



2007 SINGLE SPECIFICATIONS

AMERICANO/AMERICANO CO-PILOT

EachAmericano includes our custom fitting services. The chart below lists typical frame specifications throughout the size range.

FRAME SIZE	TOP TUBE LENGTH	HEAD ANGLE	SEAT ANGLE	CHAINSTAY LENGTH	BOTTOM BRACKET HEIGHT	SEATPOST DIAMETER	STANDOVER HEIGHT
46cm	51.0cm	72°	75°	45.0cm	27.0cm	29.8mm	28.4"
48cm	52.0cm	72°	74.5°	45.0cm	27.0cm	29.8mm	29.0"
50cm	52.5cm	72.5°	74.5°	45.0cm	27.0cm	29.8mm	29.6"
52cm	53.0cm	72.5°	74°	45.0cm	27.0cm	29.8mm	30.2"
54cm	53.5cm	72.5°	74°	45.0cm	27.0cm	29.8mm	30.8"
55cm	54.0cm	72.5°	74°	45.0cm	27.0cm	29.8mm	31.2"
56cm	54.5cm	72.5°	73.5°	45.0cm	27.0cm	29.8mm	31.5"
57cm	55.5cm	72.5°	73.5°	45.0cm	27.0cm	29.8mm	31.8"
58cm	56.5cm	72.5°	73°	45.0cm	27.0cm	29.8mm	32.1"
59cm	57.0cm	72.5°	73°	45.0cm	27.0cm	29.8mm	32.4"
60cm	58.0cm	72.5°	73°	45.0cm	27.0cm	29.8mm	32.8"
62cm	58.5cm	72.5°	72.5°	45.0cm	27.0cm	29.8mm	33.3"

Americano Frame Material: Exclusive custom-drawn heat-treated Co-Motion tandem tubing. Frame Weight: 4.0 pounds.Americano frame uses a 145mm rear axle.

Americano Co-Pilot Frame Material: Co-Motion designed double-butted heat-treated Cro-Moly tubing for S+S coupler integration. Co-Pilot option adds 8 ounces.

AMERICANO KIT

Fork	Co-Motion taper-gauge Cro-Moly, with Co-Motion CNC tandem steerer
Headset	Chris King Threadless
Bottom Bracket	FSA Platinum ISIS
Crankset	RaceFace Turbine LP 110/74 BCD
Chainrings	46-34-24
Brakes	Avid Single Digit 7
Brake Levers	Dia Compe 287-V
Front Derailleur	Shimano Deore XT M765 triple
Rear Derailleur	Shimano XTR 9sp
Cassette	XT 11-34 9sp
Shifters	Shimano DuraAce 9sp bar end
Chain	KMC X9
Hubs	DT Hugi symmetric 36h, 40h or 48h
Spokes	DT 14 gauge
Rims	Velocity Dyad
Tires	Continental Top Touring 700x37c
QR Skewers	Salsa
Handlebar	FSA RD-300 40, 42 or 44
Seatpost	Kalloy Seraph Microadjust 29.8mm
Saddle	Selle Italia Flite XP
Stem	FSA OS 150
Options	Shimano Ultegra STI dual control levers. Cane Creek Thudbuster ST suspension seatpost. Tubus Cargo rear rack. Tubus Tara front lowrider rack.

STREAKER AL/STREAKER FE/CO-PILOT

Each Streaker includes our custom fitting services. Below is an example of typical frame specifications for a 56cm frame.

FRAME SIZE	TOP TUBE LENGTH	HEAD ANGLE	SEAT ANGLE	CHAINSTAY LENGTH	BOTTOM BRACKET HEIGHT	SEATPOST DIAMETER	STANDOVER HEIGHT
56cm	55.5cm	73°	73°	41.2cm	26.5cm	27.2mm	30.9"

Streaker AL Frame Material: Columbus Starship double-butted aluminum tubing. Frame Weight: 2.6 lbs.

Streaker FE Frame Material: Reynolds 853 air-hardening tubing. Frame Weight: 3.7 lbs.

Streaker FE Co-Pilot Frame Material: Co-Motion-designed double-butted heat treated Cro-Moly tubing for S+S coupler integration. Co-Pilot option adds 8 oz.

STREAKER KIT

Fork	Alpha Q CS20 for long-reach caliper
Headset	Chris King Threadless
Bottom Bracket	FSA Gossamer Mega Exo
Crankset	FSA Gossamer Mega Exo
Chainrings	48T
Brakes	Ultegra long reach caliper
Brake Levers	Shimano SLR
Chain	KMC
Hubs	White Industries, 130 rear flip-flop, QR front 32h
Spokes	DT 14/15
Rims	Velocity Aerohead 32h
Tires	Continental GP4000 700x25c
QR Skewers	Salsa front QR/bolt-on rear axle
Handlebar	FSA RD-300 40, 42 or 44
Seatpost	Thomson 27.2mm
Saddle	Selle Italia Flite XP
Stem	FSA OS 150
Freewheel	Shimano 18T, also accepts a fixed gear

NOR'WESTER TOUR/CO-PILOT

Each Nor'Wester Tour includes our custom fitting services. The chart below lists typical frame specifications throughout the size range.

