

2007 Frame Geometry



Conquest Series

Frame Size (C-T)	44cm	48cm	52cm	54cm	56cm	58cm	60cm	39cm CC
A Head Angle	71°	71°	71°	72°	72°	73°	73°	71°
B Seat Angle	75°	74°	74°	73°	73°	72°	72°	76°
C Top Tube	51	52.1	53	54.7	56.5	58.5	60.5	45
D Chain Stay	43.5	43.5	43.5	43.5	43.5	43.5	43.5	39.5
E BB Height	28.5	28.5	28.5	28.5	28.5	28.5	28.5	27
F Fork Offset	4.5	4.5	4.5	4.5	4.5	4.5	4.5	3.5
G Wheel Base	100.4	100.5	101.3	101.4	103.1	103.2	105.2	92.2
Stand Over	73.6	75.5	77.3	79.1	80.8	82.5	84.4	66.7

All measurements C-to-C

Conquest 24"

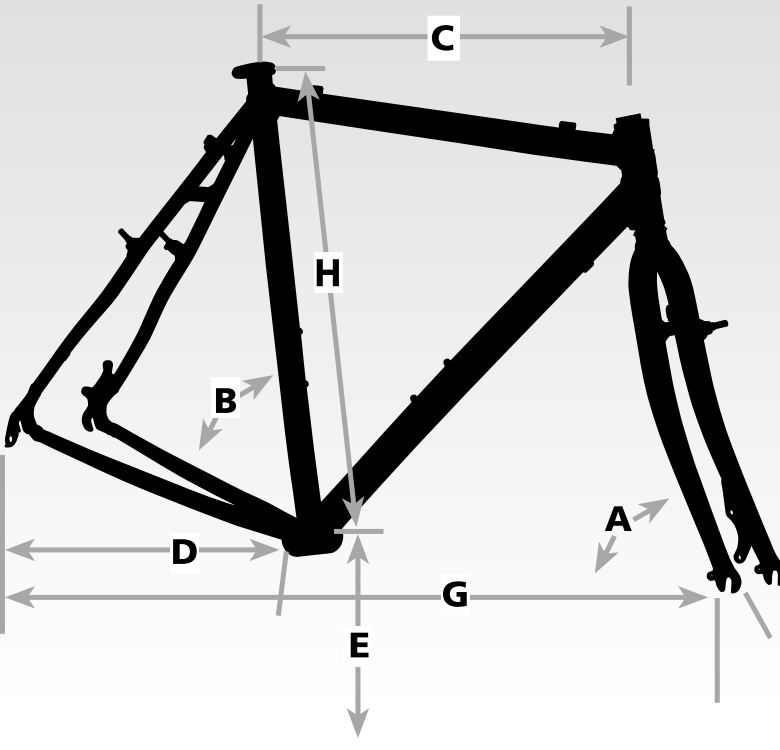
Frame Size	XS	S	M	M/L	L	XL	52cm	54cm	56cm	58cm	60cm
A Head Angle	71°	72°	73°	73°	73.5°	73.5°	71°	72°	72°	73°	73°
B Seat Angle	75°	74°	73.5°	73°	73°	73°	74°	74°	73°	72°	72°
C Top Tube	51.3	53.2	55.4	57	58.5	61	53.6	55	56.4	58.1	59.4
D Chain Stay	41.5	41.5	41.5	41.5	41.5	41.5	42.5	42.5	42.5	42.5	42.5
E BB Height*	27	27	27	27	27	27	26.9	26.9	26.9	26.9	26.9
F Fork Offset	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
G Wheel Base	98.5	98.5	99.4	100.5	101.5	103.9	100.8	101.3	101.7	101.2	102.5
H S/T Length (C-T)	43	46.5	50	53.5	55.5	58.5	48	50	52	54	56
Stand Over*	72.5	74.4	76.7	79.1	80.8	83.3	75.3	76.8	78.6	80.3	82.4

