4 | 20.8  | 528.0 | 15.3  | 389.7 |
| 54cm | 21.3     | 540.0 | 22.0     | 559.9 | 22.0     | 560.0 | 73.0  | 72.0  | 4.0 | 102.0 | 2.6     | 66.0 | 16.7      | 425.0 | 15.7     | 400.0 | 1.7       | 44.0 | 39.9       | 1014.3 | 31.2         | 793.0 | 21.2  | 538.4 | 15.5  | 394.8 |
| 56cm | 22.0     | 560.0 | 22.4     | 569.9 | 22.4     | 570.0 | 72.5  | 72.0  | 4.8 | 121.0 | 2.6     | 66.0 | 16.7      | 425.0 | 15.7     | 400.0 | 1.7       | 44.0 | 40.1       | 1019.7 | 31.9         | 810.7 | 21.9  | 556.5 | 15.5  | 394.3 |
| 58cm | 22.8     | 580.0 | 22.8     | 579.8 | 22.8     | 580.0 | 72.5  | 72.0  | 5.6 | 141.0 | 2.6     | 66.0 | 16.7      | 425.0 | 15.7     | 400.0 | 1.7       | 44.0 | 40.5       | 1029.9 | 32.7         | 829.9 | 22.7  | 575.7 | 15.7  | 398.3 |
| 60cm | 23.6     | 600.0 | 23.6     | 599.8 | 23.6     | 600.0 | 72.0  | 72.0  | 6.3 | 160.0 | 2.6     | 66.0 | 16.7      | 425.0 | 15.7     | 400.0 | 1.7       | 44.0 | 41.1       | 1044.7 | 33.4         | 847.4 | 23.4  | 593.6 | 16.0  | 407.3 |
| 62cm | 24.4     | 620.0 | 24.0     | 609.9 | 24.0     | 610.0 | 72.0  | 72.0  | 7.1 | 180.0 | 2.6     | 66.0 | 16.7      | 425.0 | 15.7     | 400.0 | 1.7       | 44.0 | 41.5       | 1054.7 | 34.1         | 866.2 | 24.1  | 612.7 | 16.2  | 411.0 |
| 64cm | 26.2     | 665.0 | 24.8     | 630.0 | 24.8     | 630.0 | 72.0  | 72.0  | 7.9 | 200.0 | 2.6     | 66.0 | 16.7      | 425.0 | 15.7     | 400.0 | 1.7       | 44.0 | 41.5       | 1074.6 | 34.1         | 885.8 | 24.8  | 630.9 | 16.7  | 424.5 |

## COMPONENT SIZING

| SIZE | Stem Length<br>in      mm |       | Stem Angle<br>degrees | Handlebar Width<br>in      mm |       | Crank Length<br>mm |
|------|---------------------------|-------|-----------------------|-------------------------------|-------|--------------------|
| 42cm | 2.8                       | 70.0  | 7.0                   | 15.8                          | 400.0 | 170.0              |
| 46cm | 3.1                       | 80.0  | 7.0                   | 15.8                          | 400.0 | 170.0              |
| 50cm | 3.1                       | 80.0  | 7.0                   | 15.8                          | 400.0 | 170.0              |
| 52cm | 3.9                       | 100.0 | 7.0                   | 16.5                          | 420.0 | 170.0              |
| 54cm | 3.9                       | 100.0 | 7.0                   | 16.5                          | 420.0 | 175.0              |
| 56cm | 3.9                       | 100.0 | 7.0                   | 17.3                          | 440.0 | 175.0              |
| 58cm | 4.7                       | 120.0 | 7.0                   | 17.3                          | 440.0 | 175.0              |
| 60cm | 4.7                       | 120.0 | 7.0                   | 18.1                          | 460.0 | 175.0              |
| 62cm | 4.7                       | 120.0 | 7.0                   | 18.1                          | 460.0 | 175.0              |
| 64cm | 4.7                       | 120.0 | 7.0                   | 18.1                          | 460.0 | 175.0              |

\*Standover is measured from the top of the TT, at the center, with a tire measuring approximately Ø685mm  
All dimensions and specifications are subject to change.



## BIKE SPECIFICATIONS

| Component         | Type                                                                                    |
|-------------------|-----------------------------------------------------------------------------------------|
| Headset:          | Cane Creek 40                                                                           |
| Crankset:         | Andel, 42t                                                                              |
| Bottom bracket:   | Shimano UN-55                                                                           |
| Brakes:           | Avid SD-5, linear-pull                                                                  |
| Brake levers:     | Avid FR5                                                                                |
| Rims:             | Alex DH19                                                                               |
| Front hub:        | Surly Ultra New, 32h, 100mm, black                                                      |
| Rear hub:         | Surly Ultra New 32h, 135mm, Fix/Free, black                                             |
| Front/Rear tires: | Surly Knard 700c x 41mm; 27tpi                                                          |
| Shifters:         | Nope                                                                                    |
| Front derailleur: | Don't need no derailleur son!                                                           |
| Rear derailleur:  | It's a singlespeed!                                                                     |
| Cog or cogset:    | Shimano MX-60, 17t, 3/32"                                                               |
| Stem:             | Kalloy AS-007N, 31.8mm                                                                  |
| Handlebar:        | Salsa MotoAce                                                                           |
| Saddle:           | Velo VL-1353, CroMoly rails                                                             |
| Seatpost:         | Kalloy SP-368 non-offset (42-50cm);<br>Kalloy SP-248D offset (52-64cm);<br>27.2 x 300mm |
| Chain:            | KMC X8                                                                                  |

## FRAME SPECIFICATIONS

| Category                         | Description                                                                                                                                                                                                                                                                                            |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Tubing:                          | Surly 4130 CroMoly steel.<br>Main triangle double-buttet. TIG-welded                                                                                                                                                                                                                                   |
| Rear dropouts:                   | Semi-horizontal dropouts give you singlespeed compatibility and wheelbase adjustability. Adjuster screws are included to keep your wheel in the right place for optimal shifting if you go with derailleurs. Our Gnot-rite spacing (132.5mm) allows you to run 130mm road hubs and 135mm MTB hubs      |
| Brake compatibility:             | Cantilever brake studs front and rear                                                                                                                                                                                                                                                                  |
| Braze-ons:                       | Bosses front and rear to take cantilever or linear-pull brakes, eyelets at the dropouts, rear rack bosses, dual water bottle mounts, downtube shifter bosses, fully threaded through-blade fork eyelets for a front rack                                                                               |
| Seatpost diameter:               | 27.2mm                                                                                                                                                                                                                                                                                                 |
| Seatpost clamp diameter:         | 30.0mm, Surly stainless included                                                                                                                                                                                                                                                                       |
| Front derailleur clamp diameter: | 28.6mm                                                                                                                                                                                                                                                                                                 |
| Headset/Steertube:               | 1-1/8" threadless                                                                                                                                                                                                                                                                                      |
| Bottom bracket shell:            | 68mm wide, standard English threaded 1.37" x 24t                                                                                                                                                                                                                                                       |
| Chaining clearance:              | Manipulated stays so you can fit the size rings you want. Go nuts                                                                                                                                                                                                                                      |
| Tire clearance:                  | Fatties Fit Fine (FFF) stays and our beautiful slope-crowned custom fork provide room for tires up to 700c x 45mm, or about 700c x 41mm with fenders. Largest possible tire size depends on tire, rims, axle location in the dropouts, and other factors, but still, you can run pretty damn big tires |
| Fork:                            | 4130 CroMoly, lugged and brazed. Sloping crown with threaded eyelets, tapered and butted curved blades with mid-blade rack eyelets, dual dropout eyelets                                                                                                                                               |
| Weight:                          | 54cm = 4.74 lb (2.27kg) Fork—uncut = 2.3 lb (1050g)                                                                                                                                                                                                                                                    |
| Color:                           | Cuba Libre                                                                                                                                                                                                                                                                                             |

PACER

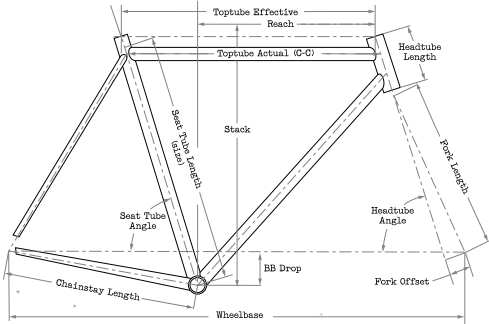
GEOMETRY

| SIZE | ST (C-T) |       | TT (C-C) |       | TT (EFF) |       | ST    | HT    | HT  |       | BB Drop |      | CS Length |       | FK (A-C) |       | FK Offset |      | Wheel Base |        | S.O. Height* |       | Stack |       | Reach |       |
|------|----------|-------|----------|-------|----------|-------|-------|-------|-----|-------|---------|------|-----------|-------|----------|-------|-----------|------|------------|--------|--------------|-------|-------|-------|-------|-------|
|      | in       | mm    | in       | mm    | in       | mm    | Angle | Angle | in  | mm    | in      | mm   | in        | mm    | in       | mm    | in        | mm   | in         | mm     | in           | mm    | in    | mm    | in    | mm    |
| 42cm | 16.5     | 420.0 | 19.5     | 494.1 | 20.0     | 508.5 | 75.5  | 71.0  | 3.3 | 84.0  | 2.8     | 72.0 | 16.1      | 410.0 | 14.8     | 376.0 | 2.0       | 50.0 | 38.6       | 980.9  | 28.5         | 723.7 | 19.6  | 498.9 | 14.9  | 377.4 |
| 46cm | 18.1     | 460.0 | 19.9     | 504.2 | 20.2     | 514.3 | 75.5  | 71.5  | 3.9 | 99.0  | 2.8     | 72.0 | 16.1      | 410.0 | 14.8     | 376.0 | 2.0       | 50.0 | 38.7       | 982.9  | 29.3         | 744.9 | 20.3  | 514.8 | 14.9  | 378.4 |
| 50cm | 19.7     | 500.0 | 20.6     | 522.9 | 20.7     | 526.4 | 74.5  | 72.0  | 3.9 | 99.0  | 2.8     | 72.0 | 16.1      | 410.0 | 14.8     | 376.0 | 2.0       | 50.0 | 38.8       | 985.6  | 30.1         | 764.4 | 20.3  | 516.5 | 15.2  | 385.0 |
| 52cm | 20.5     | 520.0 | 21.3     | 540.0 | 21.3     | 540.0 | 74.0  | 72.5  | 4.1 | 104.0 | 2.8     | 72.0 | 16.1      | 410.0 | 14.8     | 376.0 | 2.0       | 50.0 | 38.9       | 987.2  | 30.5         | 775.9 | 20.6  | 523.0 | 15.3  | 389.0 |
| 54cm | 21.3     | 540.0 | 21.9     | 555.0 | 21.9     | 555.0 | 73.5  | 72.5  | 4.7 | 119.0 | 2.8     | 72.0 | 16.3      | 415.0 | 14.8     | 376.0 | 1.8       | 45.0 | 39.1       | 992.8  | 31.2         | 793.7 | 21.2  | 539.4 | 15.3  | 389.5 |
| 56cm | 22.0     | 560.0 | 22.2     | 565.0 | 22.2     | 565.0 | 73.0  | 73.0  | 5.4 | 136.0 | 2.8     | 72.0 | 16.3      | 415.0 | 14.8     | 376.0 | 1.8       | 45.0 | 39.3       | 998.8  | 31.9         | 811.5 | 21.9  | 557.4 | 15.5  | 394.6 |
| 58cm | 22.8     | 580.0 | 22.8     | 579.4 | 22.8     | 579.4 | 73.0  | 73.5  | 6.1 | 154.0 | 2.8     | 72.0 | 16.3      | 415.0 | 14.8     | 376.0 | 1.8       | 45.0 | 39.7       | 1008.6 | 32.7         | 830.7 | 22.7  | 576.3 | 15.9  | 403.6 |
| 60cm | 23.6     | 600.0 | 23.2     | 590.0 | 23.2     | 590.0 | 72.5  | 73.5  | 6.7 | 171.0 | 2.8     | 72.0 | 16.3      | 415.0 | 14.8     | 376.0 | 1.8       | 45.0 | 39.9       | 1013.7 | 33.4         | 848.3 | 23.3  | 592.6 | 15.9  | 403.8 |
| 62cm | 24.4     | 620.0 | 23.8     | 605.0 | 23.8     | 605.0 | 72.5  | 74.0  | 7.4 | 189.0 | 2.8     | 72.0 | 16.3      | 415.0 | 14.8     | 376.0 | 1.8       | 45.0 | 40.3       | 1023.4 | 34.1         | 867.3 | 24.1  | 611.7 | 16.3  | 413.1 |

COMPONENT SIZING

| SIZE | Stem Length<br>in mm |       | Stem Angle<br>degrees | Handlebar Width<br>in mm |       | Crank Length<br>mm |
|------|----------------------|-------|-----------------------|--------------------------|-------|--------------------|
| 42cm | 3.1                  | 80.0  | 7.0                   | 15.0                     | 380.0 | 170.0              |
| 46cm | 3.1                  | 80.0  | 7.0                   | 15.8                     | 400.0 | 170.0              |
| 50cm | 3.5                  | 90.0  | 7.0                   | 15.8                     | 400.0 | 170.0              |
| 52cm | 3.5                  | 90.0  | 7.0                   | 16.5                     | 420.0 | 170.0              |
| 54cm | 3.9                  | 100.0 | 7.0                   | 16.5                     | 420.0 | 172.5              |
| 56cm | 3.9                  | 100.0 | 7.0                   | 17.3                     | 440.0 | 172.5              |
| 58cm | 4.3                  | 110.0 | 7.0                   | 17.3                     | 440.0 | 175.0              |
| 60cm | 4.7                  | 120.0 | 7.0                   | 18.1                     | 460.0 | 175.0              |
| 62cm | 4.7                  | 120.0 | 7.0                   | 18.1                     | 460.0 | 175.0              |

\*Standover is measured from the top of the TT, at the center, with a tire measuring approximately Ø680mm  
All dimensions and specifications are subject to change.



BIKE SPECIFICATIONS

| Component         | Type                                        |
|-------------------|---------------------------------------------|
| Headset:          | Cane Creek 40                               |
| Crankset:         | Shimano 105 FC-5750, 34/50t                 |
| Bottom bracket:   | Shimano BB5700                              |
| Brakes:           | Tektro R359, dual pivot                     |
| Brake levers:     | Shimano 105 ST-5700 STI, Levery             |
| Rims:             | Alex DA28                                   |
| Front hub:        | Shimano 105 HB-5700, 32h. 100mm, black w/QR |
| Rear hub:         | Shimano 105 FH-5700, 32h. 130mm, black w/QR |
| Front/Rear tires: | Schwalbe Durano, 700c x 28mm                |
| Shifters:         | Shimano 105 ST-5700, STI                    |
| Front derailleur: | Shimano 105 FD-5700                         |
| Rear derailleur:  | Shimano 105 RD-5701                         |
| Cog or cogset:    | Shimano 105 CS-5700, 11–28t, 10-speed       |
| Stem:             | Kalloy AS-025N, 31.8mm                      |
| Handlebar:        | Salsa Pro Road 2                            |
| Saddle:           | Velo VL1353, CroMoly rails                  |
| Seatpost:         | Kalloy SP-248D, 272 x 350mm                 |
| Chain:            | Shimano CN-5701, 10-speed                   |

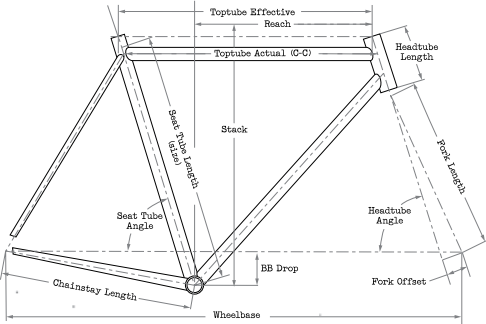
FRAME SPECIFICATIONS

| Category                         | Description                                                                                                |
|----------------------------------|------------------------------------------------------------------------------------------------------------|
| Tubing:                          | Surly 4 130 CroMoly steel.<br>Main triangle double-buttet. TIG-welded                                      |
| Rear dropouts:                   | Vertical dropouts, 130mm spaced; with eyelet                                                               |
| Brake compatibility:             | Mid-reach 47–57mm                                                                                          |
| Braze-ons:                       | Single fender eyelets front and rear, dual water bottle mounts, and pump peg (54cm and larger)             |
| Seatpost diameter:               | 27.2mm                                                                                                     |
| Seatpost clamp diameter:         | 30.0mm, Surly stainless included                                                                           |
| Headset/Steertube:               | 1-1/8" threadless                                                                                          |
| Front derailleur clamp diameter: | 28.6mm                                                                                                     |
| Bottom bracket shell:            | 68mm wide, English threaded, 1.37" x 24t                                                                   |
| Chainring clearance:             | 39/53t                                                                                                     |
| Tire clearance:                  | Room for 700c x 32mm or 700c x 28mm with fenders                                                           |
| Fork:                            | 4130 CroMoly, lugged and brazed. Sloping crown, tapered and butted curved blades with dual dropout eyelets |
| Weight:                          | 54cm = 4.62 lb (2.10kg) Fork—uncut = 2.2 lb (1000g)                                                        |
| Color:                           | Disco Tomato                                                                                               |