FRAME SIZE	TOP TUBE LENGTH	HEAD ANGLE	SEAT ANGLE	CHAINSTAY LENGTH	BOTTOM BRACKET HEIGHT	SEATPOST DIAMETER	STANDOVER HEIGHT
46cm	51.0cm	72°	75°	43.2cm	26.5cm	27.2mm	28.2"
48cm	52.0cm	72°	74.5°	43.2cm	26.5cm	27.2mm	28.8"
50cm	52.5cm	72.5°	74.5°	43.2cm	26.5cm	27.2mm	29.4"
52cm	53.0cm	72.5°	74°	43.2cm	26.5cm	27.2mm	30.0"
54cm	53.5cm	72.5°	74°	43.2cm	26.5cm	27.2mm	30.4"
55cm	54.0cm	72.5°	74°	43.2cm	26.5cm	27.2mm	30.8"
56cm	54.5cm	72.5°	73.5°	43.2cm	26.5cm	27.2mm	31.2"
57cm	55.5cm	72.5°	73.5°	43.2cm	26.5cm	27.2mm	31.5"
58cm	56.5cm	72.5°	73°	43.2cm	26.5cm	27.2mm	31.8"
59cm	57.0cm	72.5°	73°	43.2cm	26.5cm	27.2mm	32.1"
60cm	58.0cm	72.5°	73°	43.2cm	26.5cm	27.2mm	32.4"
62cm	58.5cm	72.5°	72.5°	43.2cm	26.5cm	27.2mm	32.8"

Nor'Wester Tour Frame Material: Reynolds 853 air-hardening tubing. Frame Weight: 3.85 lbs.

Nor'Wester Tour Co-Pilot Frame Material: Co-Motion designed double-butted heat-treated Cro-Moly tubing for S+S coupler integration. Co-Pilot option adds 8 ounces.

NOR'WESTER TOUR KIT

Fork	Co-Motion taper-gauge Cro-Moly, with Co-Motion CNC steerer
Headset	Chris King Threadless
Bottom Bracket	FSA Platinum ISIS
Crankset	RaceFace Turbine LP 110/74 BCD
Chainrings	46-34-24
Brakes	Shimano BR550 cantilever
Brake Levers	Dia Compe 287
Front Derailleur	Shimano Deore XT M765 triple
Rear Derailleur	Shimano XTR 9sp
Cassette	XT 11-34 9sp
Shifters	Shimano DuraAce 9sp bar end
Chain	KMC X9
Hubs	DT Swiss Onyx 36h
Spokes	DT 14 gauge
Rims	Velocity Dyad
Tires	Continental Top Touring 700x32c
QR Skewers	Salsa
Handlebar	FSA RD-300 40, 42 or 44
Seatpost	Thomson 27.2mm
Saddle	Selle Italia Flite XP
Stem	FSA OS 150
Options	Shimano Ultegra STI dual control levers. Shimano Ultegra long reach calipers. Cane Creek Thudbuster ST suspension seatpost. Tubus Cargo rear rack. Tubus Tara front lowrider rack.

NOR'WESTER/NOR'WESTER CO-PILOT

Each Nor'Wester includes our custom fitting services. Below is an example of typical frame specifications for a 56cm frame.

FRAME SIZE	TOP TUBE LENGTH	HEAD ANGLE	SEAT ANGLE	CHAINSTAY LENGTH	BOTTOM BRACKET HEIGHT	SEATPOST DIAMETER	STANDOVER HEIGHT
56cm	55cm	73°	73.5°	42cm	26.5cm	27.2mm	31.0"

Nor'Wester Frame Material: Reynolds 853 air-hardening tubing. Frame Weight: 3.8 lbs.

Nor'Wester Co-Pilot Frame Material: Co-Motion-designed double-butted heat treated Cro-Moly tubing for S+S coupler integration. Co-Pilot option adds 8 oz.

Nor'Wester Fork: Alpha Q CS20 Touring for long-reach caliper.

NOR'WESTER COMPONENT KITS

We offer component kits from Shimano, Campagnolo and SRAM with several wheel options. Check our website or contact us for pricing and details

Frame sizes are measured from center of bottom bracket to top of seat tube collar. All Co-Motion singles are built with oversized headtubes for 1-1/8" threadless steerers. **All frames handcrafted in Eugene, Oregon.**

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2007 SINGLE SPECIFICATIONS

ESPRESSO/ESPRESSO CO-PILOT

Each Espresso includes our custom fitting services. The chart below lists typical frame specifications throughout the size range.