* Based on 700x23c Tire. All measurements C-to-C

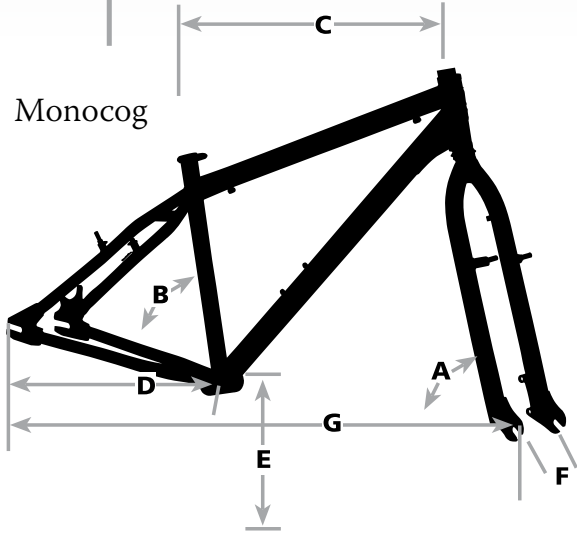
*120mm rear hub spacing

	Monocog Flight				Monocog Flight 29er				Monocog				Monocog 29er			
Frame Size (C-T)	15"	17"	19"	21"	15"	17"	19"	21"	15"	17"	19"	21"	15"	17"	19"	21"
A Head Angle	71°	71°	71°	71°	71°	71°	71°	71°	72°	72°	72°	72°	71°	72°	72°	72°
B Seat Angle	73°	73°	73°	73°	74°	73°	73°	73°	73°	723°	73°	73°	74°	73°	73°	73°
C Top Tube	22.4"	22.9"	23.75"	24.4"	22.6"	23.0"	23.7"	24.5"	22.5"	23.0"	23.75"	24.5"	23.1"	23.7"	24.5"	25.2"
D Chain Stay	16.5"	16.5"	16.5"	16.5"	17.5"	17.5"	17.5"	17.5"	16.5"	16.5"	16.5"	16.5"	17.5"	17.5"	17.5"	17.5"
E BB Height	11.8"	11.8"	11.8"	11.8"	12.0"	12.0"	12.0"	12.0"	11.8"	11.8"	11.8"	11.8"	12.0"	12.0"	12.0"	12.0"
F Fork Offset	1.5"	1.5"	1.5"	1.5"	1.85"	1.85"	1.85"	1.85"	1.2"	1.2"	1.2"	1.2"	1.5"	1.5"	1.5"	1.5"
G Wheel Base	40.9"	41.5"	42.3"	43.0"	42.5"	42.6"	43.2"	44.0"	40.3"	40.7"	41.5"	42.3"	42.9"	43.0"	43.4"	44.5"
Head Tube Height	3.8"	4.5"	5.25"	6.0"	3.6"	3.6"	3.9"	4.3"	3.8"	4.5"	5.3"	6.0"	3.6"	3.6"	3.9"	4.3"
Stand Over	28.4"	29.6"	31.0"	32.3"	29.8"	30.75"	31.8"	33.1"	28.4"	29.6"	31.0"	32.3"	29.8"	30.75"	31.8"	33.1"

All measurements C-to-C. • 135mm rear hub spacing. • 80mm travel suspension correct geometry



Monocog



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2007 Specs

CYCLOCROSS SERIES

Model Name

Conquest Pro

Conquest

Conquest 24"