# TRAVELERS CHECK

## GEOMETRY

| SIZE | ST (C-T) |       | TT (C-C) |       | TT (EFF) |       | ST    | HT    | HT  |       | BB Drop |      | CS Length |       | FK (A-C) |       | FK Offset |      | Wheel Base |        | S.O. Height* |       | Stack |       | Reach |       |
|------|----------|-------|----------|-------|----------|-------|-------|-------|-----|-------|---------|------|-----------|-------|----------|-------|-----------|------|------------|--------|--------------|-------|-------|-------|-------|-------|
|      | in       | mm    | in       | mm    | in       | mm    | Angle | Angle | in  | mm    | in      | mm   | in        | mm    | in       | mm    | in        | mm   | in         | mm     | in           | mm    | in    | mm    | in    | mm    |
| 42cm | 16.5     | 420.0 | 19.9     | 505.0 | 20.6     | 522.0 | 75.0  | 72.0  | 3.6 | 91.0  | 2.6     | 66.0 | 16.5      | 420.0 | 15.7     | 400.0 | 1.7       | 44.0 | 39.0       | 989.8  | 28.8         | 731.9 | 20.8  | 528.0 | 14.9  | 378.7 |
| 46cm | 18.1     | 460.0 | 20.3     | 515.0 | 20.8     | 528.8 | 74.5  | 72.0  | 3.6 | 91.0  | 2.6     | 66.0 | 16.5      | 420.0 | 15.7     | 400.0 | 1.7       | 44.0 | 39.1       | 991.9  | 29.6         | 750.7 | 20.8  | 528.0 | 15.0  | 380.8 |
| 50cm | 19.7     | 500.0 | 21.1     | 535.1 | 21.3     | 541.8 | 74.0  | 72.0  | 3.6 | 91.0  | 2.6     | 66.0 | 16.7      | 425.0 | 15.7     | 400.0 | 1.7       | 44.0 | 39.6       | 1005.2 | 30.3         | 768.4 | 20.8  | 528.0 | 15.3  | 389.1 |
| 52cm | 20.5     | 520.0 | 21.5     | 545.1 | 21.5     | 547.1 | 73.5  | 72.0  | 3.6 | 91.0  | 2.6     | 66.0 | 16.7      | 425.0 | 15.7     | 400.0 | 1.7       | 44.0 | 39.6       | 1005.9 | 30.6         | 778.4 | 20.8  | 528.0 | 15.3  | 389.7 |
| 54cm | 21.3     | 540.0 | 22.0     | 559.9 | 22.0     | 560.0 | 73.0  | 72.0  | 4.0 | 102.0 | 2.6     | 66.0 | 16.7      | 425.0 | 15.7     | 400.0 | 1.7       | 44.0 | 39.9       | 1014.3 | 31.2         | 793.0 | 21.2  | 538.4 | 15.5  | 394.8 |
| 56cm | 22.0     | 560.0 | 22.4     | 569.9 | 22.4     | 570.0 | 72.5  | 72.0  | 4.8 | 121.0 | 2.6     | 66.0 | 16.7      | 425.0 | 15.7     | 400.0 | 1.7       | 44.0 | 40.1       | 1019.7 | 31.9         | 810.7 | 21.9  | 556.5 | 15.5  | 394.3 |
| 58cm | 22.8     | 580.0 | 22.8     | 579.8 | 22.8     | 580.0 | 72.5  | 72.0  | 5.6 | 141.0 | 2.6     | 66.0 | 16.7      | 425.0 | 15.7     | 400.0 | 1.7       | 44.0 | 40.5       | 1029.9 | 32.7         | 829.9 | 22.7  | 575.7 | 15.7  | 398.3 |
| 60cm | 23.6     | 600.0 | 23.6     | 599.8 | 23.6     | 600.0 | 72.0  | 72.0  | 6.3 | 160.0 | 2.6     | 66.0 | 16.7      | 425.0 | 15.7     | 400.0 | 1.7       | 44.0 | 41.1       | 1044.7 | 33.4         | 847.4 | 23.4  | 593.6 | 16.0  | 407.3 |
| 62cm | 24.4     | 620.0 | 24.0     | 609.9 | 24.0     | 610.0 | 72.0  | 72.0  | 7.1 | 180.0 | 2.6     | 66.0 | 16.7      | 425.0 | 15.7     | 400.0 | 1.7       | 44.0 | 41.5       | 1054.7 | 34.1         | 866.2 | 24.1  | 612.7 | 16.2  | 411.0 |



\*Standover is measured from the top of the TT, at the center, with a tire measuring approximately Ø685mm  
All dimensions and specifications are subject to change.

## FRAME SPECIFICATIONS

| Category                                | Description                                                                                                                                                                                                                                                                                            |
|-----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Tubing:</b>                          | Surly 4130 CroMoly steel. Double-butt main triangle. TIG-welded with S&S couplers. S&S couplers allow you to take apart your frame so it can fit in an airline approved case. For more info on S&S couplers visit <a href="http://saidsmachine.com">saidsmachine.com</a>                               |
| <b>Rear dropouts:</b>                   | Semi-horizontal dropouts give you singlespeed compatibility and wheelbase adjustability. Adjuster screws are included to keep your wheel in the right place for optimal shifting if you go with derailleurs. Our Gnot-rite spacing (132.5mm) allows you to run 130mm road hubs and 135mm MTB hubs      |
| <b>Brake compatibility:</b>             | Cantilever brake studs front and rear                                                                                                                                                                                                                                                                  |
| <b>Braze-ons:</b>                       | Bosses front and rear to take cantilever or linear-pull brakes, eyelets at the dropouts, rear rack bosses, dual water bottle mounts, downtube shifter bosses, fully threaded through-blade fork eyelets for a front rack                                                                               |
| <b>Seatpost diameter:</b>               | 27.2mm                                                                                                                                                                                                                                                                                                 |
| <b>Seatpost clamp diameter:</b>         | 30.0mm, Surly stainless included                                                                                                                                                                                                                                                                       |
| <b>Front derailleur clamp diameter:</b> | 28.6mm                                                                                                                                                                                                                                                                                                 |
| <b>Headset/Steertube:</b>               | 1-1/8" threadless                                                                                                                                                                                                                                                                                      |
| <b>Bottom bracket shell:</b>            | 68mm wide, standard English threaded 1.37" x 24t                                                                                                                                                                                                                                                       |
| <b>Chainring clearance:</b>             | Manipulated stays so you can fit the size rings you want. Go nuts                                                                                                                                                                                                                                      |
| <b>Tire clearance:</b>                  | Fatties Fit Fine (FFF) stays and our beautiful slope-crowned custom fork provide room for tires up to 700c x 42mm, or about 700c x 40mm with fenders. Largest possible tire size depends on tire, rims, axle location in the dropouts, and other factors, but still, you can run pretty damn big tires |
| <b>Fork:</b>                            | 4130 CroMoly, lugged and brazed. Sloping crown with threaded eyelets, tapered and butted curved blades with mid-blade rack eyelets, dual dropout eyelets                                                                                                                                               |
| <b>Weight:</b>                          | 54cm = 4.74 lb (2.27kg) Fork—uncut = 2.3 lb (1050g)                                                                                                                                                                                                                                                    |
| <b>Color:</b>                           | Grandma's Linoleum                                                                                                                                                                                                                                                                                     |

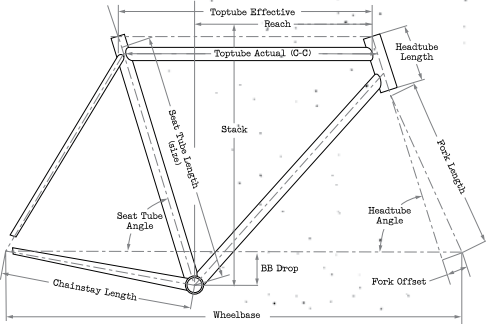
# STEAMROLLER

## GEOMETRY

| SIZE | ST (C-T) |       | TT (C-C) |       | TT (EFF) |       | ST    | HT    | HT  |       | BB Drop |      | CS Length |       | FK (A-C) |       | FK Offset |      | Wheel Base |        | S.O. Height* |       | Stack |       | Reach |       |
|------|----------|-------|----------|-------|----------|-------|-------|-------|-----|-------|---------|------|-----------|-------|----------|-------|-----------|------|------------|--------|--------------|-------|-------|-------|-------|-------|
|      | in       | mm    | in       | mm    | in       | mm    | Angle | Angle | in  | mm    | in      | mm   | in        | mm    | in       | mm    | in        | mm   | in         | mm     | in           | mm    | in    | mm    | in    | mm    |
| 49cm | 19.3     | 490.0 | 20.7     | 526.5 | 20.8     | 529.5 | 74.5  | 72.5  | 3.3 | 83.0  | 2.8     | 70.0 | 15.7      | 398.0 | 14.8     | 375.0 | 1.5       | 38.0 | 38.0       | 965.7  | 29.5         | 748.5 | 19.9  | 504.9 | 15.3  | 388.1 |
| 53cm | 20.9     | 530.0 | 21.5     | 547.0 | 21.5     | 547.0 | 74.0  | 73.0  | 4.3 | 109.0 | 2.8     | 70.0 | 15.7      | 398.0 | 14.8     | 375.0 | 1.5       | 38.0 | 38.1       | 966.6  | 30.7         | 780.5 | 20.9  | 531.3 | 15.5  | 394.0 |
| 56cm | 22.0     | 560.0 | 22.4     | 568.0 | 22.4     | 568.0 | 73.5  | 73.5  | 5.4 | 136.0 | 2.8     | 70.0 | 15.7      | 398.0 | 14.8     | 375.0 | 1.5       | 38.0 | 38.5       | 978.6  | 31.8         | 807.9 | 22.0  | 558.8 | 15.8  | 402.3 |
| 59cm | 23.2     | 590.0 | 23.1     | 587.0 | 23.1     | 587.0 | 73.0  | 74.0  | 6.4 | 163.0 | 2.8     | 70.0 | 15.7      | 398.0 | 14.8     | 375.0 | 1.5       | 38.0 | 38.9       | 987.6  | 32.9         | 835.2 | 23.1  | 586.4 | 16.1  | 408.2 |
| 62cm | 24.4     | 620.0 | 23.9     | 608.0 | 23.9     | 608.0 | 73.0  | 74.0  | 7.7 | 196.0 | 2.8     | 70.0 | 15.7      | 398.0 | 14.8     | 375.0 | 1.5       | 38.0 | 39.7       | 1009.1 | 34.1         | 865.3 | 24.3  | 618.1 | 16.6  | 420.6 |

## FRAME SPECIFICATIONS

| Category                 | Description                                                                                                                                                                                  |
|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Tubing:                  | Surly 4130 CroMoly steel. Main triangle double-buttet. TIG-welded                                                                                                                            |
| Rear dropouts:           | Investment cast Surly track dropouts, 120mm spaced                                                                                                                                           |
| Brake compatibility:     | Standard reach road calipers, but there are no stops for housing                                                                                                                             |
| Braze-ons:               | Eyelets on the rear dropouts and one set of water-bottle mounts on the seattube 'cause we're not camels                                                                                      |
| Seatpost diameter:       | 27.2mm                                                                                                                                                                                       |
| Seatpost clamp diameter: | 30.0mm, Surly stainless included                                                                                                                                                             |
| Headset/Steertube:       | 1-1/8" threadless                                                                                                                                                                            |
| Bottom bracket shell:    | 68mm wide, standard English threaded 1.37" x 24t                                                                                                                                             |
| Chaining clearance:      | Heavy manipulation of the chainstays gives room for a 50t ring while maintaining chainline. Track crank-compatible                                                                           |
| Tire clearance:          | Room for tires up to 700c x 38mm. Individual tire and rim combos affect tire clearance, but figure on being able to use tires up to 32mm with fenders (p.s. use clip-on fenders)             |
| Fork:                    | 4130 CroMoly, lugged and brazed flat crown that is drilled to accept a standard-reach (47-57mm) caliper brake. It has clearance for 700c x 38mm tires. There are no eyelets at the dropouts. |
| Weight                   | 53cm = 4.41 lb (2.0kg) 1-1/8" Fork—uncut 2.2 lb (1.0kg)                                                                                                                                      |
| Color:                   | Frost Blue                                                                                                                                                                                   |



\*Standover is measured from the top of the TT, at the center, with a tire measuring approximately Ø682mm  
All dimensions and specifications are subject to change.

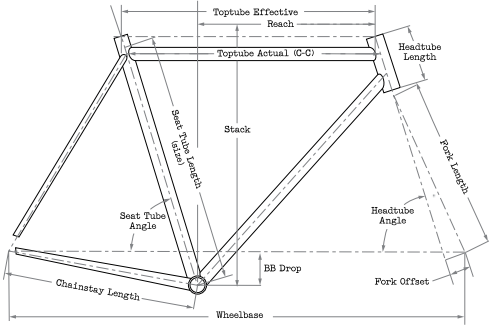
LONG HAUL TRUCKER 26"

GEOMETRY

| SIZE | ST (C-T) |       | TT (C-C) |       | TT (EFF) |       | ST Angle | HT Angle | HT   |       | BB Drop |      | CS Length |       | FK (A-C) |       | FK Offset |      | Wheel Base |        | S.O. Height* |       | Stack |       | Reach |       |
|------|----------|-------|----------|-------|----------|-------|----------|----------|------|-------|---------|------|-----------|-------|----------|-------|-----------|------|------------|--------|--------------|-------|-------|-------|-------|-------|
|      | in       | mm    | in       | mm    | in       | mm    |          |          | in   | mm    | in      | mm   | in        | mm    | in       | mm    | in        | mm   | in         | mm     | in           | mm    | in    | mm    | in    | mm    |
| 42cm | 16.5     | 420.0 | 19.4     | 492.7 | 19.9     | 505.0 | 75.0°    | 70.0°    | 4.4  | 110.7 | 1.9     | 47.0 | 18.1      | 460.0 | 14.8     | 376.0 | 1.8       | 45.0 | 40.8       | 1036.6 | 27.6         | 702.1 | 19.6  | 497.2 | 14.5  | 367.2 |
| 46cm | 18.1     | 460.0 | 20.0     | 508.4 | 20.3     | 515.0 | 74.5°    | 70.0°    | 4.6  | 116.7 | 1.9     | 47.0 | 18.1      | 460.0 | 14.8     | 376.0 | 1.8       | 45.0 | 41.1       | 1042.7 | 28.5         | 723.2 | 19.8  | 502.9 | 14.6  | 371.3 |
| 50cm | 19.7     | 500.0 | 20.7     | 525.4 | 20.9     | 530.0 | 74.0°    | 71.0°    | 5.7  | 144.0 | 1.9     | 47.0 | 18.1      | 460.0 | 14.8     | 376.0 | 1.8       | 45.0 | 41.2       | 1046.8 | 29.8         | 756.1 | 21.0  | 532.3 | 14.7  | 374.5 |
| 52cm | 20.5     | 520.0 | 21.1     | 535.0 | 21.3     | 540.0 | 73.5°    | 71.0°    | 6.4  | 163.0 | 1.9     | 47.0 | 18.1      | 460.0 | 14.8     | 376.0 | 1.8       | 45.0 | 41.5       | 1053.1 | 30.5         | 774.5 | 21.7  | 550.3 | 14.7  | 374.6 |
| 54cm | 21.3     | 540.0 | 21.6     | 549.7 | 21.9     | 555.0 | 73.0°    | 71.0°    | 7.2  | 182.0 | 1.9     | 47.0 | 18.1      | 460.0 | 14.8     | 376.0 | 1.8       | 45.0 | 41.9       | 1064.0 | 31.2         | 792.4 | 22.4  | 568.3 | 14.9  | 379.4 |
| 56cm | 22.0     | 560.0 | 22.2     | 564.5 | 22.4     | 570.0 | 73.0°    | 71.0°    | 8.0  | 203.0 | 1.9     | 47.0 | 18.1      | 460.0 | 14.8     | 376.0 | 1.8       | 45.0 | 42.5       | 1079.8 | 32.0         | 811.9 | 23.2  | 588.1 | 15.3  | 388.3 |
| 58cm | 22.8     | 580.0 | 22.8     | 580.3 | 23.1     | 586.0 | 72.5°    | 71.0°    | 8.7  | 222.0 | 1.9     | 47.0 | 18.1      | 460.0 | 14.8     | 376.0 | 1.8       | 45.0 | 43.0       | 1091.2 | 32.7         | 829.7 | 23.9  | 606.1 | 15.5  | 393.5 |
| 60cm | 23.6     | 600.0 | 23.4     | 594.8 | 23.6     | 600.0 | 72.5°    | 71.5°    | 9.4  | 238.0 | 1.9     | 47.0 | 18.1      | 460.0 | 14.8     | 376.0 | 1.8       | 45.0 | 43.3       | 1100.4 | 33.4         | 847.9 | 24.5  | 623.3 | 15.8  | 402.5 |
| 62cm | 24.4     | 620.0 | 23.8     | 603.8 | 24.0     | 610.0 | 72.0°    | 71.5°    | 10.2 | 259.0 | 1.9     | 47.0 | 18.1      | 460.0 | 14.8     | 376.0 | 1.8       | 45.0 | 43.5       | 1105.1 | 34.1         | 866.6 | 25.3  | 643.2 | 15.8  | 400.5 |

COMPONENT SIZING

| SIZE | Stem Length |       | Stem Angle | Handlebar Width |       | Crank Length |
|------|-------------|-------|------------|-----------------|-------|--------------|
|      | in          | mm    | degrees    | in              | mm    | mm           |
| 42cm | 3.0         | 75.0  | 35.0       | 15.8            | 400.0 | 165.0        |
| 46cm | 3.0         | 75.0  | 35.0       | 15.8            | 400.0 | 165.0        |
| 50cm | 3.0         | 75.0  | 35.0       | 15.8            | 400.0 | 170.0        |
| 52cm | 3.5         | 90.0  | 17.0       | 16.5            | 420.0 | 170.0        |
| 54cm | 3.9         | 100.0 | 17.0       | 16.5            | 420.0 | 170.0        |
| 56cm | 3.9         | 100.0 | 17.0       | 17.3            | 440.0 | 175.0        |
| 58cm | 4.3         | 110.0 | 17.0       | 17.3            | 440.0 | 175.0        |
| 60cm | 4.7         | 120.0 | 17.0       | 18.1            | 460.0 | 175.0        |
| 62cm | 4.7         | 120.0 | 17.0       | 18.1            | 460.0 | 175.0        |



\*Standover is measured from the top of the TT, at the center, with a tire measuring approximately Ø628mm or 690mm  
All dimensions and specifications are subject to change.

