



2007 TANDEM SPECIFICATIONS

PRIMERA/PRIMERA CO-PILOT

FRAME SIZE	HEAD ANGLE	SEAT ANGLE FRONT	SEAT ANGLE REAR	TOP TUBE FRONT	TOP TUBE REAR	BOTTOM BRACKET HEIGHT	STANDOVER FRONT	STANDOVER REAR
21/18	73°	73°	73°	21.75"	28.50"	10.5"	30.25"	27.35"
22/19	73°	73°	73°	22.5"	28.50"	10.5"	30.85"	28.35"
23/20	73°	73°	73°	23.25"	28.50"	10.5"	31.75"	29.25"
23/18	73°	73°	73°	23.25"	28.50"	10.5"	31.10"	27.10"

Primera Frame Material: Co-Motion designed zonally-buttet heat-treated tandem tubing.

Primera Co-Pilot Frame Material: Co-Motion designed zonally-buttet heat-treated tandem tubing for S+S coupler integration.

COMPONENT SPECIFICATIONS

Fork	Co-Motion taper-gauge Cro-Moly w/Co-Motion CNC tandem steerer	Tires	Continental Super Sport 700x28c
Headset	FSA Orbit Extreme	QR Skewers	Co-Motion
Bottom Brackets	TruVativ Elita GigaXPipe	Handlebars	FSA RD300 40, 42, 44 or Co-Motion Stoker
Crankset	TruVativ Elita	Captain Stem	FSA OS-150 9-13cm
Chainrings	52-39-30	Stoker Stem	Co-Motion telescoping adjustable
Brakes	Avid Single Digit 5	Seatposts	Kalloy Seraph Microadjust 29.8mm
Brake Levers	Shimano 105 STI	Saddles	Co-Motion D2 men's and women's
Front Derailleur	Shimano 105 triple	Paint	Select from Bright Silver or Cranberry Red Metallic or upgrade to any other Co-Motion color.
Rear Derailleur	Shimano XT 9sp	Total Bike Weight	37.1 pounds. Co-Pilot option adds approximately 2 pounds.
Cassette	LX 11-32 9sp	Optional Equipment:	Co-Motion max-adjustable stoker stem. Co-Motion/WoundUp carbon tandem fork. Chris King headset. Cane Creek Thudbuster ST suspension seatpost. Bar-end shifters and 287-V brake levers in lieu of STI. Avid mechanical front and/or rear disc brake(s).
Shifters	Shimano 105 STI	Primera Co-Pilot Travel Features:	Cable splitters for rear brake and shifter cables, S+S spanner, instructional booklet and CD.
Chain	KMC X-9		
Hubs	Co-Motion A-10 Tandem Disc		
Spokes	DT 14 gauge		
Rims	Velocity Dyad		

MOCHA/MOCHA CO-PILOT

FRAME SIZE	HEAD ANGLE	SEAT ANGLE FRONT	SEAT ANGLE REAR	TOP TUBE FRONT	TOP TUBE REAR	BOTTOM BRACKET HEIGHT	STANDOVER FRONT	STANDOVER REAR
18/15	71.5°	73°	73°	21.25"	28.50"	10.5"	27.15"	23.9"
19.5/17	71.5°	73°	73°	21.8"	28.50"	10.5"	28.65"	26.0"
21/18.5	71.5°	73°	73°	22.5"	28.50"	10.5"	30.10"	27.9"

Mocha Road Frame Material: Co-Motion designed zonally-buttet air-hardening steel tandem tubing.

Mocha Road Co-Pilot Frame Material: Co-Motion designed zonally-buttet heat-treated tandem tubing for S+S coupler integration.

