



# 2005 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	Panaracer Pasele 700x28c
Headset	RaceFace Deus	QR Skewers	Salsa
Bottom Brackets	FSA Platinum ISIS	Handlebars	Deda Piegia 42, 44, 46 or Profile Stoker
Crankset	FSA tandem forged	Captain Stem	Ritchey Pro 8-12cm
Chainrings	53-42-30	Stoker Stem	Co-Motion telescoping adjustable
Brakes	Avid Single Digit 5	Seatposts	Kalloy Seraph Microadjust 29.8mm
Brake Levers	Shimano 105 STI Flite Deck	Saddles	Co-Motion D2 men's and women's
Front Derailleur	Shimano 105 triple	Paint	Choose from Bright Silver metallic or Cranberry Red metallic.
Rear Derailleur	Shimano XT 9sp		You may select from our other color options for a modest upcharge.
Cassette	LX 11-32 9sp	Total Bike Weight	37.1 pounds. Co-Pilot option adds approximately 2 pounds.
Shifters	Shimano 105 STI Flite Deck	Optional Equipment:	Co-Motion max-adjustable stoker stem. Co-Motion/WoundUp carbon tandem fork. Chris King headset. RockShox 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 disk brake. Touring package.
Chain	Shimano CN-HG93	Primera Co-Pilot Travel Features:	Cable splitters for rear brake and shifter cables, S+S spanner, instructional booklet and CD.
Pedals	none		
Hubs	Hugi Symmetric 36h, 40h or 48h		
Spokes	DT 14 gauge		
Rims	Velocity Dyad		

## MOCHA/MOCHA CO-PILOT (ROAD OR OFFROAD)

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 Cro-Moly ATB tandem	QR Skewers	Salsa
Headset	RaceFace Deus	Handlebars	Deda Piegia 42, 44, 46 or Profile Stoker
Bottom Brackets	FSA Gossamer Mega Exo	Captain Stem	Ritchey Pro 8-12cm
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	Co-Motion D2 men's and women's
Brake Levers	Shimano Dura Ace STI triple	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 STI triple	Total Bike Weight	36.2 pounds. Co-Pilot option adds approximately 2 pounds.
Rear Derailleur	Shimano XTR 9sp	Optional Equipment:	Co-Motion max-adjustable stoker stem. Chris King headset. RockShox suspension seatpost. Arai drum brake with QR kit. Bar-end shifters and 287-V brake levers in lieu of STI. Avid mechanical disk brake. Touring package
Cassette	XT 11-34 9sp	Offroad Kit:	Raceface ATB capt. and Profile Stoker handlebars, Avid Speed Dial 7 brake levers, Shimano Rapidfire shifters, Ritchey Excavator 26x2.1
Shifters	Shimano Dura Ace STI triple	Mocha Road Co-Pilot Travel Features:	Cable splitters for rear brake and shifter cables, S+S spanner, instructional booklet and CD.
Chain	Shimano CN-HG93		
Pedals	none		
Hubs	DT Hugi Symmetric 36h or 40h		
Spokes	DT 14 gauge		
Rims	Velocity Deep V ATB black		
Tires	Panaracer Hi-Road 26x1.5"		

## CAPPUCCINO/CAPPUCCINO 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"	30.3"
22/19	73°	73°	73°	22.5"	28.50"	10.5"	30.85"	31.0"
23/20	73°	73°	73°	23.25"	28.50"	10.5"	31.75"	31.5"
23/18	73°	73°	73°	23.25"	28.50"	10.5"	31.10"	30.3"