FRAME

Double Butted U6 Aluminum,
C-T Sizing

FORK

Carbon Fiber, Aluminum Steerer

HEADSET

Aheadset SAS

CRANKSET

FSA Gossamer Mega-Exo Compact
Cross, 36T x 46T

BOTTOM BRACKET

FSA Mega-Exo

HANDLEBAR

Ritchey Biomax II Road

STEM

Ritchey Pro

SEAT POST

Ritchey Pro Road

TAPE

Velo Padded Cork

CASSETTE

SHIMANO®, 105, CS-5600, 10S, 12x27T

CHAIN

SHIMANO®, 105, CN-5600, 10S

SHIFTERS

SHIMANO®, Ultegra ST-6600, 10S

FRONT DERAILLEUR

SHIMANO®, 105, FD-5600

REAR DERAILLEUR

SHIMANO®, 105, RD-5600 SS, 10S

PEDALS

Nil

BRAKES

Cane Creek SCX-5 w/ Kool Stop
Pads

BRAKE LEVER

Cane Creek Cross Top Lever

WHEELSET

FSA RD-220 SS Double Butted
Spokes 24H F and 28H R

TIRES

WTB Cross Wolf Race 700 x 32C

SADDLE

WTB Shadow V Race

COLOR

Black

Double Butted 6061 Aluminium,
Disc Tabs, C-T Sizing

6061 Aluminum, Disc Tabs

Aheadset STS-2K

FSA Compact Cross, 36T x 46T

FSA Sealed JIS

Ritchey Biomax II Road

Ritchey Road Comp

Ritchey Road

Velo Padded Cork

SHIMANO®, CS-HG50, 9S, 12 x 25T

KMC Z9000 9S

SHIMANO®, Tiagra ST-4400, 9S

SHIMANO®, Tiagra FD-4400

SHIMANO®, 105 RD-5600 SS, 9S

SHIMANO®, PD-M505 Clipless

Tektro Oryx 992 Canti's

Tektro RX 2.0 w/Reach Adjust

Ritchey Road DS-700C Comp 700

DS 20H Front-Radial, 24H Rear 2X

Maxxis Locust CX 700 x 35C

Redline

Blue / White

Double Butted 6061 Aluminum

6061 Aluminum

Aheadset STS-2K

FSA Compact 34 x 46T 155mm
Length

FSA Sealed JIS

Ritchey Biomax II Road 38cm

Width

Redline Aluminum 70mm EXT

Ritchey Road

Velo Padded Cork

SHIMANO®, HG50, 8S, 13 x 26T

KMC Z72 8S

SHIMANO®, Sora ST-3300, 8S

w/Reach Adjust

SHIMANO®, Sora FD-3300

SHIMANO®, Sora RD-3300, 8S

Wellgo Alloy Cage

Tektro RX3 Mini-V

Linear Pull

Tektro RX 2.0 w/Reach Adjust

Redline Hubs 28H Stainless Spokes,

Alex DR13 24 x 1 3/8" Rims

Odyssey Overbite

24 x 1-3/8"