COMPONENT SPECIFICATIONS

Fork	Co-Motion taper-gauge Cro-Moly w/Co-Motion CNC tandem steerer	QR Skewers	Co-Motion
Headset	FSA Orbit Extreme	Handlebars	FSA RD300 or Co-Motion Stoker
Bottom Brackets	FSA Gossamer Mega Exo	Captain Stem	FSA OS-150 9-13cm
Crankset	FSA Gossamer Mega Exo	Stoker Stem	Co-Motion telescoping adjustable
Chainrings	54-42-30	Seatposts	Kalloy Seraph Microadjust 29.8mm
Brakes	Avid Single Digit 7	Saddles	Selle Royal Dardo men's and women's
Brake Levers	Shimano Ultegra 10sp triple STI	Paint	Select from 30 PPG Global system metallic and opaque colors or upgrade to 15 House of Kolor pearlescent colors.
Front Derailleur	Shimano Ultegra 10sp triple	Total Bike Weight	36.2 pounds. Co-Pilot option adds approximately 2 pounds.
Rear Derailleur	Shimano XTR 10sp	Optional Equipment:	Co-Motion max-adjustable stoker stem. Chris King headset. Cane Creek Thudbuster ST suspension seatpost. Bar-end shifters and 287-V brake levers in lieu of STI. Avid mechanical front and/or rear disc brake(s).
Cassette	IRD 11-34 10sp	Upright Handlebar Kit:	FSA XC280 and Co-Motion Stoker handlebars, Avid Speed Dial 7 brake levers, Shimano Rapidfire shifters.
Shifters	Shimano Ultegra STI triple	Mocha Road Co-Pilot Travel Features:	Cable splitters for rear brake and shifter cables, S+S spanner, instructional booklet and CD.
Chain	KMC X-10		
Hubs	Co-Motion A-10 Tandem Disc		
Spokes	DT 14 gauge		
Rims	Velocity AeroHeat		
Tires	Schwalbe Marathon Racer 26x1.5"		

SPEEDSTER/SPEEDSTER CO-PILOT

FRAME SIZE	HEAD ANGLE	SEAT ANGLE FRONT	SEAT ANGLE REAR	TOP TUBE FRONT	TOP TUBE REAR	BOTTOM BRACKET HEIGHT	STANDOVER FRONT	STANDOVER REAR
21/18	73°	73°	73°	21.75"	28.50"	10.5"	30.25"	27.35"
22/19	73°	73°	73°	22.5"	28.50"	10.5"	30.85"	28.35"
23/20	73°	73°	73°	23.25"	28.50"	10.5"	31.75"	29.25"
23/18	73°	73°	73°	23.25"	28.50"	10.5"	31.10"	27.10"

Speedster Frame Material: Co-Motion designed zonally-buttet air-hardening steel tandem tubing.

Speedster Co-Pilot Frame Material: Co-Motion designed zonally-buttet heat-treated tandem tubing for S+S coupler integration.

COMPONENT SPECIFICATIONS

Fork	Co-Motion taper-gauge Cro-Moly w/Co-Motion CNC tandem steerer	QR Skewers	Salsa
Headset	FSA Orbit Extreme	Handlebars	FSA RD-300 40, 42, 44 or Co-Motion Stoker
Bottom Brackets	FSA Gossamer Mega Exo	Captain Stem	FSA OS-150 9-13cm
Crankset	FSA Gossamer Mega Exo	Stoker Stem	Co-Motion telescoping adjustable
Chainrings	54-42-30	Seatposts	Kalloy Seraph Microadjust 29.8mm
Brakes	Avid Single Digit 7	Saddles	Selle Royal Dardo men's and women's
Brake Levers	Shimano Ultegra 10sp triple STI	Paint	Select from 30 PPG Global system metallic and opaque colors or upgrade to 15 House of Kolor pearlescent colors.
Front Derailleur	Shimano Ultegra 10sp triple	Total Bike Weight	35.5 pounds. Co-Pilot option adds approximately 2 pounds.
Rear Derailleur	Shimano XTR 10sp M971	Optional Equipment:	Co-Motion max-adjustable stoker stem. Co-Motion/WoundUp carbon tandem fork. Chris King headset. Cane Creek Thudbuster ST suspension seatpost. Arai drum brake with QR kit. FSA SL-K Carbon Mega Exo tandem crankset. Bar-end shifters and 287-V brake levers in lieu of STI. Avid mechanical front and/or rear disc brake(s). Touring package.
Cassette	IRD 11-34 10sp	Speedster Co-Pilot Travel Features:	Cable splitters for rear brake and shifter cables, S+S spanner, instructional booklet and CD.
Shifters	Shimano Ultegra triple 10sp STI		
Chain	KMC X-10		
Hubs	DT Hugi Symmetric 36h, 40h or 48h		
Spokes	DT 14 gauge		
Rims	Velocity Dyad		
Tires	Continental Ultra Gatorskin 700x28c		