BIKE SPECIFICATIONS

| Component                 | Type                                                                                    |
|---------------------------|-----------------------------------------------------------------------------------------|
| Headset:                  | Cane Creek 40                                                                           |
| Crankset:                 | Andel RSC6, 26/36/48t                                                                   |
| Bottom bracket:           | Shimano UN-55, 118mm                                                                    |
| Brakes:                   | Tektro CR720, cantilever                                                                |
| Brake levers:             | Tektro RL341, 42–50cm; Tektro RL340, 52–62cm                                            |
| Rims:                     | Alex DH19                                                                               |
| Front hub:                | Shimano LX T670, 36h. 100mm, silver w/QR                                                |
| Rear hub:                 | Shimano LX T670 36h. 135mm, silver w/QR                                                 |
| Front/Rear tires 42–54cm: | Continental Comfort Contact, 26 x 1.5"                                                  |
| Front/Rear tires 56–62cm: | Continental Tour RIDE, 26 x 1.75"                                                       |
| Shifters:                 | Microshift BS-M10, bar-end shifter                                                      |
| Front derailleur:         | Shimano Sora FD-3503                                                                    |
| Rear derailleur:          | Shimano XT RD-T780                                                                      |
| Cog or cogset:            | Shimano CS-HG50, 11–36t, 10-speed                                                       |
| Stem:                     | Kalloy AS-009, 26mm                                                                     |
| Handlebar:                | PMT                                                                                     |
| Saddle:                   | Velo VL-1353, CroMoly rails                                                             |
| Seatpost:                 | Kalloy SP-368 non-offset (42–50cm);<br>Kalloy SP-248D offset (52–64cm),<br>27.2 x 300mm |
| Chain:                    | KMC X10                                                                                 |

FRAME SPECIFICATIONS

| Category                         | Description                                                                                                                                                                                                                                                                        |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Tubing:                          | 100% Surly 4130 CroMoly steel.<br>Main triangle double-buttet. TIG-welded                                                                                                                                                                                                          |
| Rear dropouts:                   | Vertical, 135mm O.L.D                                                                                                                                                                                                                                                              |
| Brake compatibility:             | LHT-uses rim brake pivots front and rear (cantilever or linear pull)                                                                                                                                                                                                               |
| Braze-ons:                       | Upper bosses and dropout eyelets, for racks front and rear, fender eyelets, pump peg, downtube lever bosses, three sets of H2O cage bosses, (two on the Deluxe) rear housing stop for rim brakes (LHT and DeLuxe), housing stops for brake and derailleurs, emergency spoke mounts |
| Seatpost diameter:               | 27.2mm                                                                                                                                                                                                                                                                             |
| Seatpost clamp diameter:         | 30.0mm, Surly stainless included                                                                                                                                                                                                                                                   |
| Headset/Steertube:               | 1-1/8" threadless                                                                                                                                                                                                                                                                  |
| Front derailleur clamp diameter: | 28.6mm (bottom-pull)                                                                                                                                                                                                                                                               |
| Bottom bracket shell:            | 68mm wide, threaded<br>standard English (1.37" x 24t)                                                                                                                                                                                                                              |
| Chainring clearance:             | 42/53t double, 38/52/56t triple                                                                                                                                                                                                                                                    |
| Tire clearance:                  | 2.1" with or without fenders; Individual tire and rim combos affect tire clearance                                                                                                                                                                                                 |
| Fork:                            | 4130 CroMoly, lugged and brazed. Proprietary sloping crown with threaded eyelets, tapered and buttet curved blades with mid-blade rack eyelets, dual dropout eyelets                                                                                                               |
| Weight:                          | 42cm = 4.98 lb (2.25kg) 26"<br>Fork—uncut = 2.1 lb (0.97kg)                                                                                                                                                                                                                        |
| Color:                           | Cakipants or Blacktacular                                                                                                                                                                                                                                                          |

LONG HAUL TRUCKER 700C

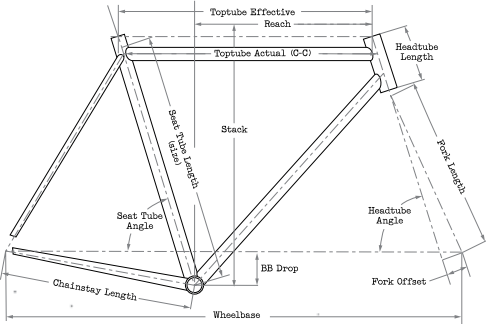
GEOMETRY

| SIZE | ST (C-T)<br>in mm |       | TT (C-C)<br>in mm |       | TT (EFF)<br>in mm |       | ST<br>Angle | HT<br>Angle | HT<br>in mm |       | BB Drop<br>in mm |      | CS Length<br>in mm |       | FK (A-C)<br>in mm |       | FK Offset<br>in mm |      | Wheel Base<br>in mm |        | S.O. Height*<br>in mm |       | Stack<br>in mm |       | Reach<br>in mm |       |
|------|-------------------|-------|-------------------|-------|-------------------|-------|-------------|-------------|-------------|-------|------------------|------|--------------------|-------|-------------------|-------|--------------------|------|---------------------|--------|-----------------------|-------|----------------|-------|----------------|-------|
| 56cm | 22.0              | 560.0 | 22.2              | 564.5 | 22.4              | 570.0 | 73.0°       | 72.0°       | 6.0         | 152.0 | 3.1              | 78.0 | 18.1               | 460.0 | 15.4              | 390.0 | 1.8                | 45.0 | 41.6                | 1055.6 | 32.0                  | 811.9 | 23.1           | 588.0 | 15.3           | 389.3 |
| 58cm | 22.8              | 580.0 | 22.8              | 580.2 | 23.1              | 586.0 | 72.5°       | 72.0°       | 6.7         | 171.0 | 3.1              | 78.0 | 18.1               | 460.0 | 15.4              | 390.0 | 1.8                | 45.0 | 42.0                | 1066.7 | 32.7                  | 829.8 | 23.9           | 606.1 | 15.5           | 394.4 |
| 60cm | 23.6              | 600.0 | 23.4              | 594.8 | 23.6              | 600.0 | 72.5°       | 72.0°       | 7.4         | 189.0 | 3.1              | 78.0 | 18.1               | 460.0 | 15.4              | 390.0 | 1.8                | 45.0 | 42.6                | 1080.8 | 33.4                  | 847.8 | 24.5           | 623.2 | 15.9           | 403.0 |
| 62cm | 24.4              | 620.0 | 23.8              | 603.9 | 24.0              | 610.0 | 72.0°       | 72.0°       | 8.3         | 210.0 | 3.1              | 78.0 | 18.1               | 460.0 | 15.4              | 390.0 | 1.8                | 45.0 | 42.7                | 1085.3 | 34.1                  | 866.5 | 25.3           | 643.2 | 15.8           | 401.0 |
| 64cm | 25.2              | 640.0 | 24.2              | 615.0 | 24.4              | 620.0 | 72.0°       | 72.0°       | 8.9         | 226.0 | 3.1              | 78.0 | 18.1               | 460.0 | 15.4              | 390.0 | 1.8                | 45.0 | 43.1                | 1095.3 | 34.8                  | 883.6 | 25.9           | 658.4 | 16.0           | 406.1 |

COMPONENT SIZING

| SIZE | Stem Length<br>in mm |       | Stem Angle<br>degrees | Handlebar Width<br>in mm |       | Crank Length<br>mm |
|------|----------------------|-------|-----------------------|--------------------------|-------|--------------------|
| 56cm | 3.9                  | 100.0 | 17.0                  | 17.3                     | 440.0 | 175.0              |
| 58cm | 4.3                  | 110.0 | 17.0                  | 17.3                     | 440.0 | 175.0              |
| 60cm | 4.7                  | 120.0 | 17.0                  | 18.1                     | 460.0 | 175.0              |
| 62cm | 4.7                  | 120.0 | 17.0                  | 18.1                     | 460.0 | 175.0              |
| 64cm | 4.7                  | 120.0 | 17.0                  | 18.1                     | 460.0 | 175.0              |

\*Standover is measured from the top of the TT, at the center, with a tire measuring approximately Ø628mm or 690mm  
All dimensions and specifications are subject to change.



BIKE SPECIFICATIONS

| Component         | Type                                                                                    |
|-------------------|-----------------------------------------------------------------------------------------|
| Headset:          | Cane Creek 40                                                                           |
| Crankset:         | Andel RSC6, 26/36/48t                                                                   |
| Bottom bracket:   | Shimano UN-55, 118mm                                                                    |
| Brakes:           | Tektro CR720, cantilever                                                                |
| Brake levers:     | Tektro RL341, 42–50cm; Tekro RL340, 52–62cm                                             |
| Rims:             | Alex DH19                                                                               |
| Front hub:        | Shimano LX T670, 36h. 100mm, silver w/QR                                                |
| Rear hub:         | Shimano LX T670, 36h. 135mm, silver w/QR                                                |
| Front/Rear tires: | Continental Contact, 700c x 37mm                                                        |
| Shifters:         | Microshift BS-M10, bar-end shifter                                                      |
| Front derailleur: | Shimano Sora FD-3503                                                                    |
| Rear derailleur:  | Shimano XT RD-T780                                                                      |
| Cog or cogset:    | Shimano CS-HG50, 11–36t, 10-speed                                                       |
| Stem:             | Kalloy AS-009, 26mm                                                                     |
| Handlebar:        | PMT                                                                                     |
| Saddle:           | Velo VL-1353, CroMoly rails                                                             |
| Seatpost:         | Kalloy SP-368 non-offset (42–50cm);<br>Kalloy SP-248D offset (52–64cm),<br>27.2 x 300mm |
| Chain:            | KMC X10                                                                                 |

FRAME SPECIFICATIONS

| Category                         | Description                                                                                                                                                                                                                                                                       |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Tubing:                          | 100% Surly 4130 CroMoly steel.<br>Main triangle double-buttet. TIG-welded                                                                                                                                                                                                         |
| Rear dropouts:                   | Vertical, 135mm O.L.D                                                                                                                                                                                                                                                             |
| Brake compatibility:             | LHT uses rim brake pivots front and rear (cantilever or linear pull)                                                                                                                                                                                                              |
| Braze-ons:                       | Upper bosses and dropout eyelets for racks front and rear, fender eyelets, pump peg, downtube lever bosses, three sets of H2O cage bosses, (two on the Deluxe) rear housing stop for rim brakes (LHT and DeLuxe), housing stops for brake and derailleurs, emergency spoke mounts |
| Seatpost diameter:               | 27.2mm                                                                                                                                                                                                                                                                            |
| Seatpost clamp diameter:         | 30.0mm, Surly stainless included                                                                                                                                                                                                                                                  |
| Headset/Steertube:               | 1-1/8" threadless                                                                                                                                                                                                                                                                 |
| Front derailleur clamp diameter: | 28.6mm (bottom-pull)                                                                                                                                                                                                                                                              |
| Bottom bracket shell:            | 68mm wide, threaded standard English (1.37" x 24t)                                                                                                                                                                                                                                |
| Chainring clearance:             | 42/53t double, 38/52/56t triple                                                                                                                                                                                                                                                   |
| Tire clearance:                  | 700c: 42mm with fenders, 45mm without fenders Individual tire and rim combos affect tire clearance                                                                                                                                                                                |
| Fork:                            | 4130 CroMoly, lugged and brazed. Proprietary sloping crown with threaded eyelets, tapered and buttet curved blades with mid-blade rack eyelets, dual dropout eyelets                                                                                                              |
| Weight:                          | 42cm = 4.98 lb (2.25kg) 26" Fork—uncut = 2.1 lb (0.97kg)                                                                                                                                                                                                                          |
| Color:                           | Cakipants or Blacktacular                                                                                                                                                                                                                                                         |

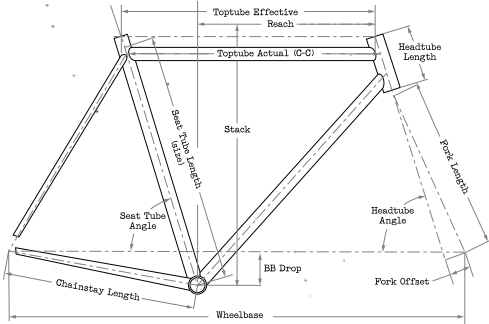
# DISC TRUCKER 26"

## GEOMETRY

| SIZE | ST (C-T)<br>in mm |       | TT (C-C)<br>in mm |       | TT (EFF)<br>in mm |       | ST<br>Angle | HT<br>Angle | HT<br>in mm |       | BB Drop<br>in mm |      | CS Length<br>in mm |       | FK (A-C)<br>in mm |       | FK Offset<br>in mm |      | Wheel Base<br>in mm |        | S.O. Height*<br>in mm |       | Stack<br>in mm |       | Reach<br>in mm |       |
|------|-------------------|-------|-------------------|-------|-------------------|-------|-------------|-------------|-------------|-------|------------------|------|--------------------|-------|-------------------|-------|--------------------|------|---------------------|--------|-----------------------|-------|----------------|-------|----------------|-------|
| 42cm | 16.5              | 420.0 | 19.4              | 492.7 | 19.9              | 505.0 | 75.0°       | 70.0°       | 4.4         | 110.7 | 1.9              | 47.0 | 18.1               | 460.0 | 14.8              | 376.0 | 1.8                | 45.0 | 40.8                | 1036.6 | 27.6                  | 702.1 | 19.6           | 497.2 | 14.5           | 367.2 |
| 46cm | 18.1              | 460.0 | 20.0              | 508.4 | 20.3              | 515.0 | 74.5°       | 70.0°       | 4.6         | 116.7 | 1.9              | 47.0 | 18.1               | 460.0 | 14.8              | 376.0 | 1.8                | 45.0 | 41.1                | 1042.7 | 28.5                  | 723.2 | 19.8           | 502.9 | 14.6           | 371.3 |
| 50cm | 19.7              | 500.0 | 20.7              | 525.4 | 20.9              | 530.0 | 74.0°       | 71.0°       | 5.7         | 144.0 | 1.9              | 47.0 | 18.1               | 460.0 | 14.8              | 376.0 | 1.8                | 45.0 | 41.2                | 1046.8 | 29.8                  | 756.1 | 21.0           | 532.3 | 14.7           | 374.5 |
| 52cm | 20.5              | 520.0 | 21.1              | 535.0 | 21.3              | 540.0 | 73.5°       | 71.0°       | 6.4         | 163.0 | 1.9              | 47.0 | 18.1               | 460.0 | 14.8              | 376.0 | 1.8                | 45.0 | 41.5                | 1053.1 | 30.5                  | 774.5 | 21.7           | 550.3 | 14.7           | 374.6 |
| 54cm | 21.3              | 540.0 | 21.6              | 549.7 | 21.9              | 555.0 | 73.0°       | 71.0°       | 7.2         | 182.0 | 1.9              | 47.0 | 18.1               | 460.0 | 14.8              | 376.0 | 1.8                | 45.0 | 41.9                | 1064.0 | 31.2                  | 792.4 | 22.4           | 568.3 | 14.9           | 379.4 |
| 56cm | 22.0              | 560.0 | 22.2              | 564.5 | 22.4              | 570.0 | 73.0°       | 71.0°       | 8.0         | 203.0 | 1.9              | 47.0 | 18.1               | 460.0 | 14.8              | 376.0 | 1.8                | 45.0 | 42.5                | 1079.8 | 32.0                  | 811.9 | 23.2           | 588.1 | 15.3           | 388.3 |
| 58cm | 22.8              | 580.0 | 22.8              | 580.3 | 23.1              | 586.0 | 72.5°       | 71.0°       | 8.7         | 222.0 | 1.9              | 47.0 | 18.1               | 460.0 | 14.8              | 376.0 | 1.8                | 45.0 | 43.0                | 1091.2 | 32.7                  | 829.7 | 23.9           | 606.1 | 15.5           | 393.5 |
| 60cm | 23.6              | 600.0 | 23.4              | 594.8 | 23.6              | 600.0 | 72.5°       | 71.5°       | 9.4         | 238.0 | 1.9              | 47.0 | 18.1               | 460.0 | 14.8              | 376.0 | 1.8                | 45.0 | 43.3                | 1100.4 | 33.4                  | 847.9 | 24.5           | 623.3 | 15.8           | 402.5 |
| 62cm | 24.4              | 620.0 | 23.8              | 603.8 | 24.0              | 610.0 | 72.0°       | 71.5°       | 10.2        | 259.0 | 1.9              | 47.0 | 18.1               | 460.0 | 14.8              | 376.0 | 1.8                | 45.0 | 43.5                | 1105.1 | 34.1                  | 866.6 | 25.3           | 643.2 | 15.8           | 400.5 |

## COMPONENT SIZING

| SIZE | Stem Length<br>in mm |       | Stem Angle<br>degrees | Handlebar Width<br>in mm |       | Crank Length<br>mm |
|------|----------------------|-------|-----------------------|--------------------------|-------|--------------------|
| 42cm | 3.0                  | 75.0  | 35.0                  | 15.8                     | 400.0 | 165.0              |
| 46cm | 3.0                  | 75.0  | 35.0                  | 15.8                     | 400.0 | 165.0              |
| 50cm | 3.0                  | 75.0  | 35.0                  | 15.8                     | 400.0 | 170.0              |
| 52cm | 3.5                  | 90.0  | 17.0                  | 16.5                     | 420.0 | 170.0              |
| 54cm | 3.9                  | 100.0 | 17.0                  | 16.5                     | 420.0 | 170.0              |
| 56cm | 3.9                  | 100.0 | 17.0                  | 17.3                     | 440.0 | 175.0              |
| 58cm | 4.3                  | 110.0 | 17.0                  | 17.3                     | 440.0 | 175.0              |
| 60cm | 4.7                  | 120.0 | 17.0                  | 18.1                     | 460.0 | 175.0              |
| 62cm | 4.7                  | 120.0 | 17.0                  | 18.1                     | 460.0 | 175.0              |



\*Standover is measured from the top of the TT, at the center, with a tire measuring approximately Ø628mm or 690mm  
All dimensions and specifications are subject to change.