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

Cappuccino 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 Ultra Gatorskin 700x28c
Headset	RaceFace Deus	QR Skewers	Salsa
Bottom Brackets	FSA Gossamer Mega Exo	Handlebars	Deda Piegia 42, 44, 46 or Profile Stoker
Crankset	FSA Gossamer Mega Exo	Captain Stem	Ritchey Pro 8-12cm
Chainrings	54-42-30	Stoker Stem	Co-Motion telescoping adjustable
Brakes	Avid Single Digit 7	Seatposts	Kalloy Seraph Microadjust 29.8mm, stoker Softride beam
Brake Levers	Shimano Dura Ace STI triple	Saddles	Co-Motion D2 men's and women's
Front Derailleur	Shimano Dura Ace 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 9sp	Total Bike Weight	37.2 pounds. Co-Pilot option adds approximately 2 pounds.
Cassette	XT 11-34 9sp	Optional Equipment:	Co-Motion max-adjustable stoker stem. Co-Motion/WoundUp carbon tandem fork. Chris King headset. 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 disk brake. Touring package.
Shifters	Shimano Dura Ace STI triple	Cappuccino Co-Pilot Travel Features:	Cable splitters for rear brake and shifter cables, S+S spanner, instructional booklet and CD.
Chain	Shimano CN-HG93		
Pedals	none		
Hubs	DT Hugi Symmetric 36h, 40h or 48h		
Spokes	DT 14 gauge		
Rims	Velocity Dyad		

Frame sizes are measured from center of bottom bracket to top of seat tube collar. Standover heights are measured at mid top tube.

Top tube lengths are measured on effective horizontal. Rear axle length is 145mm on all tandem models. Seatpost diameter is 29.8mm on all tandem models.



# 2005 TANDEM

## 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	Tires	Continental Ultra Gatorskin 700x28c
Headset	RaceFace Deus	QR Skewers	Salsa
Bottom Brackets	FSA Gossamer Mega Exo	Handlebars	Deda Piega 42, 44, 46 or Profile Stoker
Crankset	FSA Gossamer Mega Exo	Captain Stem	Ritchey Pro 8-12cm
Chainrings	54-42-30	Stoker Stem	Co-Motion telescoping adjustable
Brakes	Avid Single Digit 7	Seatposts	Kalloy Seraph Microadjust 29.8mm
Brake Levers	Shimano Dura Ace STI triple	Saddles	Co-Motion D2 men's and women's
Front Derailleur	Shimano Dura Ace 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 9sp	Total Bike Weight	35.5 pounds. Co-Pilot option adds approximately 2 pounds.
Cassette	XT 11-34 9sp	Optional Equipment:	Co-Motion max-adjustable stoker stem. Co-Motion/WoundUp carbon tandem fork. Chris King headset. RockShox 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 disk brake. Touring package.
Shifters	Shimano Dura Ace STI triple	Speedster Co-Pilot Travel Features:	Cable splitters for rear brake and shifter cables, S+S spanner, instructional booklet and CD.
Chain	Shimano CN-HG93		
Pedals	none		
Hubs	DT Hugi Symmetric 36h, 40h or 48h		
Spokes	DT 14 gauge		
Rims	Velocity Dyad		

## 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 Select Easton 7005 Aluminum zonally-buttet tandem tubing.

### COMPONENT SPECIFICATIONS

Fork	Co-Motion taper-gauge Cro-Moly w/Co-Motion CNC tandem steerer	Rims	Velocity Dyad
Headset	RaceFace Deus	Tires	Continental Ultra Gatorskin 700x28c
Bottom Brackets	FSA Gossamer Mega Exo	QR Skewers	Salsa
Crankset	FSA Gossamer Mega Exo	Handlebars	Deda Piega 42, 44, 46 or Profile Stoker
Chainrings	54-42-30	Captain Stem	Ritchey Pro 8-12cm
Brakes	Avid Single Digit 7	Stoker Stem	Co-Motion telescoping adjustable
Brake Levers	Shimano Dura Ace STI triple	Seatposts	Kalloy Seraph Microadjust 29.8mm
Front Derailleur	Shimano Dura Ace Triple	Saddles	Co-Motion D2 men's and women's
Rear Derailleur	Shimano XTR 9sp	Paint	Select from 30 PPG Global system metallic and opaque colors or upgrade to 15 House of Kolor pearlescent colors.
Cassette	XT 11-34 9sp	Total Bike Weight	33.7 pounds
Shifters	Shimano Dura Ace STI triple	Optional Equipment:	Co-Motion max-adjustable stoker stem. Co-Motion/WoundUp carbon tandem fork. Chris King headset. RockShox suspension seatpost. Arai drum brake with QR kit. Bar-end shifters and 287-V brake levers in lieu of STI. Avid mechanical disk brake. Touring package.
Chain	Shimano CN-HG93		
Pedals	none		
Hubs	DT Hugi Symmetric 36h, 40h or 48h		
Spokes	DT 14 gauge		