Frame sizes are measured from center of bottom bracket to top of seat tube collar. Standover heights are measured directly vertical from bottom bracket. Top tube lengths are measured on effective horizontal. Rear axle length is 145mm on all tandem models. **All frames handcrafted in Eugene, Oregon.**



2007 TANDEM

ROADSTER

FRAME SIZE	HEAD ANGLE	SEAT ANGLE FRONT	SEAT ANGLE REAR	TOP TUBE FRONT	TOP TUBE REAR	BOTTOM BRACKET HEIGHT	STANDOVER FRONT	STANDOVER REAR
21/18	73°	73°	73°	21.75"	28.50"	10.5"	30.25"	27.35"
22/19	73°	73°	73°	22.5"	28.50"	10.5"	30.85"	28.35"
23/20	73°	73°	73°	23.25"	28.50"	10.5"	31.75"	29.25"
23/18	73°	73°	73°	23.25"	28.50"	10.5"	31.10"	27.10"

Roadster Frame Material: Co-Motion designed ACMUltra 7 Aluminum.

COMPONENT SPECIFICATIONS

Fork	Co-Motion taper-gauge Cro-Moly w/Co-Motion CNC tandem steerer	Tires	Continental Ultra Gatorskin 700x28c
Headset	FSA Orbit Extreme	QR Skewers	Salsa
Bottom Brackets	FSA Gossamer Mega Exo	Handlebars	FSA RD-300 40, 42, 44 or Co-Motion Stoker
Crankset	FSA Gossamer Mega Exo	Captain Stem	FSA OS-150 9-13cm
Chainrings	54-42-30	Stoker Stem	Co-Motion telescoping adjustable
Brakes	Avid Single Digit 7	Seatposts	Kalloy Seraph Microadjust 29.8mm
Brake Levers	Shimano Ultegra triple 10sp STI	Saddles	Selle Royal Dardo men's and women's
Front Derailleur	Shimano Ultegra 10sp triple	Paint	Select from 30 PPG Global system metallic and opaque colors or upgrade to 15 House of Kolor pearlescent colors.
Rear Derailleur	Shimano XTR 10sp M971	Total Bike Weight	33.7 pounds
Cassette	IRD 11-34 10sp	Optional Equipment: Co-Motion max-adjustable stoker stem, Co-Motion/WoundUp carbon tandem fork, Chris King headset, Cane Creek Thudbuster ST suspension seatpost, Arai drum brake with QR kit, FSA SL-K Carbon Mega Exo tandem crankset, Bar-end shifters and 287-V brake levers in lieu of STI. Avid mechanical front and/or rear disc brake(s). Touring package.	
Shifters	Shimano Ultegra triple 10sp STI		
Chain	KMC X-10		
Hubs	DT Hugi Symmetric 36h, 40h or 48h		
Spokes	DT 14 gauge		
Rims	Velocity Dyad		

PERISCOPE HAMMERHEAD

FRAME SIZE	HEAD ANGLE	SEAT ANGLE FRONT	SEAT ANGLE REAR	TOP TUBE FRONT	TOP TUBE REAR	BOTTOM BRACKET HEIGHT	STANDOVER FRONT	STANDOVER REAR
SMALL	73°	73°	73°	21.75"	28.5"	10.62"	28.75"	21.8"
LARGE	73°	73°	73°	22.5"	28.5"	10.62"	28.75"	21.8"

PeriScope Hammerhead Frame Material: Co-Motion designed ACMUltra 7 Aluminum.