FRAME SIZE	TOP TUBE LENGTH	HEAD ANGLE	SEAT ANGLE	CHAINSTAY LENGTH	BOTTOM BRACKET HEIGHT	SEATPOST DIAMETER	STANDOVER HEIGHT
48cm	52.5cm	72.5°	74.5°	41.0cm	26.5cm	27.2mm	28.5"
50cm	53.5cm	73°	74°	41.2cm	26.5cm	27.2mm	29.1"
52cm	54.0cm	73°	74°	41.2cm	26.5cm	27.2mm	29.6"
53cm	54.3cm	73°	74°	41.2cm	26.5cm	27.2mm	29.9"
54cm	54.5cm	73°	73.5°	41.2cm	26.5cm	27.2mm	30.2"
55cm	55.5cm	73.5°	73.5°	41.2cm	26.5cm	27.2mm	30.4"
56cm	56.5cm	73.5°	73°	41.2cm	26.5cm	27.2mm	30.7"
57cm	57.5cm	73.5°	73°	41.2cm	26.5cm	27.2mm	31.2"
58cm	58.0cm	74°	73°	41.2cm	26.7cm	27.2mm	31.6"
59cm	59.0cm	74°	73°	41.2cm	26.7cm	27.2mm	31.9"
60cm	59.5cm	74°	72.5°	41.6cm	26.7cm	27.2mm	32.3"
61cm	59.7cm	74°	72.5°	41.6cm	26.7cm	27.2mm	32.6"
62cm	60.0cm	74°	72.5°	41.6cm	27.0cm	27.2mm	33.1"
63cm	60.5cm	74°	72.5°	41.6cm	27.0cm	27.2mm	33.5"
64cm	61.0cm	74°	72.5°	41.6cm	27.0cm	27.2mm	33.9"

Espresso Frame Material: Reynolds 853 air-hardening tubing. Frame Weight: 3.6 pounds.
Espresso Co-Pilot Frame Material: Co-Motion designed double-butted heat-treated Cro-Moly tubing for S+S coupler integration. Co-Pilot option adds 8 ounces.
Espresso Fork: Alpha Q GS10

RISTRETTO

Each Ristretto includes our custom fitting services. The chart below lists typical frame specifications throughout the size range.

FRAME SIZE	TOP TUBE LENGTH	HEAD ANGLE	SEAT ANGLE	CHAINSTAY LENGTH	BOTTOM BRACKET HEIGHT	SEATPOST DIAMETER	STANDOVER HEIGHT
48cm	52.5cm	72.5°	74.5°	41.2cm	26.5cm	27.2mm	28.8"
50cm	53.5cm	73°	74°	41.4cm	26.5cm	27.2mm	29.3"
52cm	54.0cm	73°	74°	41.4cm	26.5cm	27.2mm	29.9"
53cm	54.3cm	73°	74°	41.4cm	26.5cm	27.2mm	30.2"
54cm	54.5cm	73°	73.5°	41.4cm	26.5cm	27.2mm	30.5"
55cm	55.5cm	73.5°	73.5°	41.4cm	26.5cm	27.2mm	30.7"
56cm	56.5cm	73.5°	73°	41.4cm	26.5cm	27.2mm	31.0"
57cm	57.5cm	73.5°	73°	41.4cm	26.5cm	27.2mm	31.4"
58cm	58.0cm	74°	73°	41.4cm	26.7cm	27.2mm	31.9"
59cm	59.0cm	74°	73°	41.4cm	26.7cm	27.2mm	32.2"
60cm	59.5cm	74°	72.5°	41.8cm	26.7cm	27.2mm	32.6"
61cm	59.7cm	74°	72.5°	41.8cm	26.7cm	27.2mm	32.9"
62cm	60.0cm	74°	72.5°	41.8cm	27.0cm	27.2mm	33.4"
63cm	60.5cm	74°	72.5°	41.8cm	27.0cm	27.2mm	33.8"
64cm	61.0cm	74°	72.5°	41.8cm	27.0cm	27.2mm	34.2"

Ristretto Frame Material: Easton Ultralight 7005 double-butted aluminum.
Frame Weight: 2.6 pounds.
Ristretto Fork: Alpha Q GS10

ESPRESSO/RISTRETTO COMPONENT KITS

We offer component kits from Shimano, Campagnolo and SRAM with several wheel options. Check our website or contact us for pricing and details.