## PERISCOPE 26/PERISCOPE 26 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
SMALL	71.5°	73°	73°	20.5"	27.5"	10.625"	26.7"	19.8"
LARGE	71.5°	73°	73°	22.5"	27.5"	10.625"	26.7"	19.8"

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

PeriScope 26 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	Tires	Panaracer Hi-Road 26x1.5"
Headset	RaceFace Deus	QR Skewers	Salsa
Bottom Brackets	FSA Platinum ISIS	Handlebars	Deda Piega 42, 44, 46 or Profile Stoker
Crankset	FSA tandem forged	Captain Stem	Ritchey Pro 8-12cm
Chainrings	53-42-30	Stoker Stem	Co-Motion telescoping adjustable
Brakes	Avid Single Digit 5	Seatposts	Telescoping system w/QR collars, Kalloy Seraph 29.8mm top post
Brake Levers	Shimano 105 STI Flite Deck	Saddles	Co-Motion D2 men's and women's
Front Derailleur	Shimano 105 triple	Paint	Choose from Ferrari Red or Memphis Blue. You may select from our other color options for a modest upcharge.
Rear Derailleur	Shimano XT 9sp	Total Bike Weight	37.5 pounds. Co-Pilot option adds approximately 1.5 pounds. (PeriScope requires only 4 couplers)
Cassette	LX 11-32 9sp	PeriScope 26 Optional Equipment:	Chris King headset. RockShox suspension seatpost. Arai drum brake with QR kit. FSA SL-K Carbon Mega Exo tandem crankset. Bar-end shifters and 287-V levers in lieu of STI. Avid mechanical disk brake. Max-adjust front or stoker stems. Touring package.
Shifters	Shimano 105 STI Flite Deck	PeriScope 26 Co-Pilot Travel Features:	Cable splitters for rear brake and shifter cables, S+S spanner, instructional booklet and CD.
Chain	Shimano CN-HG93		
Pedals	none		
Hubs	Hugi Symmetric 36h or 40h		
Spokes	DT 14 gauge		
Rims	Velocity Deep V ATB black		

Frame sizes are measured from center of bottom bracket to top of seat tube collar. Standover heights are measured at mid top tube.

Top tube lengths are measured on effective horizontal. Rear axle length is 145mm on all tandem models. Seatpost diameter is 29.8mm on all tandem models.

# SPECIFICATIONS

## PERISCOPE 700/PERISCOPE 700 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
<b>SMALL</b>	73°	73°	73°	21.75"	28.5"	10.62"	28.75"	21.8"
<b>LARGE</b>	73°	73°	73°	22.5"	28.5"	10.62"	28.75"	21.8"