COMPONENT SPECIFICATIONS

Fork	Alpha Q X-2	Rims	Velocity Dyad
Headset	FSA Orbit Extreme	Tires	Continental Ultra Gatorskin 700x28c
Bottom Brackets	FSA Gossamer MegaExo	QR Skewers	Salsa
Crankset	FSA Gossamer MegaExo	Handlebars	FSA RD300 40, 42, 44 or Co-Motion Stoker
Chainrings	53-42-30	Captain Stem	FSA OS 150 9-13cm
Brakes	Avid BB-7 203mm Mechanical disc rear, Shimano Ultegra caliper front	Stoker Stem	Co-Motion telescoping adjustable
Brake Levers	Shimano Ultegra triple 10sp STI	Seatposts	Telescoping system w/QR collars, Kalloy Seraph 29.8mm top post
Front Derailleur	Shimano Ultegra 10sp triple	Saddles	Selle Royal Dardo men's and women's
Rear Derailleur	Shimano XTR 10sp M971	Paint	Select from 30 PPG Global System metallic or opaque colors, or upgrade to 15 House of Kolor pearlescent colors
Cassette	IRD 11-34 10sp	Total Bike Weight	32.4 pounds.
Shifters	Shimano Ultegra triple 10sp STI	Optional Equipment: Chris King headset, Max adjust stoker stem, max-adjust capt. stem, Cane Creek Thudbuster ST suspension seatpost, FSA SL-K Carbon Mega Exo crankset.	
Chain	KMC X-10		
Hubs	DT Hugi Symmetric 36h, 40h or 48h		
Spokes	DT 14 gauge		

PERISCOPE SCOUT 26/700

PERISCOPE SCOUT 26		HEAD ANGLE	SEAT ANGLE FRONT	SEAT ANGLE REAR	TOP TUBE FRONT	TOP TUBE REAR	BOTTOM BRACKET HEIGHT	STANDOVER FRONT	STANDOVER REAR
SMALL	71.5°	73°	73°	20.5"	27.5"	10.62"	26.7"	19.8"	
LARGE	71.5°	73°	73°	22.5"	27.5"	10.62"	26.7"	19.8"	

PeriScope Scout 26 Frame Material: Co-Motion designed zonally-buttet tandem tubing.

PERISCOPE SCOUT 700

FRAME SIZE	HEAD ANGLE	SEAT ANGLE FRONT	SEAT ANGLE REAR	TOP TUBE FRONT	TOP TUBE REAR	BOTTOM BRACKET HEIGHT	STANDOVER FRONT	STANDOVER REAR
SMALL	73°	73°	73°	21.75"	28.5"	10.62"	28.75"	21.8"
LARGE	73°	73°	73°	22.5"	28.5"	10.62"	28.75"	21.8"

PeriScope Scout 700 Frame Material: Co-Motion designed zonally-buttet tandem tubing.

COMPONENT SPECIFICATIONS

Fork	Co-Motion Oversized taper-gauge Cro-Moly, With Co-Motion CNC steerer	Tires	Schwalbe Marathon Racer 26x1.5" or Continental Super Sport 700x28c
Headset	FSA Orbit Extreme	QR Skewers	Co-Motion
Bottom Brackets	TruVativ Elita GigaXPipe	Handlebars	FSA XC 280 and Co-Motion Stoker
Crankset	TruVativ Elita	Captain Stem	FSA OS 150 9-13cm
Chainrings	52-39-30	Stoker Stem	Co-Motion telescoping adjustable
Brakes	Avid Single Digit 5 front, Avid BB-5 203mm Mechanical disc rear	Seatposts	Telescoping system w/QR collars, Kalloy Seraph 29.8mm top post
Brake Levers	Avid SD-7	Saddles	Co-Motion D2 men's and women's
Front Derailleur	Shimano 105 triple	Paint	Select from Champagne or Memphis Blue or upgrade to any other Co-Motion color.
Rear Derailleur	SRAM, X7	Total Bike Weight	37.5 pounds.
Cassette	Shimano LX- 11-32 9sp	Optional Equipment: Chris King headset, Avid Mechanical front disc brake, Max adjust stoker stem, max-adjust capt. stem.	
Shifters	SRAM S7 9-speed gripshift	Drop-bar Kit: FSA RD 300 handlebar, Shimano 105 STI dual control levers, Avid BB-7 disc rear brake.	
Chain	KMC X-9		
Hubs	Co-Motion A-10 disc		
Spokes	DT 14 gauge		
Rims	Velocity AeroHeat (26) or Dyad (700)		