## BIKE SPECIFICATIONS

| Component                        | Type                                                                                    |
|----------------------------------|-----------------------------------------------------------------------------------------|
| <b>Headset:</b>                  | Cane Creek 40                                                                           |
| <b>Crankset:</b>                 | Andel RSC6, 26/36/48t                                                                   |
| <b>Bottom bracket:</b>           | Shimano UN-55, 118mm                                                                    |
| <b>Brakes:</b>                   | Avid BB7 Mountain, G2 160mm rotors front & rear                                         |
| <b>Brake levers:</b>             | Tektro RL520                                                                            |
| <b>Rims:</b>                     | Alex DH19                                                                               |
| <b>Front hub:</b>                | Shimano XT M756 Disc, 36h. 100mm, black w/QR                                            |
| <b>Rear hub:</b>                 | Shimano XT M756 Disc, 36h. 135mm, black w/QR                                            |
| <b>Front/Rear tires 42–54cm:</b> | Continental Comfort Contact, 26 x 1.5"                                                  |
| <b>Front/Rear tires 56–62cm:</b> | Cohtinental Tour RIDE, 26 x 1.75"                                                       |
| <b>Shifters:</b>                 | Microshift BS-M10, bar-end shifter                                                      |
| <b>Front derailleur:</b>         | Shimano Sora FD-3503                                                                    |
| <b>Rear derailleur:</b>          | Shimano XT RD-T780                                                                      |
| <b>Cog or cogset:</b>            | Shimano CS-HG50, 11–36t, 10-speed                                                       |
| <b>Stem:</b>                     | Kalloy AS-009, 26mm                                                                     |
| <b>Handlebar:</b>                | PMT                                                                                     |
| <b>Saddle:</b>                   | Velo VL-1353, CroMoly rails                                                             |
| <b>Seatpost:</b>                 | Kalloy SP-368 non-offset (42–50cm);<br>Kalloy SP-248D offset (52–64cm),<br>27.2 x 300mm |
| <b>Chain:</b>                    | KMC X10                                                                                 |

## FRAME SPECIFICATIONS

| Category                                | Description                                                                                                                                                                   |
|-----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Tubing:</b>                          | 100% Surly 4130 CroMoly steel.<br>Main triangle double-buttet. TIG-welded                                                                                                     |
| <b>Rear dropouts:</b>                   | Vertical, 135mm O.L.D                                                                                                                                                         |
| <b>Brake compatibility:</b>             | Disc Trucker uses 51mm disc calipers<br>(160mm rotor only)                                                                                                                    |
| <b>Braze-ons:</b>                       | Upper bosses and dropout eyelets for racks<br>front and rear, fender eyelets, pump peg,<br>downtube lever bosses, three sets of H2O cage<br>bosses, emergency spoke mounts    |
| <b>Seatpost diameter:</b>               | 27.2mm                                                                                                                                                                        |
| <b>Seatpost clamp diameter:</b>         | 30.0mm, Surly stainless included                                                                                                                                              |
| <b>Headset/Steertube:</b>               | 1-1/8" threadless                                                                                                                                                             |
| <b>Front derailleur clamp diameter:</b> | 28.6mm (bottom-pull)                                                                                                                                                          |
| <b>Bottom bracket shell:</b>            | 68mm wide, threaded<br>standard English (1.37" x 24t)                                                                                                                         |
| <b>Chainring clearance:</b>             | 42/53t double, 38/52/56t triple                                                                                                                                               |
| <b>Tire clearance:</b>                  | 2.1" with or without fenders; Individual tire and<br>rim combos affect tire clearance                                                                                         |
| <b>Fork:</b>                            | 4130 CroMoly, lugged and brazed. Proprietary<br>sloping crown with threaded eyelets, tapered<br>and butted curved blades with mid-blade rack<br>eyelets, dual dropout eyelets |
| <b>Weight:</b>                          | 42cm = 4.98 lb (2.25kg) 26"<br>Fork—uncut = 2.1 lb (0.97kg)                                                                                                                   |
| <b>Color:</b>                           | Blue                                                                                                                                                                          |

DISC TRUCKER 700C

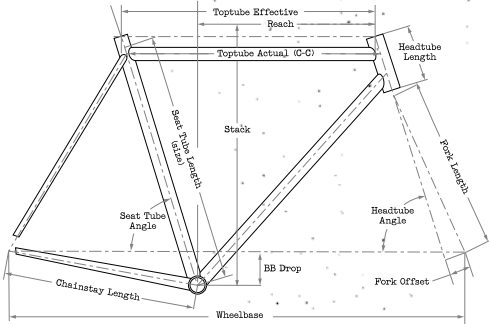
GEOMETRY

| SIZE | ST (C-T) |      | TT (C-C) |       | TT (EFF) |       | ST    | HT    | HT  |       | BB Drop |      | CS Length |       | FK (A-C) |       | FK Offset |      | Wheel Base |        | S.O. Height* |       | Stack |       | Reach |       |
|------|----------|------|----------|-------|----------|-------|-------|-------|-----|-------|---------|------|-----------|-------|----------|-------|-----------|------|------------|--------|--------------|-------|-------|-------|-------|-------|
|      | in       | mm   | in       | mm    | in       | mm    | Angle | Angle | in  | mm    | in      | mm   | in        | mm    | in       | mm    | in        | mm   | in         | mm     | in           | mm    | in    | mm    | in    | mm    |
| 56cm | 22.0     | 56.0 | 22.2     | 564.5 | 22.4     | 570.0 | 73.0° | 72.0° | 6.0 | 152.0 | 3.1     | 78.0 | 18.1      | 460.0 | 15.4     | 390.0 | 1.8       | 45.0 | 41.6       | 1055.6 | 32.0         | 811.9 | 23.1  | 588.0 | 15.3  | 389.3 |
| 58cm | 22.8     | 58.0 | 22.8     | 580.2 | 23.1     | 586.0 | 72.5° | 72.0° | 6.7 | 171.0 | 3.1     | 78.0 | 18.1      | 460.0 | 15.4     | 390.0 | 1.8       | 45.0 | 42.0       | 1066.7 | 32.7         | 829.8 | 23.9  | 606.1 | 15.5  | 394.4 |
| 60cm | 23.6     | 60.0 | 23.4     | 594.8 | 23.6     | 600.0 | 72.5° | 72.0° | 7.4 | 189.0 | 3.1     | 78.0 | 18.1      | 460.0 | 15.4     | 390.0 | 1.8       | 45.0 | 42.6       | 1080.8 | 33.4         | 847.8 | 24.5  | 623.2 | 15.9  | 403.0 |
| 62cm | 24.4     | 62.0 | 23.8     | 603.9 | 24.0     | 610.0 | 72.0° | 72.0° | 8.3 | 210.0 | 3.1     | 78.0 | 18.1      | 460.0 | 15.4     | 390.0 | 1.8       | 45.0 | 42.7       | 1085.3 | 34.1         | 866.5 | 25.3  | 643.2 | 15.8  | 401.0 |
| 64cm | 25.2     | 64.0 | 24.2     | 615.0 | 24.4     | 620.0 | 72.0° | 72.0° | 8.9 | 226.0 | 3.1     | 78.0 | 18.1      | 460.0 | 15.4     | 390.0 | 1.8       | 45.0 | 43.1       | 1095.3 | 34.8         | 883.6 | 25.9  | 658.4 | 16.0  | 406.1 |

COMPONENT SIZING

| SIZE | Stem Length<br>in      mm |       | Stem Angle<br>degrees | Handlebar Width<br>in      mm |       | Crank Length<br>mm |
|------|---------------------------|-------|-----------------------|-------------------------------|-------|--------------------|
| 56cm | 3.9                       | 100.0 | 17.0                  | 17.3                          | 440.0 | 175.0              |
| 58cm | 4.3                       | 110.0 | 17.0                  | 17.3                          | 440.0 | 175.0              |
| 60cm | 4.7                       | 120.0 | 17.0                  | 18.1                          | 460.0 | 175.0              |
| 62cm | 4.7                       | 120.0 | 17.0                  | 18.1                          | 460.0 | 175.0              |
| 64cm | 4.7                       | 120.0 | 17.0                  | 18.1                          | 460.0 | 175.0              |

\*Standover is measured from the top of the TT, at the center, with a tire measuring approximately Ø628mm or 690mm  
All dimensions and specifications are subject to change.



BIKE SPECIFICATIONS

| Component         | Type                                                                                    |
|-------------------|-----------------------------------------------------------------------------------------|
| Headset:          | Cane Creek 40                                                                           |
| Crankset:         | Andel RSC6, 26/36/48t                                                                   |
| Bottom bracket:   | Shimano UN-55, 118mm                                                                    |
| Brakes:           | Avid BB7 Mountain, G2 160mm rotors front & rear                                         |
| Brake levers:     | Tektro RL520                                                                            |
| Rims:             | Alex DH19                                                                               |
| Front hub:        | Shimano XT M756, 36h. 100mm, black w /QR                                                |
| Rear hub:         | Shimano XT M756, 36h. 135mm, black w /QR                                                |
| Front/Rear tires: | Continental Contact, 700c x 37mm                                                        |
| Shifters:         | Microshift BS-M10, bar-end shifter                                                      |
| Front derailleur: | Shimano Sora FD-3503                                                                    |
| Rear derailleur:  | Shimano XT T780-L                                                                       |
| Cog or cogset:    | Shimano CS-HG50-10, 11–36t, 10-speed                                                    |
| Stem:             | Kalloy AS-009, 26mm                                                                     |
| Handlebar:        | PMT                                                                                     |
| Saddle:           | Velo VL-1353, CroMoly rails                                                             |
| Seatpost:         | Kalloy SP-368 non-offset (42–50cm);<br>Kalloy SP-248D offset (52–64cm);<br>27.2 x 300mm |
| Chain:            | KMC X10                                                                                 |

FRAME SPECIFICATIONS

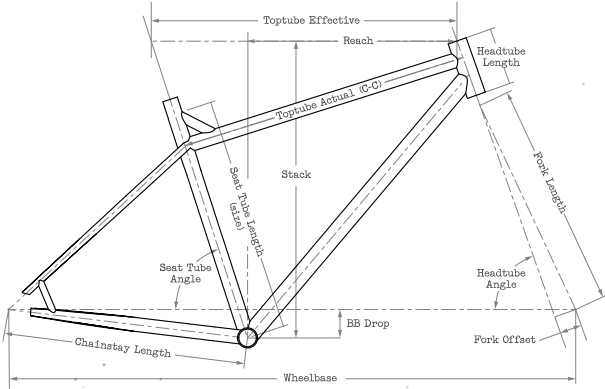
| Category                         | Description                                                                                                                                                                   |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Tubing:                          | 100% Surly 4130 CroMoly steel.<br>Main triangle double-buttet. TIG-welded                                                                                                     |
| Rear dropouts:                   | Vertical, 135mm O.L.D                                                                                                                                                         |
| Brake compatibility:             | Disc Trucker uses 51mm disc calipers<br>(160mm rotor only)                                                                                                                    |
| Braze-ons:                       | Upper bosses and dropout eyelets for racks<br>front and rear, fender eyelets, pump peg,<br>downtube lever bosses, three sets of H2O cage<br>bosses, emergency spoke mounts    |
| Seatpost diameter:               | 27.2mm                                                                                                                                                                        |
| Seatpost clamp diameter:         | 30.0mm, Surly stainless included                                                                                                                                              |
| Headset/Steertube:               | 1-1/8" threadless                                                                                                                                                             |
| Front derailleur clamp diameter: | 28.6mm (bottom-pull)                                                                                                                                                          |
| Bottom bracket shell:            | 68mm wide, threaded<br>standard English (1.37" x 24t)                                                                                                                         |
| Chainring clearance:             | 42/53t double, 38/52/56t triple                                                                                                                                               |
| Tire clearance:                  | 42mm with fenders, 45mm without fenders<br>Individual tire and rim combos affect tire clearance                                                                               |
| Fork:                            | 4130 CroMoly, lugged and brazed. Proprietary<br>sloping crown with threaded eyelets, tapered<br>and buttet curved blades with mid-blade rack<br>eyelets, dual dropout eyelets |
| Weight:                          | 42cm = 4.98 lb (2.25kg) 26"<br>Fork—uncut = 2.1 lb (0.97kg)                                                                                                                   |
| Color:                           | Blue                                                                                                                                                                          |

ECR
GEOMETRY

| SIZE | ST (C-T) |       | TT (C-C) |       | TT (EFF) |       | ST Angle | HT Angle | HT  |       | BB Drop |      | CS Length |       | FK (A-C) |       | FK Offset |      | Wheel Base |        | S.O. Height* |       | Stack |       | Reach |       |
|------|----------|-------|----------|-------|----------|-------|----------|----------|-----|-------|---------|------|-----------|-------|----------|-------|-----------|------|------------|--------|--------------|-------|-------|-------|-------|-------|
|      | in       | mm    | in       | mm    | in       | mm    |          |          | in  | mm    | in      | mm   | in        | mm    | in       | mm    | in        | mm   | in         | mm     | in           | mm    | in    | mm    | in    | mm    |
| XS   | 14.0     | 356.5 | 21.3     | 542.0 | 22.0     | 560.0 | 72.5     | 69.5     | 3.3 | 85.0  | 3.1     | 80.0 | 17.8      | 451.0 | 18.4     | 468.0 | 1.9       | 47.0 | 42.1       | 1069.5 | 28.3         | 717.6 | 23.3  | 591.5 | 15.1  | 384.2 |
| S    | 16.0     | 406.4 | 21.6     | 547.4 | 22.6     | 575.0 | 72.5     | 69.5     | 3.5 | 90.0  | 3.1     | 80.0 | 17.8      | 451.0 | 18.4     | 468.0 | 1.9       | 47.0 | 42.7       | 1085.5 | 29.7         | 753.4 | 23.5  | 596.2 | 15.7  | 398.5 |
| M    | 18.0     | 457.2 | 22.2     | 562.8 | 23.4     | 595.0 | 72.5     | 69.5     | 3.9 | 100.0 | 3.1     | 80.0 | 17.8      | 451.0 | 18.4     | 468.0 | 1.9       | 47.0 | 43.6       | 1106.6 | 31.1         | 789.0 | 23.8  | 605.5 | 16.4  | 416.1 |
| LG   | 20.0     | 508.0 | 22.9     | 582.4 | 24.2     | 615.0 | 72.5     | 69.5     | 4.3 | 110.0 | 3.1     | 80.0 | 17.8      | 451.0 | 18.4     | 468.0 | 1.9       | 47.0 | 44.4       | 1127.8 | 32.4         | 822.7 | 24.2  | 614.9 | 17.1  | 433.8 |
| XL   | 22.0     | 558.8 | 23.5     | 597.2 | 24.8     | 630.0 | 72.5     | 69.5     | 4.9 | 125.0 | 3.1     | 80.0 | 17.8      | 451.0 | 18.4     | 468.0 | 1.9       | 47.0 | 44.7       | 1136.0 | 33.7         | 855.7 | 24.8  | 628.9 | 17.2  | 436.7 |
| XXL  | 24.0     | 609.6 | 24.3     | 618.3 | 25.4     | 645.0 | 72.5     | 69.5     | 5.5 | 140.0 | 3.1     | 80.0 | 17.8      | 451.0 | 18.4     | 468.0 | 1.9       | 47.0 | 45.4       | 1152.2 | 35.0         | 889.0 | 25.3  | 643.0 | 17.6  | 447.6 |

COMPONENT SIZING

| SIZE | Stem Length |       | Stem Angle | Handlebar Width |       | Crank Length |
|------|-------------|-------|------------|-----------------|-------|--------------|
|      | in          | mm    | degrees    | in              | mm    | mm           |
| XS   | 3.5         | 90.0  | 7.0        | 28.0            | 710.0 | 170.0        |
| S    | 3.9         | 100.0 | 7.0        | 28.0            | 710.0 | 170.0        |
| M    | 3.9         | 100.0 | 7.0        | 28.0            | 710.0 | 175.0        |
| LG   | 4.3         | 110.0 | 7.0        | 28.0            | 710.0 | 175.0        |
| XL   | 4.7         | 120.0 | 7.0        | 28.0            | 710.0 | 175.0        |
| XXL  | 5.1         | 130.0 | 7.0        | 28.0            | 710.0 | 180.0        |



\*Standover is measured from the top of the TT, at the center, with a tire measuring approximately Ø775mm
All dimensions and specifications are subject to change.