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

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

### COMPONENT SPECIFICATIONS

Fork	Co-Motion oversized taper-guage Cro-Moly, with Co-Motion CNC steerer	QR Skewers	Salsa
Headset	RaceFace Deus	Handlebars	Deda Piegia 42, 44, 46 or Profile Stoker
Bottom Brackets	FSA Platinum ISIS	Captain Stem	Ritchey Pro 8-12cm
Crankset	FSA tandem forged	Stoker Stem	Co-Motion telescoping adjustable
Chainrings	53-42-30	Seatposts	Telescoping system rear w/QR collars, non-telescoping front, Kalloy Seraph 29.8mm top post
Brakes	Avid Single Digit front, Avid mechanical disk rear	Saddles	Co-Motion D2 men's and women's
Brake Levers	Shimano 105 STI Flite Deck	Paint	Choose from Ferrari Red or Memphis Blue. You may select from our other color options for a modest upcharge.
Front Derailleur	Shimano 105 triple	Total Bike Weight	37.5 pounds. Co-Pilot option adds approximately 1.5 pounds. (PeriScope requires only 4 couplers)
Rear Derailleur	Shimano XT 9sp	PeriScope 700 Optional Equipment:	Chris King headset. RockShox suspension seatpost. FSA SL-K Carbon Mega Exo tandem crankset. Bar-end shifters and 287-V levers in lieu of STI. Rolf Tandem wheelset. Co-Motion/WoundUp carbon tandem fork. Max-adjust front or stoker stems. Touring package.
Cassette	LX 11-32 9sp	PeriScope 700 Co-Pilot Travel Features:	Cable splitters for rear brake and shifter cables, S+S spanner, instructional booklet and CD.
Shifters	Shimano 105 STI Flite Deck		
Chain	Shimano CN-HG93		
Pedals	none		
Hubs	Hugi Symmetric 36 or 40, or 48h		
Spokes	DT 14 gauge		
Rims	Velocity Dyad black		
Tires	Panaracer Pasela 700x28		

## 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
<b>SMALL</b>	71.5°	73°	73°	20.5"	27.5"	10.62"	26.7"	24.4"	20.2"
<b>LARGE</b>	71.5°	73°	73°	22.5"	27.5"	10.62"	26.7"	24.4"	20.2"

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

Fork	Co-Motion oversized taper-guage Cro-Moly, with Co-Motion CNC steerer	Rims	Velocity Deep V ATB black
Headset	RaceFace Deus	Tires	Panaracer Hi-Road 26x1.5"
Bottom Brackets	FSA Platinum ISIS	QR Skewers	Salsa
Crankset	FSA tandem forged	Handlebars	Deda Piegia 42, 44, 46 or Profile Stoker
Chainrings	53-42-30	Captain Stem	Ritchey Pro 8-12cm
Brakes	Avid Single Digit 5	Stoker Stem	Co-Motion telescoping adjustable
Brake Levers	Shimano 105 STI Flite Deck	Seatposts	Telescoping system mid and rear w/QR collars, non-telescoping front, Kalloy Seraph 29.8mm top post
Front Derailleur	Shimano 105 triple	Saddles	Co-Motion D2 men's and women's
Rear Derailleur	Shimano XT 9sp	Paint	Choose from Soft Yellow or Tropical Green metallic. You may select from our other color options for a modest upcharge.
Cassette	LX 11-32 9sp	Total Bike Weight	48.5 pounds
Shifters	Shimano 105 STI Flite Deck	PeriScopeTrident Optional Equipment:	Chris King headset. RockShox suspension seatpost. Arai drum brake with QR kit. Bar-end shifters and 287-V levers in lieu of STI. Avid mechanical disk brake. Max-adjust front or stoker stems. Touring package.
Chain	Shimano CN-HG93		
Pedals	none		
Hubs	Hugi Symmetric 36h or 40h		
Spokes	DT 14 gauge		

## 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
<b>SMALL</b>	71.5°	73°	73°	20.5"	27.5"	10.62"	22.25"	19.5"	19.5"
<b>LARGE</b>	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.

Fork	Co-Motion oversized taper-guage Cro-Moly, with Co-Motion CNC steerer	Tires	Panaracer Hi-Road 26x1.5"
Headset	RaceFace Deus	QR Skewers	Salsa
Bottom Brackets	FSA Platinum ISIS	Handlebars	Deda Piegia 42, 44, 46 or Profile Stoker
Crankset	FSA tandem forged	Captain Stem	Ritchey Pro 8-12cm
Chainrings	53-42-30	Stoker Stem	Co-Motion telescoping adjustable
Brakes	Avid Single Digit 5	Seatposts	Telescoping system mid and rear w/QR collars, non-telescoping front, Kalloy Seraph 29.8mm top post
Brake Levers	Shimano 105 STI Flite Deck	Saddles	Co-Motion D2 men's and women's
Front Derailleur	Shimano 105 triple	Paint	Choose from Soft Yellow or Tropical Green metallic. You may select from our other color options for a modest upcharge.
Rear Derailleur	Shimano XT 9sp	Total Bike Weight	50.25 pounds
Cassette	LX 11-32 9sp	PeriScopeTrident Convertible Optional Equipment:	Chris King headset. RockShox suspension seatpost. Arai drum brake with QR kit. Bar-end shifters and 287-V levers in lieu of STI. Avid mechanical disk brake. Max-adjust front or stoker stems. Touring package.
Shifters	Shimano 105 STI Flite Deck	PeriScope Trident Convertible Special Equipment:	S+S spanner, cable splitters for conversion, instructional booklet and CD.
Chain	Shimano CN-HG93		
Pedals	none		
Hubs	Hugi Symmetric 36h or 40h		
Spokes	DT 14 gauge		
Rims	Velocity Deep V ATB black		

