









# POSST OBERON

WORLD TOURER 650C. DISC BRAKES. TECH SPEC, EQUIPMENT AND DATA


## CHASSIS

FRAME TUBES	 COLUMBUS	SELECT COLUMBUS STEEL TUBES
FORK	 Scolarian	CRMO STEEL FORK 1.1/8
HEADSET	 CANE CREEK	40-SERIES ASMBLY-STR- ZS44/28.6/30-H8
SPACERS	 DEDA	DEDA ALUMINIUM ANODIZED
RACKS CARRIERS	 atran/velo	TOUR 365BS & EXPLORER LOW RIDER
KICKSTAND	 atran/velo	REX CENTER MOUNT

## DRIVETRAIN

CRANK	 GATES CARBON DRIVE	S550 BLACK CDX 170
FRONT SPROCKET	 GATES CARBON DRIVE	GATES CARBON 50T 5-BOLT CDX
BELT	 GATES CARBON DRIVE	GATES CARBON 118T CDX BLACK
REAR SPROCKET	 GATES CARBON DRIVE	GATES CARBON 20T ROHLOFF SPLINE CDX
GEAR SYSTEM	 Rohloff	ROHLOFF SPEEDHUB 500/14 CC DB 36 HOLE
BOTTOM BRACKET	 FS2	68MM MEGAEXO THREADED
PEDALS	 DMR	DMR-V11 FLAT COMPOSITE BLACK

## COCKPIT

HANDLEBAR	 DEDA	GRAVEL100 RHM 130/75 FLARE 12 7050 ALLOY
STEM	 DEDA	DEDA ZERO1 3D FORGED, ALLOY 6061
BRAKE LEVERS	 TRP	TRP RRL SR BLACK
SHIFTER	 Rohloff	ROHLOFF TWIST SHIFTER
LIGHTS DYNAMO	 SP PL-7	SP PL-7 DYNAMO HUB / DS-4 LIGHT SYSTEM
BAR TAPES	 CICLOVATION	PREMIUM SILICONE TOUCH
BAR END PLUGS	 POSST	CUSTOM MADE. CNC MACHINED ALU 6061

## FRAME TUBES COLUMBUS COLUMBUS SELECT RANGE

HEAD TUBE	COLUMBUS SPIRIT HSS. OMNICROM	∅ 46mm
TOP TUBE	COLUMBUS ZONA DOUBLE BUTTED 25CRMO4	∅ 31.7mm
DOWN TUBE	COLUMBUS ZONA DOUBLE BUTTED 25CRMO4	∅ 38
SEAT TUBE	COLUMBUS ZONA DOUBLE INTERNAL / EXTERNAL BUTTED 25CRMO4	∅ 31.7 / 32.5 mm
SEAT STAY	COLUMBUS ZONA S BEND 25CRMO4 SEAMLESS	∅ 16mm
CHAIN STAY	COLUMBUS ZONA BUTTED DOUBLE BEND 25CRMO4	16 x 30mm




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## BRAKES

BRAKES CALIPER	 TRP	TRP HY/RD DISC BRAKES
BRAKES ROTOR F	 TRP	TRP 180MM ROTOR
BRAKES ROTOR R	 Rohloff	ROHLOFF 160MM ROTOR

## SEAT

SADDLE	 Fabor	LEATHER TOURING WITH REAR COIL SPRINGS
SEAT POST	 DEDA	DEDA ZERO1 ALLOY 6061, DIA 27.2
SEAT CLAMP	 POSST	CUSTOM CNC MACHINED ALU 6061. TI BOLT.

## WHEELS

RIM SET	 RAD 15	RAD15 STORM26 650 C26
WHEEL HUB F	 SP PL-7	SP PL-7 DYNAMO HUB
THRU AXLE F	 POSST	CUSTOM MACHINED 12-100
TIRES	 GOODYEAR	CONNECTOR PREMIUM TR 650X50
FENDERS	 SUNNYWHEEL	CUSTOM MADE ALUMINIUM FENDERS F&R

## DATA

WEIGHT	TBD / Size 54
LADEN WEIGHT	180 / KG INCL RIDER AND KITS
COLOURS	OLIVE RAL 6003
SIZES	50, 52, 54, 56 & 58. RIDER HEIGHT 158 to 187 CM

## COATING / PAINTING

Electrophoretic Deposition + Powder coating. This is extra layers of protection for our frames to inhibit the formation of rust in the interior of the tubing and weld joints.