BIKE SPECIFICATIONS

| Component         | Type                                                                |
|-------------------|---------------------------------------------------------------------|
| Headset:          | Cane Creek 40                                                       |
| Crankset:         | Surly O.D., 22/36t                                                  |
| Bottom bracket:   | Surly Enduro                                                        |
| Brakes:           | Avid BB7, Centerline 180/160mm rotors front & rear                  |
| Brake levers:     | Avid FR-5                                                           |
| Rims:             | Surly Rabbit Hole 29+, 50mm w/speedholes                            |
| Front hub:        | Surly Ultra New Disc 6-bolt, 32h. 100mm, black w/bolts              |
| Rear hub:         | Shimano FH-M525, 32h. 135mm, black w/QR                             |
| Front/Rear tires: | Surly Knard 29 x 3.0", 33tpi                                        |
| Shifters:         | Microshift SL-M10, thumb shifter                                    |
| Front derailleur: | Shimano SLX FD-M676D, Problem Solvers direct-mount adaptor (28.6mm) |
| Rear derailleur:  | Shimano RD-T670-A                                                   |
| Cog or cogset:    | Shimano HG50-10, 11-36t, 10-speed                                   |
| Stem:             | Kalloy AS-025N, 31.8mm                                              |
| Handlebar:        | Jones Loop                                                          |
| Saddle:           | Velo VL-1353, CroMoly rails                                         |
| Seatpost:         | Kalloy SP-342, 27.2 x 350mm                                         |
| Chain:            | KMC X10                                                             |

FRAME SPECIFICATIONS

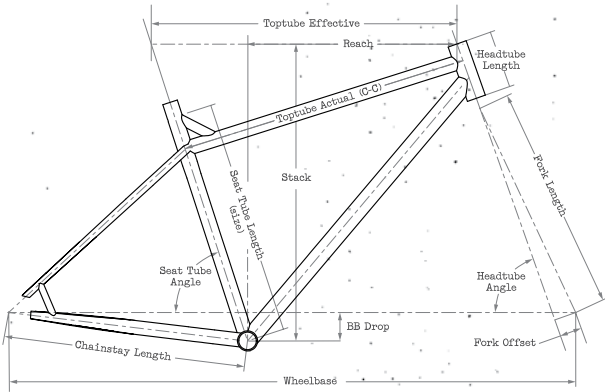
| Category                         | Description                                                                                                                                               |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Tubing:                          | Surly 4130 CroMoly-steel. Main triangle double-buttet. TiG-welded                                                                                         |
| Rear dropouts:                   | Horizontal slotted with derailleur hanger, 135mm O.L.D. Features Rohloff torque arm slot and threaded eyelets for fenders, racks and Surly trailer mounts |
| Brake compatibility:             | 51mm I.S. disc calipers (Max rotor size 160mm rear, 203mm front)                                                                                          |
| Braze-ons:                       | Two water bottle mounts on XS-M, three water bottle mounts on L-XXL, Surly Trip Guide full line guides for brake and derailleurs, fender and rack eyelets |
| Seatpost diameter:               | 27.2mm                                                                                                                                                    |
| Seatpost clamp diameter:         | 30.0mm, Surly stainless included                                                                                                                          |
| Headset/Steertube:               | 1-1/8" threadless                                                                                                                                         |
| Front derailleur clamp diameter: | 28.6mm, high direct-mount standard (adapter included)                                                                                                     |
| Bottom bracket shell:            | 73mm shell width, threaded standard English (1.37" x 24t)                                                                                                 |
| Chainring clearance:             | Triple 22/34/44t, Double 26/39t, Max single ring clearance, middle position, 34t. Outer position 44t (Triple will only work with 2.5" tires or smaller)   |
| Tire clearance:                  | 29 x 3.0"                                                                                                                                                 |
| Fork:                            | TiG-welded custom-buttet 4130 CroMoly, 80mm suspension corrected, 1-1/8" steerer tube, 203mm disc brake clearance.                                        |
| Weight                           | Medium = 6.1 lb (2.76kg) Fork—uncut = 2.5 lb (1147g)                                                                                                      |
| Cargo weight limit:              | 50 lb with appropriate rack                                                                                                                               |
| Color:                           | MRE Green                                                                                                                                                 |

GEOMETRY

| Size | ST (C-T) |       | TT (C-C) |       | TT (EFF) |       | ST Angle | HT Angle | HT  |       | BB Drop |      | CS Length |       | FK (A-C) |       | FK Offset | Wheel Base |      | S.O. Height* |      | Stack |      | Reach |      |       |
|------|----------|-------|----------|-------|----------|-------|----------|----------|-----|-------|---------|------|-----------|-------|----------|-------|-----------|------------|------|--------------|------|-------|------|-------|------|-------|
|      | in       | mm    | in       | mm    | in       | mm    |          |          | in  | mm    | in      | mm   | in        | mm    | in       | mm    |           | in         | mm   | in           | mm   | in    | mm   | in    | mm   | in    |
| S    | 16.0     | 406.4 | 22.0     | 557.7 | 22.7     | 575.6 | 73.0°    | 71.0°    | 3.5 | 90.0  | 2.7     | 68.0 | 17.0      | 431.0 | 18.4     | 468.0 | 1.7       | 43.0       | 41.2 | 1046.1       | 30.0 | 762.9 | 23.3 | 591.1 | 15.5 | 394.9 |
| M    | 18.0     | 457.2 | 22.6     | 575.0 | 23.6     | 599.3 | 73.0°    | 71.5°    | 3.9 | 100.0 | 2.7     | 68.0 | 17.0      | 431.0 | 18.4     | 468.0 | 1.7       | 43.0       | 41.9 | 1064.9       | 31.2 | 792.7 | 23.7 | 602.5 | 16.3 | 415.1 |
| LG   | 20.0     | 508.0 | 23.2     | 589.9 | 24.3     | 616.3 | 73.0°    | 72.0°    | 4.3 | 110.0 | 2.7     | 68.0 | 17.0      | 431.0 | 18.4     | 468.0 | 1.7       | 43.0       | 42.4 | 1076.8       | 32.4 | 822.5 | 24.2 | 614.0 | 16.9 | 428.6 |
| XL   | 22.0     | 558.8 | 23.9     | 607.1 | 24.9     | 632.2 | 73.0°    | 72.0°    | 4.9 | 125.0 | 2.7     | 68.0 | 17.0      | 431.0 | 18.4     | 468.0 | 1.7       | 43.0       | 43.0 | 1093.0       | 33.6 | 853.5 | 24.7 | 628.2 | 17.3 | 440.1 |
| XXL  | 24.0     | 609.6 | 24.7     | 627.1 | 25.5     | 648.1 | 73.0°    | 72.0°    | 5.5 | 140.0 | 2.7     | 68.0 | 17.0      | 431.0 | 18.4     | 468.0 | 1.7       | 43.0       | 43.7 | 1109.2       | 34.8 | 884.4 | 25.3 | 642.5 | 17.8 | 451.7 |

COMPONENT SIZING

| SIZE | Stem Length |       | Stem Angle | Handlebar Width |       | Crank Length |
|------|-------------|-------|------------|-----------------|-------|--------------|
|      | in          | mm    | degrees    | in              | mm    | mm           |
| S    | 3.5         | 90.0  | 7.0        | 28.0            | 710.0 | 170.0        |
| M    | 3.9         | 100.0 | 7.0        | 28.0            | 710.0 | 175.0        |
| LG   | 4.3         | 110.0 | 7.0        | 28.0            | 710.0 | 175.0        |
| XL   | 4.7         | 120.0 | 7.0        | 28.0            | 710.0 | 175.0        |
| XXL  | 4.7         | 120.0 | 7.0        | 28.0            | 710.0 | 175.0        |



\*Standover is measured from the top of the TT, at the center, with a tire measuring approximately Ø737mm  
All dimensions and specifications are subject to change.

BIKE SPECIFICATIONS

| Component         | Type                                               |
|-------------------|----------------------------------------------------|
| Headset:          | Cane Creek 40                                      |
| Crankset:         | Shimano FC-T551, 26/36/48t                         |
| Bottom bracket:   | Surly Enduro                                       |
| Brakes:           | Avid BB7, Centerline 180/160mm rotors front & rear |
| Brake levers:     | Avid FR-5                                          |
| Rims:             | Alex DH19                                          |
| Front hub:        | Shimano Deore M525 Disc, 32h. 100mm, black w/QR    |
| Rear hub:         | Shimano Deore M525 Disc, 32h. 135mm, black w/QR    |
| Front/Rear tires: | WTB Nano Comp, 29 x 2.1                            |
| Shifters:         | Microshift SL-M10, thumb shifter                   |
| Front derailleur: | Shimano Deore FD-M611                              |
| Rear derailleur:  | Shimano Deore RD T610-SGS                          |
| Cog or cogset:    | Shimano HG-50, 12-36t, 10-speed                    |
| Stem:             | H.L., 31.8mm                                       |
| Handlebar:        | Jones Loop                                         |
| Saddle:           | Velo VL-1353, CroMoly rails                        |
| Seatpost:         | Kalloy SP-342, 272 x 350mm                         |
| Chain:            | KMC X10                                            |

FRAME SPECIFICATIONS

| Category                         | Description                                                                                                                                                                                                                                                                           |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Tubing:                          | Surly 4130 CroMoly steel.<br>Main triangle double-buttet. TiG-welded                                                                                                                                                                                                                  |
| Rear dropouts:                   | Horizontal slotted with derailleur hanger, 135mm O.L.D. Features Rohloff torque arm slot and threaded eyelets for fenders, racks and Surly trailer mounts                                                                                                                             |
| Brake compatibility:             | Disc and rim brake compatible. Disc mounts are 51mm I.S. Rim brake pivots are removable. Note: rear disc brake is limited to 160mm maximum rotor diameter and requires the use of Surly caliper adapter                                                                               |
| Braze-ons:                       | Surly Trip Guide for derailleurs and brakes; three sets of bottle cage mounts; removable cantilever pivots; upper seatstay barrels, mid- and low-blade through-blade fork eyelets; threaded holes for racks, fenders and trailer mounting nuts; Rohloff OEM2 axle plate mounting slot |
| Seatpost diameter:               | 27.2mm                                                                                                                                                                                                                                                                                |
| Seatpost clamp diameter:         | 30.0mm, Surly stainless included                                                                                                                                                                                                                                                      |
| Headset/Steertube:               | 1-1/8" threadless                                                                                                                                                                                                                                                                     |
| Front derailleur clamp diameter: | 28.6mm, top-pull or Shimano high direct-mount (adaptor included)                                                                                                                                                                                                                      |
| Bottom bracket shell:            | 73mm shell width, threaded standard English (1.37" x 24t)                                                                                                                                                                                                                             |
| Chainring clearance:             | 24/36/48t                                                                                                                                                                                                                                                                             |
| Tire clearance:                  | 29 x 2.5", Individual tire and rim combos affect tire clearance                                                                                                                                                                                                                       |
| Fork:                            | 4130 CroMoly, 80mm suspension corrected, butted straight blade. 1-1/8" x 260mm threadless steer tube, 51mm disc mount (203mm max. rotor diameter), removable cantilever pivots, line/housing guides; two sets of bottle cage mounts.                                                  |
| Color:                           | Tanish Gray or Blacktacular                                                                                                                                                                                                                                                           |

TROLL

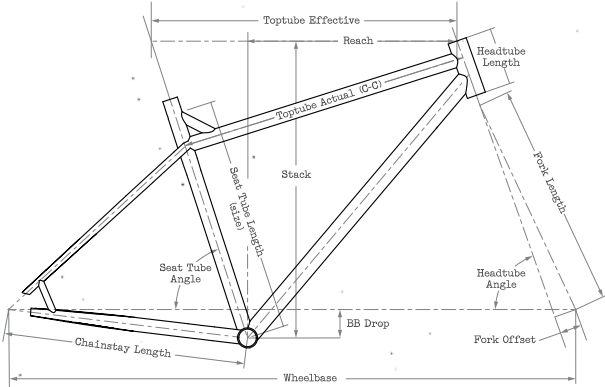
GEOMETRY

| SIZE | ST (C-T) |       | TT (C-C) |       | TT (EFF) |       | ST Angle | HT Angle | HT  |       | BB Drop |      | CS Length |       | FK (A-C) |       | FK Offset |      | Wheel Base |        | S.O. Height* |       | Stack |       | Reach |       |
|------|----------|-------|----------|-------|----------|-------|----------|----------|-----|-------|---------|------|-----------|-------|----------|-------|-----------|------|------------|--------|--------------|-------|-------|-------|-------|-------|
|      | in       | mm    | in       | mm    | in       | mm    |          |          | in  | mm    | in      | mm   | in        | mm    | in       | mm    | in        | mm   | in         | mm     | in           | mm    | in    | mm    | in    | mm    |
| XS   | 14.0     | 355.6 | 20.9     | 532.0 | 21.5     | 546.0 | 73.0     | 71.0     | 3.5 | 90.0  | 1.6     | 40.0 | 16.5      | 419.0 | 17.8     | 453.0 | 1.6       | 40.0 | 39.8       | 1011.9 | 28.2         | 717.0 | 21.7  | 551.0 | 14.8  | 376.5 |
| S    | 16.0     | 406.4 | 21.6     | 549.0 | 22.5     | 571.0 | 73.0     | 71.0     | 3.9 | 100.0 | 1.6     | 40.0 | 16.5      | 419.0 | 17.8     | 453.0 | 1.6       | 40.0 | 40.8       | 1037.3 | 29.3         | 745.0 | 22.1  | 560.5 | 15.7  | 398.6 |
| M    | 18.0     | 457.5 | 22.4     | 570.0 | 23.5     | 596.0 | 73.0     | 71.0     | 4.3 | 110.0 | 1.6     | 40.0 | 16.5      | 419.0 | 17.8     | 453.0 | 1.6       | 40.0 | 41.8       | 1062.6 | 30.5         | 774.0 | 22.4  | 569.9 | 16.6  | 420.8 |
| L    | 20.0     | 508.8 | 23.2     | 590.0 | 24.3     | 616.0 | 73.0     | 71.0     | 4.9 | 125.0 | 1.6     | 40.0 | 16.5      | 419.0 | 17.8     | 453.0 | 1.6       | 40.0 | 42.6       | 1083.2 | 31.7         | 804.0 | 23.0  | 584.1 | 17.2  | 436.4 |
| XL   | 22.0     | 558.8 | 23.9     | 608.3 | 24.8     | 631.0 | 73.0     | 71.0     | 5.7 | 145.0 | 1.6     | 40.0 | 16.5      | 419.0 | 17.8     | 453.0 | 1.6       | 40.0 | 43.3       | 1098.8 | 33.0         | 838.0 | 23.7  | 603.0 | 17.5  | 445.6 |

COMPONENT SIZING

| SIZE | Stem Length |       | Stem Angle | Handlebar Width |       | Crank Length |
|------|-------------|-------|------------|-----------------|-------|--------------|
|      | in          | mm    | degrees    | in              | mm    | mm           |
| XS   | 3.5         | 90.0  | 7.0        | 28.0            | 710.0 | 170.0        |
| S    | 3.5         | 90.0  | 7.0        | 28.0            | 710.0 | 170.0        |
| M    | 3.9         | 100.0 | 7.0        | 28.0            | 710.0 | 175.0        |
| LG   | 4.3         | 110.0 | 7.0        | 28.0            | 710.0 | 175.0        |
| XL   | 4.7         | 120.0 | 7.0        | 28.0            | 710.0 | 175.0        |

\*Standover is measured from the top of the TT, at the center, with a tire measuring approximately Ø676mm  
All dimensions and specifications are subject to change.



BIKE SPECIFICATIONS

| Component         | Type                                               |
|-------------------|----------------------------------------------------|
| Headset:          | Cane Creek 40                                      |
| Crankset:         | Shimano FC-T551, 26/36/48t                         |
| Bottom bracket:   | Surly Enduro                                       |
| Brakes:           | Avid BB7, Centerline 180/160mm rotors front & rear |
| Brake levers:     | Avid FR-5                                          |
| Rims:             | Alex DH19                                          |
| Front hub:        | Shimano Deore M525 Disc, 32h. 100mm, black w/QR    |
| Rear hub:         | Shimano Deore M525 Disc, 32h. 135mm, black w/QR    |
| Front/Rear tires: | WTB Nano Comp, 26 x 2.1"                           |
| Shifters:         | Microshift SL-M10, thumb shifter                   |
| Front derailleur: | Shimano Deore M611                                 |
| Rear derailleur:  | Shimano Deore RD T610-SGS                          |
| Cog or cogset:    | Shimano CS-HG50-10, 11-36t, 10-speed               |
| Stem:             | H.L., 31.8mm                                       |
| Handlebar:        | Jones Loop                                         |
| Saddle:           | Velo VL-2155, CroMoly rails                        |
| Seatpost:         | Kalloy, 272 x 350mm                                |
| Chain:            | KMC X10                                            |

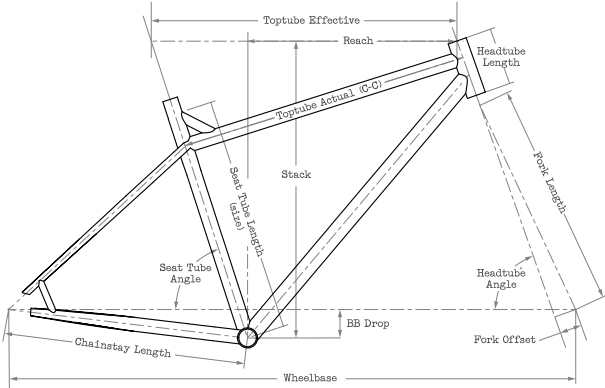
FRAME SPECIFICATIONS

| Category                         | Description                                                                                                                                                                                                                                                                                                                     |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Tubing:                          | Surly 4130 CroMoly steel.<br>Main triangle double-buttet. TIG-welded                                                                                                                                                                                                                                                            |
| Rear dropouts:                   | Horizontal slotted with derailleur hanger, 135mm O.L.D. Features Rohloff torque arm slot and threaded eyelets for fenders, racks and Surly trailer mounts*                                                                                                                                                                      |
| Brake compatibility:             | Disc and rim brake compatible. Disc mounts are 51mm I.S. Rim brake pivots are removable. Note: rear disc brake is limited to 160mm maximum rotor diameter and requires the use of Surly caliper adapter                                                                                                                         |
| Braze-ons:                       | Surly Trip Guide housing guides for derailleurs and brakes; three sets of bottle cage mounts; removable cantilever pivots; upper seatstay barrels, mid- and low-blade fork eyelets; threaded holes for racks, fenders and trailer mounting nuts; Rohloff OEM2 axle plate mounting slot                                          |
| Seatpost diameter:               | 27.2mm                                                                                                                                                                                                                                                                                                                          |
| Seatpost clamp diameter:         | 30.0mm, Surly stainless included                                                                                                                                                                                                                                                                                                |
| Headset/Steertube:               | 1-1/8" threadless                                                                                                                                                                                                                                                                                                               |
| Front derailleur clamp diameter: | 28.6mm, top-pull or Shimano high direct-mount                                                                                                                                                                                                                                                                                   |
| Bottom bracket shell:            | 73mm shell width, threaded standard English (1.37" x 24t)                                                                                                                                                                                                                                                                       |
| Chainring clearance:             | 24/36/48t                                                                                                                                                                                                                                                                                                                       |
| Tire clearance:                  | 26 x 2.75", Individual tire and rim combos affect tire clearance                                                                                                                                                                                                                                                                |
| Fork:                            | 4130 CroMoly, 80mm suspension corrected, butted straight blade. 1-1/8" x 260mm threadless steer tube, 51mm disc mount (203mm max. rotor diameter), removable cantilever pivots, line/housing guides; two setsof bottle cage mounts, each height adjustable (note: cages cannot be used on fork with some racks, and vice versa) |
| Color:                           | Steve's Pants Teal or Blacktacular                                                                                                                                                                                                                                                                                              |

WORLD TROLLER

GEOMETRY

| SIZE | ST (C-T) |       | TT (C-C) |       | TT (EFF) |       | ST Angle | HT Angle | HT  |       | BB Drop |      | CS Length |       | FK (A-C) |       | FK Offset |      | Wheel Base |        | S.O. Height* |       | Stack |       | Reach |       |
|------|----------|-------|----------|-------|----------|-------|----------|----------|-----|-------|---------|------|-----------|-------|----------|-------|-----------|------|------------|--------|--------------|-------|-------|-------|-------|-------|
|      | in       | mm    | in       | mm    | in       | mm    |          |          | in  | mm    | in      | mm   | in        | mm    | in       | mm    | in        | mm   | in         | mm     | in           | mm    | in    | mm    | in    | mm    |
| XS   | 14.0     | 355.6 | 20.9     | 532.0 | 21.5     | 546.0 | 73.0     | 71.0     | 3.5 | 90.0  | 1.6     | 40.0 | 16.5      | 419.0 | 17.8     | 453.0 | 1.6       | 40.0 | 39.8       | 1011.9 | 28.2         | 717.0 | 21.7  | 551.0 | 14.8  | 376.5 |
| S    | 16.0     | 406.4 | 21.6     | 549.0 | 22.5     | 571.0 | 73.0     | 71.0     | 3.9 | 100.0 | 1.6     | 40.0 | 16.5      | 419.0 | 17.8     | 453.0 | 1.6       | 40.0 | 40.8       | 1037.3 | 29.3         | 745.0 | 22.1  | 560.5 | 15.7  | 398.6 |
| M    | 18.0     | 457.5 | 22.4     | 570.0 | 23.5     | 596.0 | 73.0     | 71.0     | 4.3 | 110.0 | 1.6     | 40.0 | 16.5      | 419.0 | 17.8     | 453.0 | 1.6       | 40.0 | 41.8       | 1062.6 | 30.5         | 774.0 | 22.4  | 569.9 | 16.6  | 420.8 |
| LG   | 20.0     | 508.8 | 23.2     | 590.0 | 24.3     | 616.0 | 73.0     | 71.0     | 4.9 | 125.0 | 1.6     | 40.0 | 16.5      | 419.0 | 17.8     | 453.0 | 1.6       | 40.0 | 42.6       | 1083.2 | 31.7         | 804.0 | 23.0  | 584.1 | 17.2  | 436.4 |
| XL   | 22.0     | 558.8 | 23.9     | 608.3 | 24.8     | 631.0 | 73.0     | 71.0     | 5.7 | 145.0 | 1.6     | 40.0 | 16.5      | 419.0 | 17.8     | 453.0 | 1.6       | 40.0 | 43.3       | 1098.8 | 33.0         | 838.0 | 23.7  | 603.0 | 17.5  | 445.6 |



\*Standover is measured from the top of the TT, at the center, with a tire measuring approximately Ø676mm  
All dimensions and specifications are subject to change.