Frame sizes are measured from center of bottom bracket to top of seat tube collar. Standover heights are measured at mid top tube.

Top tube lengths are measured on effective horizontal. Rear axle length is 145mm on all tandem models. Seatpost diameter is 29.8mm on all tandem models.



# 2005 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	Co-Motion WoundUp carbon tandem	Handlebars	Deda 250 42, 44, 46 or Profile Stoker
Headset	Chris King threadless	Captain Stem	Ritchey WCS 8-13cm
Bottom Brackets	FSA SL-K Mega Exo	Stoker Stem	Co-Motion telescoping adjustable
Crankset	FSA SL-K Carbon Mega Exo	Seatposts	WoundUp Carbon 29.8mm
Chainrings	54-42-30	Saddles	Selle Italia Flite Ti and TransAm XP
Brakes	Shimano Dura Ace	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	31.1 pounds. Co-Pilot option adds approximately 2 pounds.
Front Derailleur	Shimano Dura Ace triple	Optional Equipment:	Co-Motion max-adjustable stoker stem. RockShox suspension seatpost.
Rear Derailleur	Shimano Dura Ace triple 9sp	Avid mechanical disk brake.	Campagnolo Record 10sp package.
Cassette	6500 12-27 9sp	Supremo Co-Pilot Travel Features:	Cable splitters for rear brake and shifter cables, S+S spanner, instructional booklet and CD.
Shifters	Shimano Dura Ace STI Flite Deck	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.
Chain	Shimano CN-HG93		
Pedals	none		
Wheelset	Rolf Prima Vigor Tandem		
Tires	Michelin Pro 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 Select Easton 7005 Aluminum zonally-butted tandem tubing.

### COMPONENT SPECIFICATIONS

Fork	Co-Motion WoundUp carbon tandem	QR Skewers	Rolf Prima
Headset	Chris King threadless	Handlebars	Deda 250 42, 44, 46 or Profile Stoker
Bottom Brackets	FSA SL-K Mega Exo	Captain Stem	Ritchey WCS 8-13cm
Crankset	FSA SL-K Carbon Mega Exo	Stoker Stem	Co-Motion telescoping adjustable
Chainrings	54-42-30	Seatposts	WoundUp Carbon 29.8mm
Brakes	Shimano Dura Ace	Saddles	Selle Italia Flite Ti and TransAm 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	Total Bike Weight	29.0 pounds
Rear Derailleur	Shimano Dura Ace triple 9sp	Optional Equipment:	Co-Motion max-adjustable stoker stem. RockShox suspension seatpost.
Cassette	6500 12-27 9sp	Avid mechanical disk brake.	Campagnolo Record 10sp package.
Shifters	Shimano Dura Ace STI Flite Deck	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.
Chain	Shimano CN-HG93		
Pedals	none		
Wheelset	Rolf Prima Vigor Tandem		
Tires	Michelin Pro Race 700x25c		

Frame sizes are measured from center of bottom bracket to top of seat tube collar. Standover heights are measured at mid top tube.

Top tube lengths are measured on effective horizontal. Rear axle length is 145mm on all tandem models. Seatpost diameter is 29.8mm on all tandem models.



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