



# 2005 SINGLE SPECIFICATIONS

## AMERICANO/AMERICANO CO-PILOT

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

<b>Fork</b>	Co-Motion taper-gauge Cro-Moly, with Co-Motion CNC tandem steerer
<b>Headset</b>	Chris King Threadless
<b>Bottom Bracket</b>	FSA Platinum ISIS
<b>Crankset</b>	RaceFace Turbine LP 110/74 BCD
<b>Chainrings</b>	46-34-24
<b>Brakes</b>	Avid Single Digit 7
<b>Brake Levers</b>	Dia Compe 287-V
<b>Front Derailleur</b>	Shimano Ultegra 6500 triple
<b>Rear Derailleur</b>	Shimano XTR 9sp
<b>Cassette</b>	XT 11-34 9sp
<b>Shifters</b>	Shimano DuraAce 9sp bar end
<b>Chain</b>	Shimano CN-HG93
<b>Pedals</b>	none
<b>Hubs</b>	DT Hugi symmetric 36h, 40h or 48h
<b>Spokes</b>	DT 14 gauge
<b>Rims</b>	Velocity Dyad
<b>Tires</b>	Continental Top Touring 700x37
<b>QR Skewers</b>	Salsa
<b>Handlebar</b>	Deda 250; 42, 44, or 46
<b>Seatpost</b>	Kalloy Seraph Microadjust 29.8mm
<b>Saddle</b>	Co-Motion D2 men's or women's
<b>Stem</b>	Ritchey Pro 8-12cm
<b>Options</b>	Shimano Ultegra STI dual control levers. RockShox suspension seatpost. Tubus Cargo rear rack. Tubus Tara front lowrider rack.

## STREAKER

FRAME SIZE	TOP TUBE LENGTH	HEAD ANGLE	SEAT ANGLE	CHAINSTAY LENGTH	BOTTOM BRACKET HEIGHT	SEATPOST DIAMETER	STANDOVER HEIGHT
50cm	52.5cm	72.5°	74.5°	41.2cm	26.5cm	27.2mm	28.9"
53cm	54.0cm	73°	74°	41.2cm	26.5cm	27.2mm	29.8"
56cm	55.5cm	73°	73°	41.2cm	26.5cm	27.2mm	30.9"
58cm	57.0cm	73°	73°	41.2cm	26.7cm	27.2mm	31.7"
60cm	58.5cm	73°	72.5°	41.4cm	26.7cm	27.2mm	32.4"

Streaker Frame Material: Easton Ultralite 7005 double-butted aluminum. Frame Weight: 2.6 pounds.

### STREAKER KIT

<b>Headset</b>	Chris King Threadless
<b>Bottom Bracket</b>	FSA Gossamer Mega Exo
<b>Crankset</b>	FSA Gossamer Mega Exo
<b>Chainrings</b>	48T
<b>Brakes</b>	Ultegra long reach caliper
<b>Brake Levers</b>	Shimano SLR
<b>Chain</b>	KMC
<b>Pedals</b>	none
<b>Hubs</b>	White Industries, 130 rear flip-flop, QR front 32h
<b>Spokes</b>	DT 14/15
<b>Rims</b>	Velocity Aerohead 32h
<b>Tires</b>	Michelin Pro race 700x25
<b>QR Skewers</b>	Salsa front QR/bolt-on rear axle
<b>Handlebar</b>	Deda 250; 42, 44, or 46cm
<b>Seatpost</b>	American Classic 27.2mm
<b>Saddle</b>	Selle Italia Flite Ti
<b>Stem</b>	Ritchey Pro 8-12cm
<b>Freewheel</b>	Shimano 18T, also accepts a fixed gear

## NOR'WESTER/NOR'WESTER CO-PILOT

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 Frame Material: Reynolds 853 air-hardening tubing. Frame Weight: 3.85 pounds.  
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 ounces.

### NOR'WESTER TOURING KIT

<b>Fork</b>	Co-Motion taper-gauge Cro-Moly, with Co-Motion CNC tandem steerer
<b>Headset</b>	Chris King Threadless
<b>Bottom Bracket</b>	FSA Platinum ISIS
<b>Crankset</b>	RaceFace Turbine LP 110/74 BCD
<b>Chainrings</b>	46-34-24
<b>Brakes</b>	Avid Shorty 6 Cantilever
<b>Brake Levers</b>	Dia Compe 287
<b>Front Derailleur</b>	Ultegra 6500 triple
<b>Rear Derailleur</b>	Shimano XTR 9sp
<b>Cassette</b>	XT 11-34 9sp
<b>Shifters</b>	Shimano DuraAce 9sp bar end
<b>Chain</b>	Shimano CN-HG93
<b>Pedals</b>	none
<b>Hubs</b>	DT Swiss Onyx 36h
<b>Spokes</b>	DT 14 gauge
<b>Rims</b>	Velocity Dyad
<b>Tires</b>	Continental Top Touring 700x32
<b>QR Skewers</b>	Salsa
<b>Handlebar</b>	Deda 250; 42, 44, or 46
<b>Seatpost</b>	American Classic 27.2mm
<b>Saddle</b>	Co-Motion D2 men's or women's
<b>Stem</b>	Ritchey Pro 8-12cm
<b>Options</b>	Shimano Ultegra STI dual control levers. Shimano Ultegra long reach calipers. RockShox suspension seatpost. Tubus Cargo rear rack. Tubus Tara front lowrider rack.