FRAME SPECIFICATIONS

| Category                                | Description                                                                                                                                                                                                                                                                                                                                                                                                                 |
|-----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Tubing:</b>                          | Surly 4130 CroMoly steel. Main triangle double-buttet. TIG-welded                                                                                                                                                                                                                                                                                                                                                           |
| <b>Rear dropouts:</b>                   | Horizontal slotted with derailleur hanger, 135mm O.L.D. Features Rohloff torque arm slot and threaded eyelets for fenders, racks and Surly trailer mounts                                                                                                                                                                                                                                                                   |
| <b>Brake compatibility:</b>             | Disc and rim brake compatible. Disc mounts are 51mm I.S. Rim brake pivots are removable. Note: rear disc brake is limited to 160mm maximum rotor diameter and requires the use of Surly caliper adapter (included with frames and bikes)                                                                                                                                                                                    |
| <b>Braze-ons:</b>                       | Full-length Surly Trip Guide housing line guides for derailleurs and brakes; two sets of bottle cage mounts; removable post cantilever pivots; upper seatstay threaded barrels, mid-and low-blade fully threaded through-blade fork eyelets; threaded holes for racks, fenders and trailer mounting nuts; Rohloff OEM2 axle plate mounting slot                                                                             |
| <b>Seatpost diameter:</b>               | 27.2mm                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Seatpost clamp diameter:</b>         | 30.0mm, Surly stainless included                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Headset/Steertube:</b>               | 1-1/8" threadless                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Front derailleur clamp diameter:</b> | 28.6mm, top-pull or Shimano high direct-mount (adaptor included)                                                                                                                                                                                                                                                                                                                                                            |
| <b>Bottom bracket shell:</b>            | 73mm shell width, threaded standard English (1.37" x 24t)                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Chainring clearance:</b>             | 24/36/48t                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Tire clearance:</b>                  | 26 x 2.75". Individual tire and rim combos affect tire clearance                                                                                                                                                                                                                                                                                                                                                            |
| <b>Fork:</b>                            | TIG-welded tapered & butted 4130 CroMoly, 100mm suspension corrected, tapered straight blade. Low- and mid-blade fully threaded through-blade rack eyelets; fender mount eyelets at dropout; 1-1/8" x 260mm threadless steer tube, 51mm disc mount (203mm max. rotor diameter), removable cantilever pivots, two sets of bottle mounts on each fork blade. Note: you can't always mount bottles on the fork with every rack |
| <b>Weight:</b>                          | Medium = 5.6 lb (2.54kg) Fork—uncut = 3.1 lb (1.4kg)                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Color</b>                            | Milque                                                                                                                                                                                                                                                                                                                                                                                                                      |

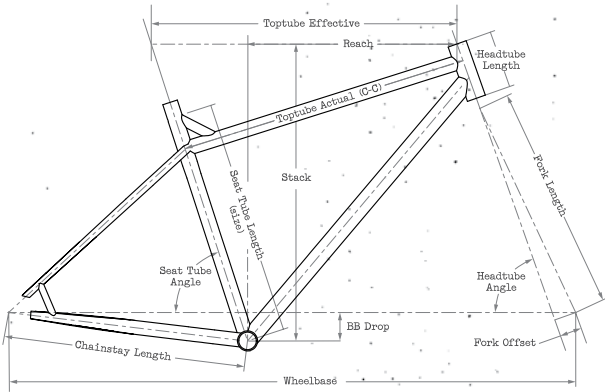
KRAMPLS

GEOMETRY

| SIZE | ST (C-T) |       | TT (C-C) |       | TT (EFF) |       | ST Angle | HT Angle | HT  |       | BB Drop |      | CS Length |       | FK (A-C) |       | FK Offset |      | Wheel Base |        | S.O. Height* |       | Stack |       | Reach |       |
|------|----------|-------|----------|-------|----------|-------|----------|----------|-----|-------|---------|------|-----------|-------|----------|-------|-----------|------|------------|--------|--------------|-------|-------|-------|-------|-------|
|      | in       | mm    | in       | mm    | in       | mm    |          |          | in  | mm    | in      | mm   | in        | mm    | in       | mm    | in        | mm   | in         | mm     | in           | mm    | in    | mm    | in    | mm    |
| S    | 14.8     | 375.0 | 22.1     | 561.0 | 23.0     | 585.0 | 72.5     | 69.5     | 3.5 | 90.0  | 2.4     | 60.0 | 17.6      | 446.0 | 19.0     | 483.0 | 1.9       | 47.0 | 43.0       | 1091.1 | 30.4         | 773.4 | 23.2  | 589.8 | 15.7  | 399.0 |
| M    | 16.7     | 425.0 | 22.8     | 578.0 | 24.0     | 609.0 | 72.5     | 69.5     | 3.7 | 95.0  | 2.4     | 60.0 | 17.6      | 446.0 | 19.0     | 483.0 | 1.9       | 47.0 | 44.0       | 1116.7 | 31.5         | 799.7 | 23.4  | 594.5 | 16.6  | 421.6 |
| L    | 18.7     | 475.5 | 23.5     | 597.4 | 24.8     | 630.0 | 72.5     | 69.5     | 3.9 | 100.0 | 2.4     | 60.0 | 17.6      | 446.0 | 19.0     | 483.0 | 1.9       | 47.0 | 44.8       | 1138.8 | 32.5         | 825.8 | 23.6  | 599.2 | 17.4  | 441.1 |
| XL   | 20.7     | 525.0 | 24.2     | 614.7 | 25.4     | 645.0 | 72.5     | 69.5     | 4.5 | 115.0 | 2.4     | 60.0 | 17.6      | 446.0 | 19.0     | 483.0 | 1.9       | 47.0 | 45.5       | 1155.3 | 33.7         | 856.6 | 24.1  | 613.2 | 17.8  | 451.7 |

COMPONENT SIZING

| SIZE | Stem Length |      | Stem Angle | Handlebar Width |       | Crank Length |
|------|-------------|------|------------|-----------------|-------|--------------|
|      | in          | mm   | degrees    | in              | mm    | mm           |
| S    | 2.4         | 60.0 | 7.0        | 28.3            | 720.0 | 170.0        |
| M    | 2.8         | 70.0 | 7.0        | 30.7            | 780.0 | 175.0        |
| LG   | 3.1         | 80.0 | 7.0        | 30.7            | 780.0 | 175.0        |
| XL   | 3.5         | 90.0 | 7.0        | 30.7            | 780.0 | 180.0        |



\*Standover is measured from the top of the TT, at the center, with a tire measuring approximately Ø775mm  
All dimensions and specifications are subject to change.

BIKE SPECIFICATIONS

| Component         | Stock                                           |
|-------------------|-------------------------------------------------|
| Headset:          | Cane Creek 40                                   |
| Crankset:         | Shimano ZEE, 33t                                |
| Bottom bracket:   | Surly Enduro                                    |
| Brakes:           | Avid BB7, HS1 180/160mm rotors front & rear     |
| Brake levers:     | Avid FR-5                                       |
| Rims:             | Surly Rabbit Hole 29+, 50mm w/speedholes        |
| Front hub:        | Surly Ultra New Disc, 32h. 100mm; black w/bolts |
| Rear hub:         | Shimano FH-M529 Disc, 32h. 135mm, black w/QR    |
| Front/Rear tires: | Surly Knard 29 x 3.0", 33tpi                    |
| Shifters:         | Shimano SLX, trigger shifter                    |
| Front derailleur: | MRP 1x guide. BB mount, yes                     |
| Rear derailleur:  | Shimano SLX RD-M675 Shadow+                     |
| Cog or cogset:    | SRAM GG-1070, 11–36t, 10-speed                  |
| Stem:             | Kalloy AS-007N, 31.8mm                          |
| Handlebar:        | Salsa Wammy                                     |
| Saddle:           | Velo VL-2155, CroMoly rails                     |
| Seatpost:         | Kalloy, 272 x 350mm                             |
| Chain:            | KMC X10                                         |

FRAME SPECIFICATIONS

| Category                         | Description                                                                                                                                                                                                                          |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Tubing:                          | Surly 4130 CroMoly steel.<br>Main triangle double-buttet. TIG-welded                                                                                                                                                                 |
| Rear dropouts:                   | Surly horizontal dropouts with derailleur hanger, 135mm O.L.D.                                                                                                                                                                       |
| Brake compatibility:             | 51mm I.S. disc mounts front and rear                                                                                                                                                                                                 |
| Braze-ons:                       | Dual water bottle mounts, Surly Trip Guide full line guides for brake and derailleurs, fender and rack eyelets                                                                                                                       |
| Seatpost diameter:               | 27.2mm                                                                                                                                                                                                                               |
| Seatpost clamp diameter:         | 30.0mm, Surly stainless included                                                                                                                                                                                                     |
| Headset/Steertube:               | 44mm ID. Recommend EC44 lower cups.<br>Zero Stack on top is ok                                                                                                                                                                       |
| Front derailleur clamp diameter: | 31.8mm, high direct-mount standard, clamp adapter included                                                                                                                                                                           |
| Bottom bracket shell:            | 73mm shell width, threaded standard English (1.37" x 24t)                                                                                                                                                                            |
| Chainring clearance:             | Triple 22/34/44t, Double 26/39t, Max single ring clearance, Middle position, 34t. Outer position 44t. (Triple will not work with Surly 50mm rim and 29 x 3.0" tire, for doubles, run a Surly O.D. Crankset for best tire clearance.) |
| Tire clearance:                  | 29 x 3.0"                                                                                                                                                                                                                            |
| Fork:                            | TIG-welded custom tapered butted 4130 CroMoly, 100–120mm suspension corrected, 1-1/8" steerer tube, 203mm disc brake clearance                                                                                                       |
| Weight:                          | Medium = 5.88 lb (2.67kg) Fork—uncut, 2.53 lb (1.15kg)                                                                                                                                                                               |
| Color:                           | Moonlit Swamp                                                                                                                                                                                                                        |

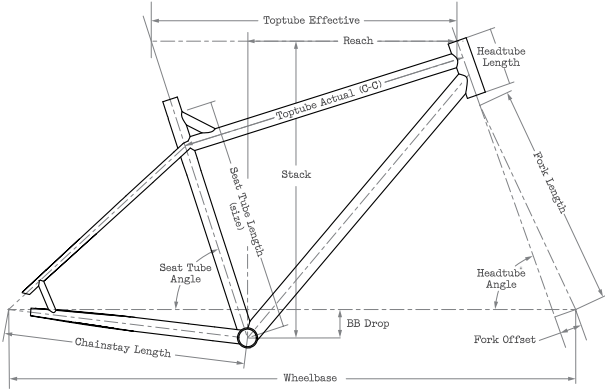
KRAMPUS OPS

GEOMETRY

| Size | ST (C-T) |       | TT (C-C) |       | TT (EFF) |       | ST Angle | HT Angle | HT  |       | BB Drop |      | CS Length |       | FK (A-C) |       | FK Offset |      | Wheel Base |        | S.O. Height* |       | Stack |       | Reach |       |
|------|----------|-------|----------|-------|----------|-------|----------|----------|-----|-------|---------|------|-----------|-------|----------|-------|-----------|------|------------|--------|--------------|-------|-------|-------|-------|-------|
|      | in       | mm    | in       | mm    | in       | mm    |          |          | in  | mm    | in      | mm   | in        | mm    | in       | mm    | in        | mm   | in         | mm     | in           | mm    | in    | mm    | in    | mm    |
| S    | 14.8     | 375.0 | 22.1     | 561.0 | 23.0     | 585.0 | 72.5     | 69.5     | 3.5 | 90.0  | 2.4     | 60.0 | 17.6      | 446.0 | 19.0     | 483.0 | 1.9       | 47.0 | 43.0       | 1091.1 | 30.4         | 773.4 | 23.2  | 589.8 | 15.7  | 399.0 |
| M    | 16.7     | 425.0 | 22.8     | 578.0 | 24.0     | 609.0 | 72.5     | 69.5     | 3.7 | 95.0  | 2.4     | 60.0 | 17.6      | 446.0 | 19.0     | 483.0 | 1.9       | 47.0 | 44.0       | 1116.7 | 31.5         | 799.7 | 23.4  | 594.5 | 16.6  | 421.6 |
| L    | 18.7     | 475.5 | 23.5     | 597.4 | 24.8     | 630.0 | 72.5     | 69.5     | 3.9 | 100.0 | 2.4     | 60.0 | 17.6      | 446.0 | 19.0     | 483.0 | 1.9       | 47.0 | 44.8       | 1138.8 | 32.5         | 825.8 | 23.6  | 599.2 | 17.4  | 441.1 |
| XL   | 20.7     | 525.0 | 24.2     | 614.7 | 25.4     | 645.0 | 72.5     | 69.5     | 4.5 | 115.0 | 2.4     | 60.0 | 17.6      | 446.0 | 19.0     | 483.0 | 1.9       | 47.0 | 45.5       | 1155.3 | 33.7         | 856.6 | 24.1  | 613.2 | 17.8  | 451.7 |

COMPONENT SIZING

| SIZE | Stem Length |      | Stem Angle | Handlebar Width |       | Crank Length |
|------|-------------|------|------------|-----------------|-------|--------------|
|      | in          | mm   | degrees    | in              | mm    | mm           |
| S    | 2.4         | 60.0 | 7.0        | 27.6            | 700.0 | 170.0        |
| M    | 2.8         | 70.0 | 7.0        | 29.5            | 750.0 | 175.0        |
| LG   | 3.1         | 80.0 | 7.0        | 29.5            | 750.0 | 175.0        |
| XL   | 3.5         | 90.0 | 7.0        | 29.5            | 750.0 | 180.0        |



\*Standover is measured from the top of the TT, at the center, with a tire measuring approximately Ø775mm  
All dimensions and specifications are subject to change.