CO-MOTION TT

FRAME SIZE	TOP TUBE LENGTH	HEAD ANGLE	SEAT ANGLE	CHAINSTAY LENGTH	BOTTOM BRACKET HEIGHT	SEATPOST DIAMETER	STANDOVER HEIGHT
53cm S	51.0cm	72.5°	75°	39-40.5cm	26.2cm	27.2mm	28.7"
56cm M	53.0cm	72.5°	75°	39-40.5cm	26.2cm	27.2mm	29.9"
59cm L	55.0cm	72.5°	75°	39-40.5cm	26.2cm	27.2mm	31.15"

TT Frame Material: Co-Motion ACMUltra7 Aero-profiled double-butted aluminum.
Fork: Alpha Q TS 20.

CO-MOTION TT COMPONENT KITS

We offer time trial component kits from Shimano and Campagnolo. Kit price quotations are based on WheelSmith-built kit wheels with Mavic Open Pro rims, or wheel systems from Rolf Prima and Velomax, Michelin Pro 2 Race tires, appropriate kit seatpost, Deda handlebar, Ritchey stem, Flite saddle. Many other options are available. Please call for pricing and details.

LUCIFER/DEMON/DEMON CO-PILOT

Each Lucifer and Demon includes our custom fitting services. Below is an example of typical frame specifications for a 56cm frame.

FRAME SIZE	TOP TUBE LENGTH	HEAD ANGLE	SEAT ANGLE	CHAINSTAY LENGTH	BOTTOM BRACKET HEIGHT	SEATPOST DIAMETER	STANDOVER HEIGHT
56cm	56.0cm	72.5°	73°	42cm	27.4cm	27.2mm	31.2"

Lucifer Frame Material: Columbus Starship double-butted aluminum Frame Weight: 2.6 lbs.
Demon Frame Material: Reynolds 853 air-hardening tubing. Frame Weight: 3.7 lbs.
Demon Co-Pilot Frame Material: Co-Motion designed double-butted heat treated Cro-Moly tubing for S+S coupler integration. Co-Pilot option adds 8 oz.

LUCIFER/DEMON KIT

Fork	Alpha Q CX20
Headset	Chris King
Bottom Bracket	FSA SL-K MegaExo
Crankset	FSA SL-K Compact MegaExo
Chainrings	50-36T
Brakes	Shimano Cantilever
Brake Levers	Shimano Ultegra or Dura Ace 10sp STI
Front Derailleur	Shimano Ultegra or Dura Ace 10sp
Rear Derailleur	Shimano Ultegra or Dura Ace 10sp
Cassette	12-27 Shimano Ultegra or Dura Ace 10sp
Shifters	Shimano Ultegra or Dura Ace 10sp STI
Chain	KMC X-10
Wheelset	Easton Circuit or upgrade options
Tires	Continental Twister Pro 700x32c
Handlebar	FSA RD-250
Seatpost	Thomson 27.2
Saddle	Selle Italia SLR
Stem	FSA OS 115

MAZAMA

Each Mazama includes our custom fitting services. Below is an example of typical frame specifications for a Medium frame.

FRAME SIZE	TOP TUBE LENGTH	HEAD ANGLE	SEAT ANGLE	CHAINSTAY LENGTH	BOTTOM BRACKET HEIGHT	SEATPOST DIAMETER	STANDOVER HEIGHT
MEDIUM	54cm	72°	73°	44.5cm	26.6cm	29.8mm	31.3"

Mazama Frame Material: Co-Motion designed double-butted heat-treated super-duty Cro-Moly tubing. S+S coupler integration adds approximately 10 ounces (big tubes, big couplers!).

MAZAMA KIT

Fork	Mazama Super duty disc fork
Headset	FSA Orbit Extreme
Bottom Bracket	FSA V-Drive MegaExo
Crankset	FSA V-Drive MegaExo 170 or 175mm
Chainrings	44-32-22T
Brakes	Avid Mechanical disc 203mm rotor
Brake Levers	Avid SDG-7
Front Derailleur	Shimano Ultegra triple
Rear Derailleur	Shimano XT
Cassette	IRD 11-34 10sp
Shifters	Shimano Ultegra triple 10sp
Chain	KMC X-10
Hubs	DT HugiSymmetric Tandem 36h or 40h
Spokes	DT Swiss 14 gauge
Rims	Velocity AeroHeat ATB black
Tires	Panaracer Hi-Road 26x1.5"
QR Skewers	Salsa
Handlebar	FSA RD-300 40, 42 or 44
Seatpost	Kalloy Seraph microadjust
Saddle	Co-Motion D2
Stem	FSA OS 150

Frame sizes are measured from center of bottom bracket to top of seat tube collar. All Co-Motion singles are built with oversized headtubes for 1-1/8" threadless steerers. **All frames handcrafted in Eugene, Oregon.**

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