Redline

Blue

ROAD SERIES

Conquest Sport

R760

R750

Double Butted 6061 Aluminum
Tubing, C-T Sizing, Full Eyelets

6061 Aluminum, Eyelets

Aheadset STS-2K

FSA Triple 52/42/30T

FSA Sealed JIS

Redline 6061 Aluminum

Redline 2014 Aluminum

Redline Aluminum

Velo Padded Cork

SHIMANO®, CS-HG50, 8S, 12 x 25T

KMC Z72

SHIMANO®, Sora ST-3304, 8S

Triple

SHIMANO®, Sora FD-3304

SHIMANO®, Sora RD-3300, GS 8S

Wellgo Double Sided Clipless

Tektro Cantilever

SHIMANO®, Sora ST-3304

Redline/Alex: 36H, F/R Stainless

Spokes

Kenda Eurotrek 700 x 32C

Velo Plush

Rust

Double Butted 6061 Aluminum
W/carbon Seat Stays

Carbon Fork / Wide Tire Clearance

FSA Integrated

FSA Omega Mega-Exo Compact
50/34T

FSA Mega-Exo

Redline Ergo Drop, 2014

Aluminum 31.8mm

Redline Cold Forged 2014

Aluminum

Redline 3D Forged 6061 Aluminum

Velo Padded Cork

SHIMANO®, 105, CS-5600, 12-25T, 10S

SHIMANO®, 105, CN-5600, 10S

SHIMANO®, 105, ST-5600, 10S

SHIMANO®, 105, FD-5600

SHIMANO®, 105, RD-5600 SS 10S

Nil

Tektro R730, Long Reach

SHIMANO® 105, ST-5600

Xero CXR-6, 700c DS, 20H Front-

Radial 24H Rear-2x

Kenda Kontender, 700 x 23C

Redline

Daytona Orange

Double Butted 6061 Aluminum

Carbon Fork / Wide Tire Clearance

FSA Integrated

FSA Compact Triple 50/39/30T

FSA Alloy Cup

Redline Ergo Drop, 2014

Aluminum 31.8mm

Redline Cold Forged 2014

Aluminum

Redline 3D Forged 6061 Aluminum

Velo Padded Cork

SRAM PG950 11-26T 9S

KMC, Z9000 9S

SHIMANO®, Tiagra ST-4500, 9S

SHIMANO®, Sora FD-3304

SHIMANO®, Sora RD-3300 GS 9S

Nil

Tektro R730, Long Reach

SHIMANO®, Tiagra ST-4500

Alex AKX-R1.0

Kenda Kwest, 700 x 25c

Velo Plush

Blue Steel / Pearl Green

2007 Specs



ROAD SERIES continued...		MTB SERIES				FITNESS SERIES
Model Name	R740	Monocog Flight	Monocog Flight 29er	Monocog 29er	Monocog	R550
FRAME	Double Butted 6061 Aluminum	Japanese Sanko Double Butted Chromoly	Japanese Sanko Double Butted Chromoly	Chromoly MTB Frame, Disc Tabs, and Chain Tensioners	Chromoly MTB Frame, Disc Tabs, and Chain Tensioners	Double Butted 6061 Aluminum
FORK	Carbon Fork / Wide Tire Clearance	Sanko Taper Leg Chromoly	Sanko Taper Leg Chromoly	Chromoly, Disc Tabs	Chromoly, Disc Tabs	Carbon Fork / Wide Tire Clearance
HEADSET	FSA Integrated	FSA Sealed	FSA Sealed	VP Threadless 1-1/8"	VP Threadless 1-1/8"	FSA Integrated
CRANKSET	FSA Triple Forged Aluminum 52/42/30T	FSA Gamma Drive, Single 32T, ISIS	FSA Gamma Drive, Single 32T, ISIS	Forged Aluminum, 32T	Forged Aluminum, 32T	FSA Compact Triple 50/39/30T
BOTTOM BRACKET	VP Sealed	FSA ISIS	FSA ISIS	VP, Sealed, JIS	VP, Sealed, JIS	FSA Alloy Cup, JIS
HANDLEBAR	Redline Drop 6061 Aluminum, 26.0mm	Ritchey Riser Pro, 31.8mm	Ritchey Riser Pro, 31.8mm	Ritchey Riser, 31.8mm, Comp	Ritchey Riser, 31.8mm, Comp	Redline ATB Flat, 6061 Aluminum 31.8mm
STEM	Redline 6061 Aluminum	Ritchey Pro Mountain, 31.8mm	Ritchey Pro Mountain, 31.8mm	Redline Alloy MTB	Redline Alloy MTB	Redline Cold Forged 2014 Aluminum
SEAT POST	Redline Aluminum	Ritchey Pro MTB	Ritchey Pro MTB	Redline Alloy MTB	Redline Alloy MTB	Redline, 3D Forged 6061 Aluminum
TAPE	Velo Padded Cork	New Freaky-X Grips	New Freaky-X Grips	New Freaky-X Grips	New Freaky-X Grips	Velo Comfort
CASSETTE	SRAM PG850 12-26T 8S	Formula Single 16T Cog	Formula Single 20T Cog	Redline 20T	Redline 16T	SRAM PG950, 11-26T, 9S
CHAIN	KMC, Z30 8S	KMC Z30	KMC Z30	KMC Z30	KMC Z30	KMC Z9000, 9S
SHIFTERS	SHIMANO*, Sora ST-3304, 8S	N/A	N/A	N/A	N/A	SHIMANO*, SL-R440 Flat Bar 9s
FRONT DERAILLEUR	SHIMANO*, Sora RD-3300 GS 8S	N/A	N/A	N/A	N/A	SHIMANO*, FD-R443, 9S
REAR DERAILLEUR	SHIMANO*, FD-2203	N/A	N/A	N/A	N/A	SHIMANO*, Sora RD-3300 GS, 9S
PEDALS	Wellgo	Nil	Nil	VP Alloy Platform	VP Alloy Platform	Wellgo Road w/Half Clip
BRAKES	Tektro Long Reach Side Pull	Avid BB5 Disc Brakes	Avid BB5 Disc Brakes	Tektro Alloy V-Brake	Tektro Alloy V-Brake	Tektro R730 Long Reach
BRAKE LEVER	SHIMANO*, Sora ST-3304	Avid FR-5	Avid FR-5	Tektro Alloy Linear Pull	Tektro Alloy Linear Pull	Tektro
WHEELSET	Redline/Alex 32H F/R Stainless Spokes	Redline / WTB, 32H F/R, SB Hubs, Disc Brakes, Stainless Spokes, Laser Disc Rims	Redline / WTB, 32H F/R, SB Hubs, Disc Brakes, Stainless Spokes, Laser Disc Trail Rims	Redline/Alex, 32H F/R, SB Hubs, Rear Cassette, Disc, Stainless Spokes, DH-19 Rims	Redline/Alex, 32H F/R, SB Hubs, Rear Cassette, Disc, Stainless Spokes, DH-19 Rims	Alex AKX-R1.0
TIRES	Kenda Kwick, Roller 700 x 26c	Maxxis Ignitor, 26 x 2.1"	Maxxis Ignitor, 29 x 2.1"	WTB Exiwolf, 29 x 2.3"	WTB Exiwolf, 26 x 2.1"	Kenda Kwest, 700 x 25c
SADDLE	Velo Plush	WTB Rocket V Race	WTB Rocket V Race	Redline	Redline	Velo Plush
COLOR	Anodized Red / Pearl White	Green	Green	Satin Brown	Satin Brown	Silver Metallic / Pearl Black