BIKE SPECIFICATIONS

| Component         | Stock                                              |
|-------------------|----------------------------------------------------|
| Headset:          | Cane Creek 40                                      |
| Crankset:         | Surly O.D., 33t                                    |
| Bottom bracket:   | Surly Enduro                                       |
| Brakes:           | Avid BB7, Centerline 180/160mm rotors front & rear |
| Brake levers:     | Avid FR-5                                          |
| Rims:             | Surly Rabbit Hole 29+, 50mm w/speedholes           |
| Front hub:        | Surly Ultra New Disc, 32h. 100mm, black w/bolts    |
| Rear hub:         | Shimano M525 Disc, 32h. 135mm, black w/QR          |
| Front/Rear tires: | Surly Knard 29 x 3.0", 33tpi                       |
| Shifters:         | Shimano SLX, trigger shifter                       |
| Front derailleur: | MRP 1x guide. BB mount, yep                        |
| Rear derailleur:  | Shimano SLX M675 Shadow+                           |
| Cog or cogset:    | Shimano HG50, 11-36t, 10-speed                     |
| Stem:             | Kalloy AS-007N, 31.8mm                             |
| Handlebar:        | Salsa Salt Flat                                    |
| Saddle:           | Velo VL-2155, CroMoly rails                        |
| Seatpost:         | Kalloy, 27.2 x 350mm                               |
| Chain:            | KMC X10                                            |

FRAME SPECIFICATIONS

| Category                         | Description                                                                                                                                                                                                                          |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Tubing:                          | Surly 4130 CroMoly steel.<br>Main triangle double-buttet. TIG-welded                                                                                                                                                                 |
| Rear dropouts:                   | Our Modular Dropout System gives you the option of 142 x 12mm thru-axle (Shimano direct-mount derailleur hanger [axle included]), 9mm QR geared, or singlespeed                                                                      |
| Brake compatibility:             | 51mm I.S. disc mounts front and rear                                                                                                                                                                                                 |
| Braze-ons:                       | Dual water bottle mounts, Surly Trip Guide full line guides for brake and derailleurs, fender and rack eyelets                                                                                                                       |
| Seatpost diameter:               | 27.2mm                                                                                                                                                                                                                               |
| Seatpost clamp diameter:         | 30.0mm, Surly stainless included                                                                                                                                                                                                     |
| Headset/Steertube:               | 44mm ID. Recommend EC44 lower cups.<br>Zero Stack on top is ok                                                                                                                                                                       |
| Front derailleur clamp diameter: | 31.8mm, high direct-mount standard, clamp adapter included                                                                                                                                                                           |
| Bottom bracket shell:            | 73mm shell width, threaded standard English (1.37" x 24t)                                                                                                                                                                            |
| Chainring clearance:             | Triple 22/34/44t, Double 26/39t, Max single ring clearance, Middle position, 34t. Outer position 44t. (Triple will not work with Surly 50mm rim and 29 x 3.0" tire, for doubles, run a Surly O.D. Crankset for best tire clearance.) |
| Tire clearance:                  | 29 x 3.0"                                                                                                                                                                                                                            |
| Fork:                            | TIG-welded custom tapered-buttet 4130 CroMoly, 100-120mm suspension corrected, 1-1/8" steerer tube, 203mm disc brake clearance                                                                                                       |
| Weight:                          | Medium = 5.88 lb (2.67kg) Fork—uncut, 2.53 lb (1.15kg)                                                                                                                                                                               |
| Color:                           | Black Matte                                                                                                                                                                                                                          |

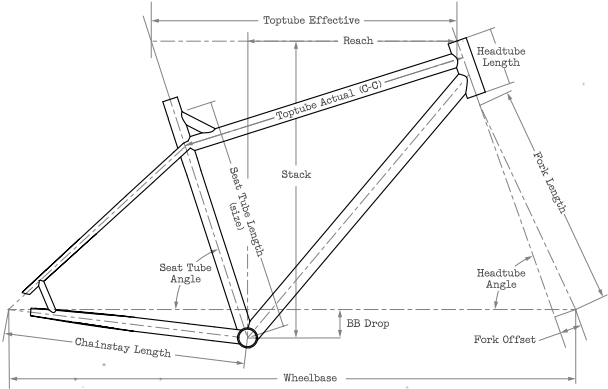
# KARATE MONKEY SS

## GEOMETRY

| SIZE | ST (C-T) |       | TT (C-C) |       | TT (EFF) |       | ST Angle | HT Angle | HT  |       | BB Drop |      | CS Length |       | FK (A-C) |       | FK Offset |      | Wheel Base |        | S.O. Height* |       | Stack |       | Reach |       |
|------|----------|-------|----------|-------|----------|-------|----------|----------|-----|-------|---------|------|-----------|-------|----------|-------|-----------|------|------------|--------|--------------|-------|-------|-------|-------|-------|
|      | in       | mm    | in       | mm    | in       | mm    |          |          | in  | mm    | in      | mm   | in        | mm    | in       | mm    | in        | mm   | in         | mm     | in           | mm    | in    | mm    | in    | mm    |
| S    | 16.0     | 406.4 | 22.0     | 557.7 | 22.7     | 575.6 | 73.0°    | 71.0°    | 3.9 | 100.0 | 2.7     | 68.0 | 17.0      | 431.0 | 18.4     | 468.0 | 1.7       | 43.0 | 41.2       | 1046.1 | 30.0         | 762.9 | 23.3  | 591.1 | 15.5  | 394.9 |
| M    | 18.0     | 457.2 | 22.6     | 575.0 | 23.6     | 599.3 | 73.0°    | 71.5°    | 3.9 | 100.0 | 2.7     | 68.0 | 17.0      | 431.0 | 18.4     | 468.0 | 1.7       | 43.0 | 41.9       | 1064.9 | 31.2         | 792.7 | 23.7  | 602.5 | 16.3  | 415.1 |
| LG   | 20.0     | 508.0 | 23.2     | 589.9 | 24.3     | 616.3 | 73.0°    | 72.0°    | 4.3 | 110.0 | 2.7     | 68.0 | 17.0      | 431.0 | 18.4     | 468.0 | 1.7       | 43.0 | 42.4       | 1076.8 | 32.4         | 822.5 | 24.2  | 614.0 | 16.9  | 428.6 |
| XL   | 22.0     | 558.8 | 23.9     | 607.1 | 24.9     | 632.2 | 73.0°    | 72.0°    | 4.9 | 125.0 | 2.7     | 68.0 | 17.0      | 431.0 | 18.4     | 468.0 | 1.7       | 43.0 | 43.0       | 1093.0 | 33.6         | 853.5 | 24.7  | 628.2 | 17.3  | 440.1 |

## COMPONENT SIZING

| SIZE | Stem Length<br>in mm |       | Stem Angle<br>degrees | Handlebar Width<br>in mm |       | Crank Length<br>mm |
|------|----------------------|-------|-----------------------|--------------------------|-------|--------------------|
| S    | 3.1                  | 80.0  | 7.0                   | 28.0                     | 720.0 | 170.0              |
| M    | 3.5                  | 90.0  | 7.0                   | 28.0                     | 780.0 | 175.0              |
| LG   | 3.9                  | 100.0 | 7.0                   | 28.0                     | 780.0 | 175.0              |
| XL   | 4.3                  | 110.0 | 7.0                   | 28.0                     | 780.0 | 175.0              |



\*Standover is measured from the top of the TT, at the center, with a tire measuring approximately Ø737mm  
All dimensions and specifications are subject to change.

## BIKE SPECIFICATIONS

| Component         | Type                                                     |
|-------------------|----------------------------------------------------------|
| Headset:          | Cane Creek 40                                            |
| Crankset:         | SRAM Firex 1.1, 32t                                      |
| Bottom bracket:   | SRAM GXP                                                 |
| Brakes:           | Hayes MX5 Expert, V-series 180/160mm rotors front & rear |
| Brake levers:     | SRAM FR-5                                                |
| Rims:             | Alex XD-Lite                                             |
| Front hub:        | Shimano Deore M525 Disc, 32h. 100mm, black w/QR          |
| Rear hub:         | Shimano Deore M525 Disc, 32h. 135mm, black w/QR          |
| Front/Rear tires: | Maxxis Ardent 29 x 2.4"                                  |
| Shifters:         | Hit the bricks, pal.                                     |
| Front derailleur: | Say what?                                                |
| Rear derailleur:  | Nuh uh.                                                  |
| Cog or cogset:    | Surly 17t, 3/32"                                         |
| Stem:             | H.L., 31.8 mm                                            |
| Handlebar:        | Answer Pro-Taper                                         |
| Saddle:           | Velo VL-2155, CroMoly rails                              |
| Seatpost:         | Kalloy SP-342, 272 x 350mm                               |
| Chain:            | KMC Z610H, 3/32"                                         |

## FRAME SPECIFICATIONS

| Category                         | Description                                                                                                                                                                                                                                     |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Tubing:                          | Surly 4130 CroMoly-steel. Main triangle double-butted. TIG-welded.                                                                                                                                                                              |
| Rear dropouts:                   | Frame comes equipped as a singlespeed. Our Modular Dropout System gives you the option of 142 x 12mm thru-axle, singlespeed or Shimano direct mount derailleur hanger [axle included], 9mm QR geared. More combos than you can shake a stick at |
| Brake compatibility:             | 51mm I.S. disc mounts front and rear                                                                                                                                                                                                            |
| Braze-ons:                       | Dual water bottle mounts, Surly Trip Guides for continuous brake and derailleur housing                                                                                                                                                         |
| Seatpost diameter:               | 27.2mm (high-direct)                                                                                                                                                                                                                            |
| Seatpost clamp diameter:         | 30.0mm, included                                                                                                                                                                                                                                |
| Headset/Steertube:               | 44mm                                                                                                                                                                                                                                            |
| Front derailleur clamp diameter: | 28.6mm                                                                                                                                                                                                                                          |
| Bottom bracket shell:            | 73mm shell width, standard English threading, 1.37" x 24t                                                                                                                                                                                       |
| Chaining clearance:              | 24/36/48t                                                                                                                                                                                                                                       |
| Tire clearance:                  | 29 x 2.5" knobbies. Individual tire and rim combos affect tire clearance                                                                                                                                                                        |
| Fork:                            | Suspension-corrected (80mm), tapered and butted straight blade, 4130 CroMoly. 51mm I.S. disc mount                                                                                                                                              |
| Color:                           | Mint Green                                                                                                                                                                                                                                      |

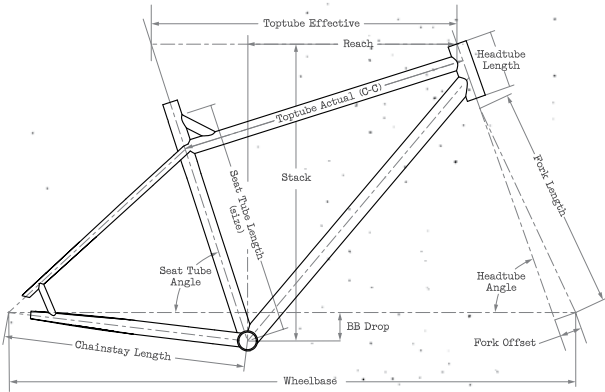
# KARATE MONKEY OPS

## GEOMETRY

| SIZE | ST (C-T)<br>in mm |       | TT (C-C)<br>in mm |       | TT (EFF)<br>in mm |       | ST<br>Angle | HT<br>Angle | HT<br>in mm |       | BB Drop<br>in mm |      | CS Length<br>in mm |       | FK (A-C)<br>in mm |       | FK Offset<br>in mm | Wheel Base<br>in mm |      | S.O. Height*<br>in mm |      | Stack<br>in mm |      | Reach<br>in mm |      |       |
|------|-------------------|-------|-------------------|-------|-------------------|-------|-------------|-------------|-------------|-------|------------------|------|--------------------|-------|-------------------|-------|--------------------|---------------------|------|-----------------------|------|----------------|------|----------------|------|-------|
| S    | 16.0              | 406.4 | 22.0              | 557.7 | 22.7              | 575.6 | 73.0°       | 71.0°       | 3.5         | 90.0  | 2.7              | 68.0 | 17.0               | 431.0 | 18.4              | 468.0 | 1.7                | 43.0                | 41.2 | 1046.1                | 30.0 | 762.9          | 23.3 | 591.1          | 15.5 | 394.9 |
| M    | 18.0              | 457.2 | 22.6              | 575.0 | 23.6              | 599.3 | 73.0°       | 71.5°       | 3.9         | 100.0 | 2.7              | 68.0 | 17.0               | 431.0 | 18.4              | 468.0 | 1.7                | 43.0                | 41.9 | 1064.9                | 31.2 | 792.7          | 23.7 | 602.5          | 16.3 | 415.1 |
| LG   | 20.0              | 508.0 | 23.2              | 589.9 | 24.3              | 616.3 | 73.0°       | 72.0°       | 4.3         | 110.0 | 2.7              | 68.0 | 17.0               | 431.0 | 18.4              | 468.0 | 1.7                | 43.0                | 42.4 | 1076.8                | 32.4 | 822.5          | 24.2 | 614.0          | 16.9 | 428.6 |
| XL   | 22.0              | 558.8 | 23.9              | 607.1 | 24.9              | 632.2 | 73.0°       | 72.0°       | 4.9         | 125.0 | 2.7              | 68.0 | 17.0               | 431.0 | 18.4              | 468.0 | 1.7                | 43.0                | 43.0 | 1093.0                | 33.6 | 853.5          | 24.7 | 628.2          | 17.3 | 440.1 |

## COMPONENT SIZING

| SIZE | Stem Length<br>in mm |       | Stem Angle<br>degrees | Handlebar Width<br>in mm |       | Crank Length<br>mm |
|------|----------------------|-------|-----------------------|--------------------------|-------|--------------------|
| S    | 3.1                  | 80.0  | 7.0                   | 27.6                     | 700.0 | 170.0              |
| M    | 3.5                  | 90.0  | 7.0                   | 29.5                     | 750.0 | 175.0              |
| LG   | 3.9                  | 100.0 | 7.0                   | 29.5                     | 750.0 | 175.0              |
| XL   | 4.7                  | 110.0 | 7.0                   | 29.5                     | 750.0 | 175.0              |



\*Standover is measured from the top of the TT, at the center, with a tire measuring approximately Ø737mm  
All dimensions and specifications are subject to change.

## BIKE SPECIFICATIONS

| Component                | Type                                                                                     |
|--------------------------|------------------------------------------------------------------------------------------|
| <b>Headset:</b>          | Cane Creek 40                                                                            |
| <b>Crankset:</b>         | Shimano Deore, 24/38t                                                                    |
| <b>Bottom bracket:</b>   | Shimano SM-BB51                                                                          |
| <b>Brakes:</b>           | Shimano Deore Hydraulic, SM-RT68 180/160mm rotors front & rear                           |
| <b>Brake levers:</b>     | Shimano Deore                                                                            |
| <b>Rims:</b>             | Alex XD-Lite                                                                             |
| <b>Front hub:</b>        | Shimano Deore M618 Disc, center-lock, 32h. 15mm thru-axle, black                         |
| <b>Rear hub:</b>         | Shimano Deore M618 Disc, center-lock, 32h. 12mm thru-axle, black                         |
| <b>Front/Rear tires:</b> | Schwalbe Nobby Nic 29 x 2.4" [North America] Maxxis Ardent 29 x 2.4" [all other regions] |
| <b>Shifters:</b>         | Shimano Deore M610, trigger shifter                                                      |
| <b>Front derailleur:</b> | Shimano Deore M616D                                                                      |
| <b>Rear derailleur:</b>  | Shimano Deore M615                                                                       |
| <b>Cog or cogset:</b>    | Shimano HG50, 11-36t, 10-speed                                                           |
| <b>Stem:</b>             | H.L., 31.8mm                                                                             |
| <b>Handlebar:</b>        | Salsa Salt Flat *                                                                        |
| <b>Saddle:</b>           | Velo VL2155, CroMoly rails                                                               |
| <b>Seatpost:</b>         | Kalloy SP-342, 272 x 350mm                                                               |
| <b>Chain:</b>            | KMC X10, Yep, it's a chain                                                               |

## FRAME SPECIFICATIONS

| Category                                | Description                                                                                                                                                        |
|-----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Tubing:</b>                          | Surly 4130 CroMoly steel. Main triangle double-butt. TIG-welded                                                                                                    |
| <b>Rear dropouts:</b>                   | Surly Modular Dropout System gives you the option of 142 x 12mm thru-axle (Shimano Direct Mount derailleur hanger [axle included]), 10mm QR geared, or singlespeed |
| <b>Brake compatibility:</b>             | 51mm I.S. disc mounts front and rear                                                                                                                               |
| <b>Braze-ons:</b>                       | Dual water bottle mounts, Surly Trip Guides for continuous brake and derailleur housing                                                                            |
| <b>Seatpost diameter:</b>               | 27.2mm                                                                                                                                                             |
| <b>Seatpost clamp diameter:</b>         | 30.0mm, included                                                                                                                                                   |
| <b>Headset/Steertube:</b>               | 44mm ID. Recommend EC44 lower cups. Zero Stack on top is o.k.                                                                                                      |
| <b>Front derailleur clamp diameter:</b> | 28.6mm (high-direct) adaptor included                                                                                                                              |
| <b>Bottom bracket shell:</b>            | 73mm shell width, standard English threading, 1.37" x 24t                                                                                                          |
| <b>Chainring clearance:</b>             | 24/36/48t                                                                                                                                                          |
| <b>Tire clearance:</b>                  | 29 x 2.5" knobbies. Individual tire and rim combos affect tire clearance                                                                                           |
| <b>Fork:</b>                            | Fox Float 32 100mm travel, 15mm thru-axle fork                                                                                                                     |
| <b>Color:</b>                           | Stretchpants Black                                                                                                                                                 |

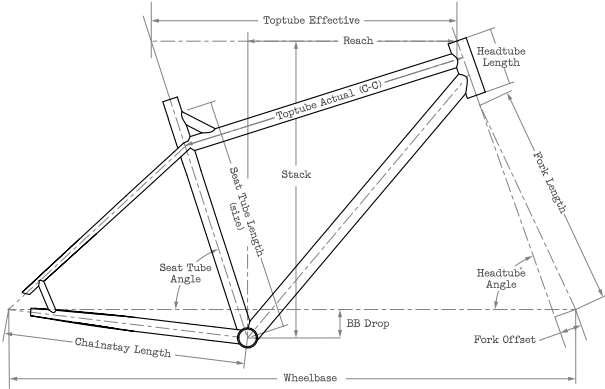
INSTIGATOR 2.0

GEOMETRY

| SIZE | ST (C-T) |       | TT (C-C) |       | TT (EFF) |       | ST    | HT    | HT  |       | BB Drop |      | CS Length |       | FK (A-C) |       | FK Offset | Wheel Base | S.O. Height* | Stack  |      | Reach |      |       |      |       |
|------|----------|-------|----------|-------|----------|-------|-------|-------|-----|-------|---------|------|-----------|-------|----------|-------|-----------|------------|--------------|--------|------|-------|------|-------|------|-------|
|      | in       | mm    | in       | mm    | in       | mm    | Angle | Angle | in  | mm    | in      | mm   | in        | mm    | in       | mm    | mm        | in         | mm           | in     | mm   | in    | mm   |       |      |       |
| XS** | 12.8     | 298.6 | 21.8     | 552.8 | 21.9     | 555.0 | 73.0  | 67.5  | 3.9 | 100.0 | 1.2     | 30.0 | 16.4      | 416.4 | 20.0     | 508.3 | 1.7       | 44.0       | 42.1         | 1070.5 | 29.1 | 738.7 | 23.0 | 584.5 | 14.9 | 377.9 |
| S    | 14.8     | 376.4 | 22.5     | 570.8 | 22.8     | 580.0 | 73.0  | 67.5  | 3.9 | 100.0 | 1.2     | 30.0 | 16.4      | 416.4 | 20.0     | 508.3 | 1.7       | 44.0       | 43.1         | 1095.5 | 29.3 | 745.2 | 23.0 | 584.5 | 15.9 | 402.9 |
| M    | 16.8     | 427.2 | 23.0     | 584.7 | 23.8     | 605.0 | 73.0  | 67.5  | 3.9 | 100.0 | 1.2     | 30.0 | 16.4      | 416.4 | 20.0     | 508.3 | 1.7       | 44.0       | 44.1         | 1120.5 | 30.4 | 771.6 | 23.0 | 584.5 | 16.6 | 422.9 |
| LG   | 18.8     | 478.0 | 23.7     | 601.1 | 24.6     | 625.0 | 73.0  | 67.5  | 4.5 | 115.0 | 1.2     | 30.0 | 16.4      | 416.4 | 20.0     | 508.3 | 1.7       | 44.0       | 45.0         | 1142.0 | 31.4 | 796.7 | 23.6 | 598.3 | 17.5 | 443.7 |
| XL   | 20.8     | 528.8 | 24.5     | 621.6 | 25.4     | 645.0 | 73.0  | 67.5  | 4.5 | 115.0 | 1.2     | 30.0 | 16.4      | 416.4 | 20.0     | 508.3 | 1.7       | 44.0       | 45.7         | 1162.0 | 32.6 | 827.7 | 23.6 | 598.3 | 18.3 | 463.7 |

COMPONENT SIZING

| SIZE | Stem Length |      | Stem Angle | Handlebar Width |       | Crank Length |
|------|-------------|------|------------|-----------------|-------|--------------|
|      | in          | mm   | degrees    | in              | mm    | mm           |
| XS** | 2.4         | 60.0 | 5.0        | 27.6            | 700.0 | 170.0        |
| S    | 2.4         | 60.0 | 5.0        | 27.6            | 700.0 | 170.0        |
| M    | 2.8         | 70.0 | 5.0        | 29.5            | 750.0 | 175.0        |
| LG   | 3.1         | 80.0 | 5.0        | 29.5            | 750.0 | 175.0        |
| XL   | 3.5         | 90.0 | 5.0        | 29.5            | 750.0 | 175.0        |



\*Standover is measured from the top of the TT, at the center, with a tire measuring approximately Ø700mm  
\*\*The XS frame size does not include a support tube like the others; therefore, the ST Length measurement is taken from the center of the BB to the top of the TT.  
All dimensions and specifications are subject to change.