Frame sizes are measured from center of bottom bracket to top of seat tube collar. Standover heights are measured directly vertical from bottom bracket. Top tube lengths are measured on effective horizontal. Rear axle length is 145mm on all tandem models. **All frames handcrafted in Eugene, Oregon.**

SPECIFICATIONS

PERISCOPE TRIDENT

FRAME SIZE	HEAD ANGLE	SEAT ANGLE FRONT	SEAT ANGLE REAR	TOP TUBE FRONT	TOP TUBE REAR	BOTTOM BRACKET HEIGHT	STANDOVER FRONT	STANDOVER MID	STANDOVER REAR
SMALL	71.5°	73°	73°	20.5"	27.5"	10.62"	28.6"	24.4"	20.2"
LARGE	71.5°	73°	73°	22.5"	27.5"	10.62"	28.6"	24.4"	20.2"

PeriScope Trident Frame Material: Co-Motion designed zonally-buttet tandem tubing.

COMPONENT SPECIFICATIONS

Fork	Co-Motion oversized taper-gauge Cro-Moly, with Co-Motion CNC steerer	Tires	Schwalbe Marathon Racer 26x1.5"
Headset	FSA Orbit Extreme	QR Skewers	Co-Motion
Bottom Brackets	FSA Gossamer MegaExo	Handlebars	FSA RD-300 40, 42, 44 or Co-Motion Stoker
Crankset	FSA Gossamer MegaExo	Captain Stem	FSA OS150 9-13cm
Chainrings	53-42-30	Stoker Stem	Co-Motion telescoping adjustable
Brakes	Avid BB-7 203mm mechanical disc front and rear	Seatposts	Telescoping system w/QR collars, Kalloy Seraph 29.8mm top post
Brake Levers	Shimano 105 STI	Saddles	Selle Royal Dardo men's and women's
Front Derailleur	Shimano 105 triple	Paint	Select from Soft Yellow or Tropical Green Metallic or upgrade to any other Co-Motion color.
Rear Derailleur	Shimano XT 9sp	Total Bike Weight	48.0 pounds
Cassette	LX 11-32 9sp	Optional Equipment:	Chris King headset, Cane Creek Thudbuster ST suspension seatpost, Arai drum brake with QR kit, Bar-end shifters and 287-V levers in lieu of STI, Avid mechanical front and/or rear disc brake(s), Max-Adjust front stem, Max-Adjust stoker stem, Touring package.
Shifters	Shimano 105 STI	Upright Handlebar Kit:	FSA XC280 and Profile Stoker handlebars, Avid Speed Dial 7 brake levers, Shimano Rapidfire shifters.
Chain	KMC X-9		
Hubs	DT Hugi Symmetric 36h or 40h		
Spokes	DT 14 gauge		
Rims	Velocity AeroHeat		

PERISCOPE TRIDENT CONVERTIBLE

FRAME SIZE	HEAD ANGLE	SEAT ANGLE FRONT	SEAT ANGLE REAR	TOP TUBE FRONT	TOP TUBE REAR	BOTTOM BRACKET HEIGHT	STANDOVER FRONT	STANDOVER MID	STANDOVER REAR
SMALL	71.5°	73°	73°	20.5"	27.5"	10.62"	22.25"	19.5"	19.5"
LARGE	71.5°	73°	73°	22.5"	27.5"	10.62"	22.25"	19.5"	19.5"

PeriScope Trident Convertible Frame Material: Co-Motion designed zonally-buttet tandem tubing.