2007 Specs

FITNESS SERIES continued...

Model Name	R540	R530	R520	R510	925
FRAME	Double Butted 6061 Aluminum	6061 Aluminum	6061 Aluminum	6061 Aluminum	Chromoly Double Butted Frame w/Fenders/Rack eyelets
FORK	6061 Aluminum	SR-Suntour 50mm	SR-Suntour 50mm	Redline 50mm	Chromoly Taper Leg
HEADSET	FSA Integrated	Tange Threaded	Tange Threaded	Tange Threaded	Aheadset STS
CRANKSET	FSA Triple Forged Aluminum 48/38/28T	Alloy 38T	SR-Suntour 28/38/48 T	SR-Suntour 28/38/48 T	Redline Alloy 110BCD 42T Chainring
BOTTOM BRACKET	VP Sealed	Cartridge	Cartridge	Tange Sealed	VP Sealed
HANDLEBAR	Redline Flat ATB Aluminum	Alloy 55mm Rise	Alloy 50mm Rise	Steel 50mm Rise	Redline Moustache Type
STEM	Redline Aluminum	Alloy Adjustable	Alloy Adjustable	Alloy Adjustable	Redline Cold Forged 6061
SEAT POST	Redline Aluminum	Alloy Comfort Suspension	Alloy Comfort Suspension	Alloy Comfort Suspension	Redline Cold Forged 6061
TAPE	Velo ATB Grip	N/A	N/A	N/A	Velo Padded Cork
CASSETTE	SRAM PG850 12-26T 8S	N/A	SHIMANO® 8 Speed 11-32T	SHIMANO® 14-34 7 Speed	ACS 16T Freewheel and 15T Fixed
CHAIN	KMC Z30, 8S	KMC Rustless	KMC Z-7	KMC Z-51	KMC Z30
SHIFTERS	SRAM Sx-5 Triggers 8S	SHIMANO® 7 Speed	SRAM MRX 8 Speed	SRAM MRX 7 Speed	N/A
FRONT DERAILLEUR	SHIMANO® FD-T301	N/A	SHIMANO®	SHIMANO®	N/A
REAR DERAILLEUR	SRAM Sx-5 Medium Cage, 8S	N/A	SHIMANO® Deore RD-M511	SHIMANO® Altus	N/A
PEDALS	Wellgo Road w/Half Clip	Alloy Platform	Alloy Platform	Nylon Platform	Wellgo Alloy Cage w/ Mid Toe Clip
BRAKES	Tektro Long Reach, Side Pull	SHIMANO® Nexus Roller	Tektro Linear	Promax / Linear	Tektro Long Reach Side Pull
BRAKE LEVER	Promax	Tektro	Tektro	Tektro	Tektro Aero Levers
WHEELSET	Redline/Alex 32H F/R Stainless Spokes	Alloy Double Wall	Alloy Quick Release Double Wall	Alloy Quick Release	Formula/Alex, 36H F/R, SB Hubs, FW /Fixed Rear, Stainless Steel Spokes
TIRES	Kenda Kwick Roller, 700 x 26c	Kenda 700 x 38 Slime Tubes-American Valve	Kenda 700 x 40 Slime Tubes-American Valve	Kenda 700 x 40 American Valve	IRC Tandem, 700 x 30C
SADDLE	Velo Plush	Comfort	Comfort	Comfort	Redline
COLOR	Metallic Wheat / Pearl Dark Blue	Graphite Blue	Anodized Red / Anodized White	Champagne / Chrome Blue	Grey