BIKE SPECIFICATIONS

| Component         | Type                                               |
|-------------------|----------------------------------------------------|
| Headset:          | Cane Creek 40                                      |
| Crankset:         | Surly O.D., 30t                                    |
| Bottom bracket:   | Surly Endro                                        |
| Brakes:           | Shimano SLX BR-M675, 180/160mm rotors front & rear |
| Brake levers:     | Shimano SLX BL-M675                                |
| Rims:             | Surly Rabbit Hole 26+, 50mm w/speedholes           |
| Front hub:        | Shimano SLX HB-M678 Disc, 15mm thru-axle, black    |
| Rear hub:         | Shimano SLX FH-M678 Disc, 12mm thru-axle, black    |
| Front/Rear tires: | Surly Dirt Wizard 26 x 2.75", 27tpi                |
| Shifters:         | Shimano SLX M670, trigger shifter                  |
| Front derailleur: | MRP 1x chain guide, ICSG 05                        |
| Rear derailleur:  | Shimano SLX RD-M675 Shadow+                        |
| Cog or cogset:    | Shimano HG62-10, 11-36t, 10-speed                  |
| Stem:             | TruVativ AKA, 31.8mm                               |
| Handlebar:        | Salsa Pro Moto                                     |
| Saddle:           | Velo VL-2155, CroMoly rails                        |
| Seatpost:         | Kalloy SP-342, 27.2 x 350mm                        |
| Chain:            | KMC X10, Yep, it's a chain                         |

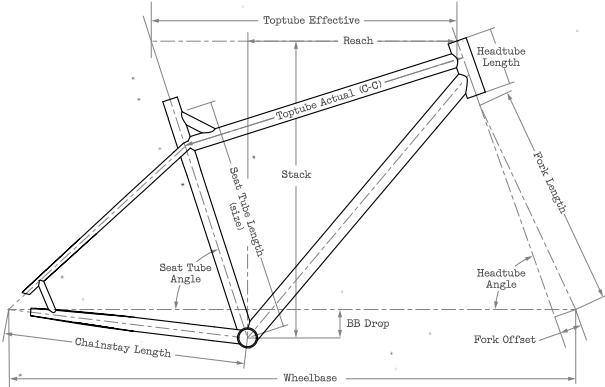
FRAME SPECIFICATIONS

| Category                         | Description                                                                                                                                                                                                                         |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Tubing:                          | 100% Surly 4130 CroMoly steel. ED coated. Double-butted main triangle. TIG-welded                                                                                                                                                   |
| Rear dropouts:                   | Our Modular Dropout System gives you the option of 142 x 12mm thru-axle (Shimano direct-mount derailleur hanger [axle included]), 10mm QR geared, or singlespeed                                                                    |
| Brake compatibility:             | Disc only                                                                                                                                                                                                                           |
| Braze-ons:                       | None                                                                                                                                                                                                                                |
| Seatpost diameter:               | 33.9mm                                                                                                                                                                                                                              |
| Seatpost clamp diameter:         | 33.1mm, Surly Constrictor included                                                                                                                                                                                                  |
| Headset/Steertube:               | 44.0mm ID headtube, taper steerer compatible; EC44 lower                                                                                                                                                                            |
| Front derailleur clamp diameter: | 34.9mm, high direct mount                                                                                                                                                                                                           |
| Bottom bracket shell:            | 73mm BB Shell, ICSG-05 mount                                                                                                                                                                                                        |
| Chaining clearance:              | Triple 22/34/44t, Double 26/39t, max single ring clearance, middle position, 34t. Outer position 44t. (Triple will not work with Surly 50mm rim and 29 x 3.0" tire, for doubles, run a Surly O.D. Crankset for best tire clearance) |
| Tire clearance:                  | 26 x 3.0"                                                                                                                                                                                                                           |
| Fork:                            | NOTE: Frame only does not come with a fork. Complete bikes Fox Float 32, 140mm travel                                                                                                                                               |
| Color:                           | SolidGold Gold                                                                                                                                                                                                                      |

1X1

GEOMETRY

| SIZE | ST (C-T) |       | TT (C-C) |       | TT (EFF) |       | ST Angle | HT Angle | HT  |       | BB Drop |      | CS Length |       | FK (A-C) |       | FK Offset |      | Wheel Base |        | S.O. Height* |       | Stack |       | Reach |       |
|------|----------|-------|----------|-------|----------|-------|----------|----------|-----|-------|---------|------|-----------|-------|----------|-------|-----------|------|------------|--------|--------------|-------|-------|-------|-------|-------|
|      | in       | mm    | in       | mm    | in       | mm    |          |          | in  | mm    | in      | mm   | in        | mm    | in       | mm    | in        | mm   | in         | mm     | in           | mm    | in    | mm    | in    | mm    |
| XS   | 14.0     | 355.6 | 20.9     | 532.0 | 21.5     | 546.0 | 73.0     | 71.0     | 3.5 | 90.0  | 1.6     | 40.0 | 16.5      | 419.0 | 17.8     | 453.0 | 1.6       | 40.0 | 39.8       | 1011.9 | 28.2         | 717.0 | 21.7  | 551.0 | 14.8  | 376.5 |
| S    | 16.0     | 406.4 | 21.6     | 549.0 | 22.5     | 571.0 | 73.0     | 71.0     | 3.9 | 100.0 | 1.6     | 40.0 | 16.5      | 419.0 | 17.8     | 453.0 | 1.6       | 40.0 | 40.8       | 1037.3 | 29.3         | 745.0 | 22.1  | 560.5 | 15.7  | 398.6 |
| M    | 18.0     | 457.5 | 22.4     | 570.0 | 23.5     | 596.0 | 73.0     | 71.0     | 4.3 | 110.0 | 1.6     | 40.0 | 16.5      | 419.0 | 17.8     | 453.0 | 1.6       | 40.0 | 41.8       | 1062.6 | 30.5         | 774.0 | 22.4  | 569.9 | 16.6  | 420.8 |
| L    | 20.0     | 508.8 | 23.2     | 590.0 | 24.3     | 616.0 | 73.0     | 71.0     | 4.9 | 125.0 | 1.6     | 40.0 | 16.5      | 419.0 | 17.8     | 453.0 | 1.6       | 40.0 | 42.6       | 1083.2 | 31.7         | 804.0 | 23.0  | 584.1 | 17.2  | 436.4 |
| XL   | 22.0     | 558.8 | 23.9     | 608.3 | 24.8     | 631.0 | 73.0     | 71.0     | 5.7 | 145.0 | 1.6     | 40.0 | 16.5      | 419.0 | 17.8     | 453.0 | 1.6       | 40.0 | 43.3       | 1098.8 | 33.0         | 838.0 | 23.7  | 603.0 | 17.5  | 445.6 |



\*Standover is measured from the top of the TT, at the center, with a tire measuring approximately Ø676mm  
All dimensions and specifications are subject to change.

FRAME SPECIFICATIONS

| Category                        | Description                                                                                                                                            |
|---------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Tubing:</b>                  | 4130 CroMoly steel. Main triangle double-buttet. TIG-welded                                                                                            |
| <b>Rear dropouts:</b>           | Investment cast Surly track dropouts, 135mm spaced                                                                                                     |
| <b>Braze-ons:</b>               | 51mm disc tabs, rear brake toptube hydro line guides, seatstay mounted disc housing guides, fender eyelets front and rear and dual water bottle mounts |
| <b>Seatpost diameter:</b>       | 27.2mm                                                                                                                                                 |
| <b>Seatpost clamp diameter:</b> | 30.0mm, Surly stainless included                                                                                                                       |
| <b>Headset/Steertube:</b>       | 1-1/8" threadless                                                                                                                                      |
| <b>Bottom bracket shell:</b>    | 73mm wide, threaded English 1.37" x 24t                                                                                                                |
| <b>Chainring clearance:</b>     | 24/36/48t                                                                                                                                              |
| <b>Tire clearance:</b>          | 26 x 2.75"                                                                                                                                             |
| <b>Fork:</b>                    | Suspension corrected for 100mm travel suspension fork. 100% CroMoly, tapered and butted, straight-blade                                                |
| <b>Frame color:</b>             | Stash Green & No Bottom Black                                                                                                                          |

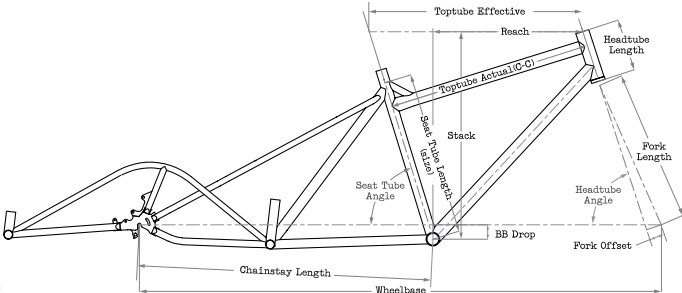
BIG DUMMY

GEOMETRY

| SIZE | ST (C-T) |       | TT (C-C) |       | TT (EFF) |       | ST Angle | HT Angle | HT  |       | BB Drop |      | CS Length |       | FK (A-C) |       | FK Offset |      | Wheel Base |        | S.O. Height* |       | Stack |       | Reach |       |
|------|----------|-------|----------|-------|----------|-------|----------|----------|-----|-------|---------|------|-----------|-------|----------|-------|-----------|------|------------|--------|--------------|-------|-------|-------|-------|-------|
|      | in       | mm    | in       | mm    | in       | mm    |          |          | in  | mm    | in      | mm   | in        | mm    | in       | mm    | in        | mm   | in         | mm     | in           | mm    | in    | mm    | in    | mm    |
| S    | 16.0     | 406.4 | 21.7     | 550.6 | 22.6     | 573.5 | 73.0     | 72.0     | 5.2 | 131.7 | 1.6     | 40.0 | 32.6      | 827.0 | 16.7     | 425.0 | 1.7       | 43.0 | 56.5       | 1435.9 | 29.1         | 740.4 | 22.3  | 566.5 | 15.7  | 399.6 |
| M    | 18.0     | 457.2 | 22.4     | 570.1 | 23.5     | 596.1 | 73.0     | 72.0     | 5.7 | 145.9 | 1.6     | 40.0 | 32.6      | 827.0 | 16.7     | 425.0 | 1.7       | 43.0 | 57.4       | 1458.8 | 30.4         | 771.5 | 22.8  | 580.0 | 16.5  | 418.1 |
| L    | 20.0     | 508.0 | 23.2     | 588.7 | 24.2     | 614.1 | 73.0     | 72.0     | 6.3 | 160.8 | 1.6     | 40.0 | 32.6      | 827.0 | 16.7     | 425.0 | 1.7       | 43.0 | 58.1       | 1477.0 | 31.6         | 802.9 | 23.4  | 594.1 | 17.0  | 431.7 |
| XL   | 22.0     | 558.8 | 24.0     | 609.6 | 24.9     | 631.8 | 73.0     | 72.0     | 7.0 | 178.8 | 1.6     | 40.0 | 32.6      | 827.0 | 16.7     | 425.0 | 1.7       | 43.0 | 58.9       | 1495.0 | 32.9         | 835.8 | 24.1  | 611.3 | 17.5  | 444.1 |

COMPONENT SIZING

| SIZE | Stem Length |       | Stem Angle | Handlebar Width |       | Crank Length |
|------|-------------|-------|------------|-----------------|-------|--------------|
|      | in          | mm    | degrees    | in              | mm    | mm           |
| S    | 3.1         | 80.0  | 7.0        | 28.0            | 700.0 | 170.0        |
| M    | 3.5         | 90.0  | 7.0        | 30.0            | 750.0 | 175.0        |
| LG   | 3.9         | 100.0 | 7.0        | 30.0            | 750.0 | 175.0        |
| XL   | 4.3         | 110.0 | 7.0        | 30.0            | 750.0 | 175.0        |



\*Standover is measured from the top of the TT, at the center, with a tire measuring approximately Ø676mm  
All dimensions and specifications are subject to change.

BIKE SPECIFICATIONS

| Component         | Type                                            |
|-------------------|-------------------------------------------------|
| Headset:          | Cane Creek 40                                   |
| Crankset:         | Shimano LX, 26/36/48t                           |
| Bottom bracket:   | Surly Enduro                                    |
| Brakes:           | Avid BB7, Centerline 180mm rotors front & rear  |
| Brake levers:     | Avid FR-5                                       |
| Rims:             | Alex DH19                                       |
| Front hub:        | Shimano Deore M525 Disc, 36h. 100mm, black w/QR |
| Rear hub:         | Shimano Deore M525 Disc, 36h. 135mm, black w/QR |
| Front/Rear tires: | Continental Town & Country, 26 x 2.1"           |
| Shifters:         | Shimano Deore SL-M610, trigger shifter          |
| Front derailleur: | Shimano Deore FD-T610                           |
| Rear derailleur:  | Shimano Deore, RD-T780                          |
| Cog or cogset:    | Shimano CS-HG50-10, 11-36t, 10-speed            |
| Stem:             | H.L., 31.8mm                                    |
| Handlebar:        | Salsa Salt Flat                                 |
| Saddle:           | Velo VL-2155, CroMoly rails                     |
| Seatpost:         | Kalloy, 272 x 350mm                             |
| Chain:            | KMC X10                                         |

FRAME SPECIFICATIONS

| Category                         | Description                                                                                                                                                                                                    |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Tubing:                          | Surly 4130 CroMoly steel. Main triangle double-butted. TIG-welded cargo specific engineered for stiffness and durability                                                                                       |
| Rear dropouts:                   | Vertical, 135mm spaced with fender eyelets; Rohloff compliant                                                                                                                                                  |
| Brake compatibility:             | 51mm disc mounts and removable cantilever pivots                                                                                                                                                               |
| Braze-ons:                       | Quad water bottle mounts, Surly Trip Guides for continuous brake/shift housing or brake hydraulic line (toptube and seatstay routing), fender eyelets                                                          |
| Seatpost diameter:               | 27.2mm                                                                                                                                                                                                         |
| Seatpost clamp diameter:         | 30.0mm, Surly stainless included                                                                                                                                                                               |
| Headset/Steertube:               | 1-1/8" threadless                                                                                                                                                                                              |
| Front derailleur clamp diameter: | 28.6mm (1-1/8") clamp diameter, top-pull style                                                                                                                                                                 |
| Bottom bracket shell:            | 73mm wide, threaded English 1.37" x 24t                                                                                                                                                                        |
| Chaining clearance:              | No frame limitations. Use whatever you want                                                                                                                                                                    |
| Tire clearance:                  | 26 x 2.5" with fenders                                                                                                                                                                                         |
| Fork:                            | TIG-welded 4130 CroMoly, tapered and butted straight blade with single fender eyelet on the dropout, 1-1/8" x 260mm threadless steerer, 51mm I.S. disc mount, removable cantilever pivots, line/housing guides |
| Weight:                          | Medium = 11.9 lb (5420g)                                                                                                                                                                                       |
| Color:                           | Black                                                                                                                                                                                                          |

# BILL & TED

## TRAILER SPECIFICATIONS

| Category                                     | Description                                                                                                                                                 |
|----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Tubing:</b>                               | Custom drawn 4130 CroMoly steel. TIG-welded                                                                                                                 |
| <b>Hitch-to-frame compatibility:</b>         | Surly trailers connect to your frame via Surly mounting hardware. The hitch is width adjustable to fit most frames from 120–145mm O.L.D. (rear hub) spacing |
| <b>Bicycle wheel compatibility:</b>          | 20" up to 29" and up to a 29 x 3.0" tire                                                                                                                    |
| <b>Platform dimensions:</b>                  | Bill (long bed) = 63 x 24" (1608 x 610mm), Ted (short bed) = 32 x 24" (813 x 610mm)                                                                         |
| <b>Braze Ons:</b>                            | 5 x 1mm threaded barrels for securing a platform; corner stake eyelets                                                                                      |
| <b>Maximum tongue load:</b>                  | 50 lb (22.7kg)                                                                                                                                              |
| <b>Maximum total load:</b>                   | 300 lb (136kg)                                                                                                                                              |
| <b>Trailer tire clearance:</b>               | Our trailers come with 16 x 1.95" tires. There is clearance for 16 x 2.5" tires                                                                             |
| <b>Weight (includes hitch &amp; wheels):</b> | Bill (long bed) = 37 lb (16.8kg), Ted (short bed) = 30 lb (13.6kg)                                                                                          |
| <b>Color:</b>                                | Silver with black hitch                                                                                                                                     |