COMPONENT SPECIFICATIONS

Fork	Co-Motion oversized taper-gauge Cro-Moly, with Co-Motion CNC steerer	Tires	Schwalbe Marathon Racer 26x1.5"
Headset	FSA Orbit Extreme	QR Skewers	Co-Motion
Bottom Brackets	FSA Gossamer MegaExo	Handlebars	FSA RD-300 40, 42, 44 or Co-Motion Stoker
Crankset	FSA Gossamer MegaExo	Captain Stem	FSA OS150 9-13cm
Chainrings	53-42-30	Stoker Stem	Co-Motion telescoping adjustable
Brakes	Avid BB-7 203mm mechanical disc front and rear	Seatposts	Telescoping system w/QR collars, Kalloy Seraph 29.8mm top post
Brake Levers	Shimano 105 STI	Saddles	Selle Royal Dardo men's and women's
Front Derailleur	Shimano 105 triple	Paint	Select from Soft Yellow or Tropical Green Metallic or upgrade to any other Co-Motion color.
Rear Derailleur	Shimano XT 9sp	Total Bike Weight	49.9 pounds
Cassette	LX 11-32 9sp	Optional Equipment:	Chris King headset, Cane Creek Thudbuster ST suspension seatpost, Arai drum brake with QR kit, Bar-end shifters and 287-V levers in lieu of STI, Avid mechanical front and/or rear disc brake(s), Max-Adjust front stem, Max-Adjust stoker stem, Touring package.
Shifters	Shimano 105 STI	Upright Handlebar Kit:	FSA XC280 and Profile Stoker handlebars, Avid Speed Dial 7 brake levers, Shimano Rapidfire shifters.
Chain	KMC X-9		
Hubs	DT Hugi Symmetric 36h or 40h		
Spokes	DT 14 gauge		
Rims	Velocity AeroHeat		

PERISCOPE TORPEDO 26/700/CO-PILOT

PERISCOPE TORPEDO 26

FRAME SIZE	HEAD ANGLE	SEAT ANGLE FRONT	SEAT ANGLE REAR	TOP TUBE FRONT	TOP TUBE REAR	BOTTOM BRACKET HEIGHT	STANDOVER FRONT	STANDOVER REAR
SMALL	71.5°	73°	73°	20.5"	27.5"	10.62"	26.7"	19.8"
LARGE	71.5°	73°	73°	22.5"	27.5"	10.62"	26.7"	19.8"

PeriScope Torpedo 26 Frame Material: Co-Motion designed zonally-buttet tandem tubing.

PeriScope Torpedo 26 Co-Pilot Frame Material: Co-Motion designed zonally-buttet tandem tubing for S+S coupler integration.

PERISCOPE TORPEDO 700

FRAME SIZE	HEAD ANGLE	SEAT ANGLE FRONT	SEAT ANGLE REAR	TOP TUBE FRONT	TOP TUBE REAR	BOTTOM BRACKET HEIGHT	STANDOVER FRONT	STANDOVER REAR
SMALL	73°	73°	73°	21.75"	28.5"	10.62"	28.75"	21.8"
LARGE	73°	73°	73°	22.5"	28.5"	10.62"	28.75"	21.8"

PeriScope Torpedo 700 Frame Material: Co-Motion designed zonally-buttet tandem tubing.

PeriScope Torpedo 700 Co-Pilot Frame Material: Co-Motion designed zonally-buttet tandem tubing for S+S coupler integration.

COMPONENT SPECIFICATIONS

Fork	Co-Motion oversized taper-gauge Cro-Moly, with Co-Motion CNC steerer	Rims	Velocity AeroHeat (26) or Dyad (700)
Headset	FSA Orbit Extreme	Tires	Schwalbe Marathon Racer 26x1.5" or Continental Ultra Gatorskin 700x28
Bottom Brackets	FSA Gossamer MegaExo	QR Skewers	Salsa
Crankset	FSA Gossamer MegaExo	Handlebars	FSA RD300 40, 42, 44 or Co-Motion Stoker
Chainrings	53-42-30	Captain Stem	FSA OS 150 9-13cm
Brakes	Avid BB-7 203mm Mechanical disc front and rear	Stoker Stem	Co-Motion telescoping adjustable
Brake Levers	Shimano Ultegra triple 10sp STI	Seatposts	Telescoping system w/QR collars, Kalloy Seraph 29.8mm top post
Front Derailleur	Shimano Ultegra 10sp triple	Saddles	Selle Royal Dardo men's and women's
Rear Derailleur	Shimano XTR 10sp M971	Paint	Select from 30 PPG Global System metallic or opaque colors, or upgrade to 15 House of Kolor pearlescent colors.
Cassette	IRD 11-34 10sp	Total Bike Weight	37.5 pounds. Co-Pilot option adds approximately 1.5 pounds. (PeriScope requires only 4 couplers)
Shifters	Shimano Ultegra triple 10sp STI	Optional Equipment:	Chris King headset, Max adjust stoker stem, max-adjust capt. stem, Cane Creek Thudbuster ST suspension seatpost, FSA SL-K Carbon Mega Exo crankset, touring package.
Chain	KMC X-10		
Hubs	DT Hugi Symmetric 36h, 40h or 48h		
Spokes	DT 14 gauge		