### NOR'WESTER ULTEGRA ROAD KIT

<b>Headset</b>	Chris King Threadless
<b>Bottom Bracket</b>	Shimano Ultegra 6600 integrated Hollotech II
<b>Crankset</b>	Shimano Ultegra double or Ultegra triple
<b>Chainrings</b>	53-39 double or 52/39-30 triple
<b>Brakes</b>	Shimano Ultegra calipers
<b>Brake Levers</b>	Shimano Ultegra 6600 STI 10sp double or triple
<b>Front Derailleur</b>	Shimano Ultegra 6600 10sp double or triple
<b>Rear Derailleur</b>	Shimano Ultegra 6600 10sp double or triple
<b>Cassette</b>	Shimano Ultegra 6600 10sp 12-23, 12-25 or 12-27
<b>Shifters</b>	Shimano Ultegra 6600 10sp STI double or triple
<b>Chain</b>	Shimano CN-6600 10sp
<b>Pedals</b>	none
<b>Wheelset</b>	Easton Circuit
<b>Tires</b>	Michelin Pro Race 700x23
<b>QR Skewers</b>	Easton
<b>Handlebar</b>	Deda 250; 42, 44, or 46
<b>Seatpost</b>	American Classic 27.2mm
<b>Saddle</b>	Selle Italia Flite Ti
<b>Stem</b>	Ritchey Pro 8-12cm

### NOR'WESTER COMPONENT KITS

We offer 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 Race tires, appropriate kit seatpost, Deda handlebar, Ritchey stem, Flite saddle. Many other options are available. Please call 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.



# 2005 SINGLE SPECIFICATIONS

## ESPRESSO/ESPRESSO CO-PILOT

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.

## RISTRETTO

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.

### ESPRESSO ULTEGRA ROAD KIT

Fork	Choose from WoundUp or Reynolds Ouzo Pro carbon
Headset	Chris King Threadless
Bottom Bracket	Shimano Ultegra 6600 integrated Hollotech II
Crankset	Shimano Ultegra double or Ultegra triple
Chainrings	53-39 double or 52/39-30 triple
Brakes	Shimano Ultegra calipers
Brake Levers	Shimano Ultegra 6600 10sp STI double or triple
Front Derailleur	Shimano Ultegra 6600 10sp double or triple
Rear Derailleur	Shimano Ultegra 6600 10sp double or triple
Cassette	Shimano Ultegra 6600 10sp 12-23, 12-25 or 12-27
Shifters	Shimano Ultegra 6600 10sp STI double or triple
Chain	Shimano CN-6600 10sp
Pedals	none
Wheelset	Easton Circuit
Tires	Michelin Pro Race 700x23
QR Skewers	Easton
Handlebar	Deda 250; 42, 44, or 46
Seatpost	American Classic 27.2mm
Saddle	Selle Italia Flite Ti
Stem	Ritchey Pro 8-12cm

### RISTRETTO ULTEGRA ROAD KIT

Fork	Choose from WoundUp or Reynolds Ouzo Pro carbon
Headset	Chris King Threadless
Bottom Bracket	Shimano Ultegra 6600 integrated Hollotech II
Crankset	Shimano Ultegra double or Ultegra triple
Chainrings	53-39 double or 52/39-30 triple
Brakes	Shimano Ultegra calipers
Brake Levers	Shimano Ultegra 6600 STI 10sp double or triple
Front Derailleur	Shimano Ultegra 6600 10sp double or triple
Rear Derailleur	Shimano Ultegra 6600 10sp double or triple
Cassette	Shimano Ultegra 6600 10sp 12-23, 12-25 or 12-27
Shifters	Shimano Ultegra 6600 STI 10sp double or triple
Chain	Shimano CN-6600 10sp
Pedals	none
Wheelset	Easton Circuit
Tires	Michelin Pro Race 700x23
QR Skewers	Easton
Handlebar	Deda 250; 42, 44, or 46
Seatpost	American Classic 27.2mm
Saddle	Selle Italia Flite Ti
Stem	Ritchey Pro 8-12cm

### ESPRESSO COMPONENT KITS

We offer 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 Race tires, appropriate kit seatpost, Deda handlebar, Ritchey stem, Flite saddle. Many other options are available. Please call for pricing and details.

### RISTRETTO COMPONENT KITS

We offer 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 Race tires, appropriate kit seatpost, Deda handlebar, Ritchey stem, Flite saddle. Many other options are available. Please call 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: Aero-profiled butted 7005 Aluminum, Reynolds carbon seatstay. Reynolds Ouzo Pro Aero fork. Frame weight: 2.6 pounds.

### 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 Race tires, appropriate kit seatpost, Deda handlebar, Ritchey stem, Flite saddle. Many other options are available. Please call 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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