Frame sizes are measured from center of bottom bracket to top of seat tube collar. Standover heights are measured directly vertical from bottom bracket. Top tube lengths are measured on effective horizontal. Rear axle length is 145mm on all tandem models. **All frames handcrafted in Eugene, Oregon.**



2007 TANDEM SPECIFICATIONS

SUPREMO/SUPREMO CO-PILOT

FRAME SIZE	HEAD ANGLE	SEAT ANGLE FRONT	SEAT ANGLE REAR	TOP TUBE FRONT	TOP TUBE REAR	BOTTOM BRACKET HEIGHT	STANDOVER FRONT	STANDOVER REAR
21/18	73°	73°	73°	21.75"	28.50"	10.5"	30.25"	27.35"
22/19	73°	73°	73°	22.5"	28.50"	10.5"	30.85"	28.35"
23/20	73°	73°	73°	23.25"	28.50"	10.5"	31.75"	29.25"
23/18	73°	73°	73°	23.25"	28.50"	10.5"	31.10"	27.10"

Supremo Frame Material: Co-Motion designed zonally-butted air-hardening steel tandem tubing.

Supremo Co-Pilot Frame Material: Co-Motion designed zonally-butted heat-treated tandem tubing for S+S coupler integration.

COMPONENT SPECIFICATIONS

Fork	Alpha Q X-2	Handlebars	FSA RD-250 40, 42, 44 or Co-Motion Stoker
Headset	Chris King threadless	Captain Stem	FSA OS-115 9-13cm
Bottom Brackets	FSA SL-K Mega Exo	Stoker Stem	FSA OS 115 or Co-Motion telescoping adjustable
Crankset	FSA SL-K Carbon Mega Exo	Seatposts	Alpha Q Carbon 28.6mm
Chainrings	54-42-30	Saddles	Selle Italia Flite XP
Brakes	Shimano Dura Ace 7800 caliper	Paint	Select from 30 PPG Global system metallic and opaque colors or upgrade to 15 House of Kolor pearlescent colors.
Brake Levers	Shimano Dura Ace STI Flite Deck	Total Bike Weight	30.0 pounds. Co-Pilot option adds approximately 2 pounds.
Front Derailleur	Shimano Dura Ace triple 10sp	Optional Equipment:	Co-Motion max-adjustable stoker stem, Cane Creek Thudbuster ST suspension seatpost, Campagnolo Record 10sp package, Avid mechanical rear 203mm disc brake.
Rear Derailleur	Shimano Dura Ace triple 10sp	Supremo Co-Pilot Travel Features:	Cable splitters for rear brake and shifter cables, S+S spanner, instructional booklet and CD.
Cassette	6600 12-27 10sp	Campagnolo Record 10sp Package:	Campagnolo Record 10sp front and rear derailleurs, Record Ergopower shift/brake levers, Record brake calipers, Record 10sp chain, Centaur 12-25 cassette, Rolf Prima tandem wheelset with Campagnolo cassette body.
Shifters	Shimano Dura Ace STI Flite Deck		
Chain	KMC X-10		
Wheelset	Rolf Prima Vigor Tandem		
Tires	Michelin Pro 2 Race 700x25c		
QR Skewers	Rolf Prima		

ROBUSTA

FRAME SIZE	HEAD ANGLE	SEAT ANGLE FRONT	SEAT ANGLE REAR	TOP TUBE FRONT	TOP TUBE REAR	BOTTOM BRACKET HEIGHT	STANDOVER FRONT	STANDOVER REAR
21/18	73°	73°	73°	21.75"	28.50"	10.5"	30.25"	27.35"
22/19	73°	73°	73°	22.5"	28.50"	10.5"	30.85"	28.35"
23/20	73°	73°	73°	23.25"	28.50"	10.5"	31.75"	29.25"
23/18	73°	73°	73°	23.25"	28.50"	10.5"	31.10"	27.10"

Robusta Frame Material: Co-Motion designed ACMUltr 7 Aluminum.

COMPONENT SPECIFICATIONS

Fork	Alpha Q X-2	QR Skewers	Rolf Prima
Headset	Chris King threadless	Handlebars	FSA RD-250 40, 42, 44 or Co-Motion Stoker
Bottom Brackets	FSA SL-K Mega Exo	Captain Stem	FSA OS-115 9-13cm
Crankset	FSA SL-K Carbon Mega Exo	Stoker Stem	FSA OS 115 or Co-Motion telescoping adjustable
Chainrings	54-42-30	Seatposts	Alpha Q Carbon 28.6mm
Brakes	Shimano Dura Ace 7800 caliper	Saddles	Selle Italia Flite XP
Brake Levers	Shimano Dura Ace STI Flite Deck	Paint	Select from 30 PPG Global system metallic and opaque colors or upgrade to 15 House of Kolor pearlescent colors.
Front Derailleur	Shimano Dura Ace triple 10sp	Total Bike Weight	27.4 pounds
Rear Derailleur	Shimano Dura Ace triple 10sp	Optional Equipment:	Campagnolo Record 10sp package, Co-Motion max-adjustable stoker stem, Cane Creek Thudbuster ST Suspension seatpost, Avid BB-7 203mm rear disc brake.
Cassette	6600 12-27 10sp	Campagnolo Record 10sp Package:	Campagnolo Record 10sp front and rear derailleurs, Record Ergopower shift/brake levers, Record brake calipers, Record 10sp chain, Centaur 12-25 cassette, Rolf Prima Tandem wheelset with Campagnolo cassette body.
Shifters	Shimano Dura Ace STI Flite Deck		
Chain	KMC X-10		
Wheelset	Rolf Prima Vigor Tandem		
Tires	Michelin Pro 2 Race 700x25c		

MACCHIATO

Each Macchiato is custom designed and built to your specifications for a perfect fit.

Macchiato Frame Material: Co-Motion designed ACMUltr 7 Aluminum.

COMPONENT SPECIFICATIONS

Fork	Alpha Q X-2	QR Skewers	Rolf Prima
Headset	Chris King	Handlebars	FSA RD-250 40, 42, 44 or Co-Motion Stoker
Bottom Brackets	FSA SL-K Mega Exo	Captain Stem	FSA OS 115
Crankset	FSA SL-K Mega Exo	Stoker Stem	FSA OS 115 or Co-Motion telescoping adjustable
Chainrings	53-42-30	Seatposts	Alpha Q Carbon 28.6mm
Brakes	Shimano Dura Ace 10sp	Saddles	Selle Italia Flite & Flite XP
Brake Levers	Shimano Dura Ace triple 10sp	Paint	Select from 30 PPG Global system metallic and opaque colors or upgrade to 15 House of Kolor pearlescent colors.
Front Derailleur	Shimano Dura Ace triple 10sp	Total Bike Weight	25.0 pounds with standard kit. With options as little as 24 pounds.
Rear Derailleur	Shimano Dura Ace triple 10sp	Optional Equipment:	Campagnolo Record 10sp package, Co-Motion max-adjustable stoker stem, Cane Creek Thudbuster ST Suspension seatpost, Avid BB-7 rear 203mm disc brake.
Cassette	Shimano 6600 12-27	Campagnolo Record 10sp Package:	Campagnolo Record 10sp front and rear derailleurs, Record Ergopower shift/brake levers, Record brake calipers, Record 10sp chain, Centaur 12-25 cassette, Rolf Prima Tandem wheelset with Campagnolo cassette body.
Shifters	Shimano Dura Ace triple 10sp STI		
Chain	KMC X-10		
Wheelset	Rolf Prima Tandem		
Tires	Michelin Pro 2 Race 700x25c		

Frame sizes are measured from center of bottom bracket to top of seat tube collar. Standover heights are measured directly vertical from bottom bracket. Top tube lengths are measured on effective horizontal. Rear axle length is 145mm on all tandem models. All frames handcrafted in Eugene, Oregon.



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