All frames are finished with layers of primer, basecoat, top coat and clear coating. We use VOC-compliant paints from Axalta Coating / Glasurit from BASF Coating

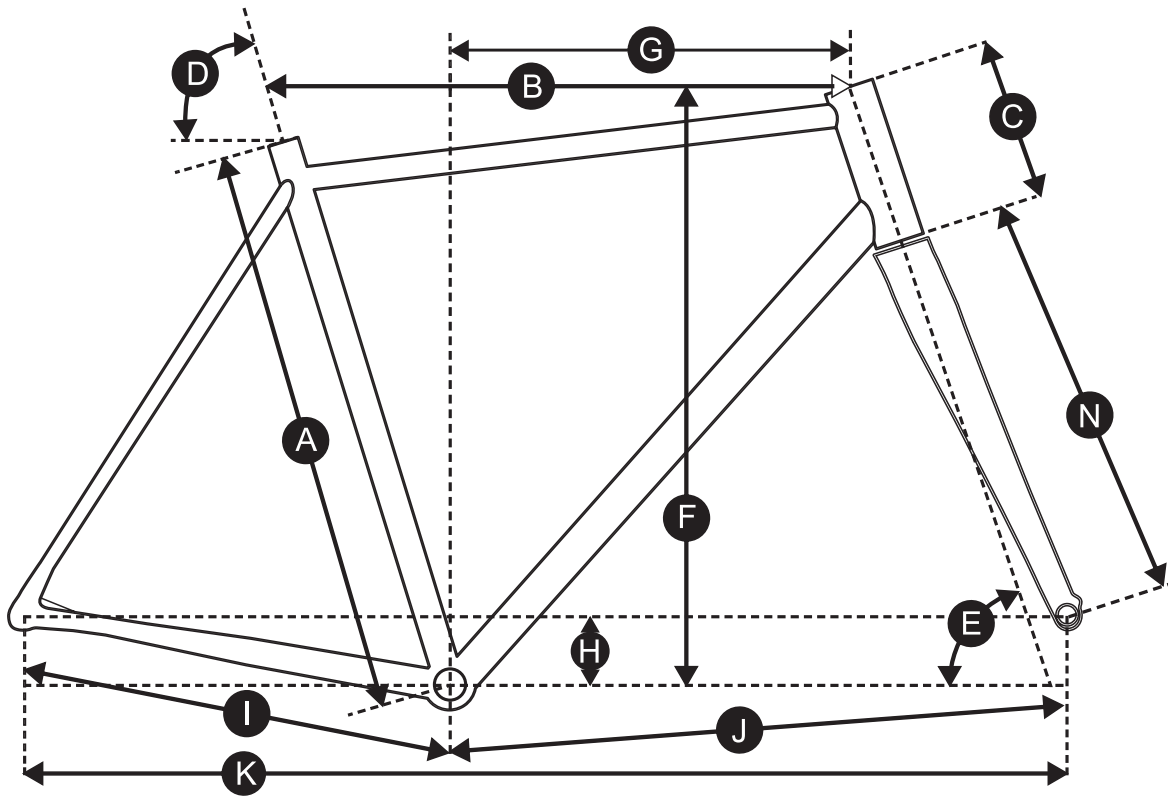
 Scolarian

Frame Design and Development, Welding and Coating by Scolarian Bikes.



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	Size	50	52	54	56	58
A	Seat Tube Length	460	490	520	545	570
B	Top Tube Length (Effective)	512	530	545	567	600
C	Head Tube Length	127	150	173	205	231
D	Seat Tube Angle	73.5	73.5	73.5	73.5	73
E	Head Tube Angle	68.5	69	69.5	69.5	69.5
F	Stack	550	575	600	630	655
G	Reach	350	360	367	380	400
H	Bottom Bracket Drop	65	65	65	65	65
I	Chain Stay Length	453	453	453	453	453
J	Front Center	604	616	624	648	677
K	Wheelbase	1049	1061	1069	1093	1022
	Bottom Bracket Height (650X50c tyre)	278	278	278	278	278
O	Standover Height (650X50c tyre)	725	752	780	806	830
N	Fork Length	407	407	407	407	407
	Fork rake/offset	55	53	50	50	50
	Trail (650X50c tyre)	76	75	75	75	75
	Crank	170	170	170	170	170
	Stem Length (mm) / Stem Angle (degree)	80 / 8	80 / 8	90/8	100 / 8	100 / 8
	Handlebar Width 12 Degree Flare	440	440	440	460	460
	Seatpost Setback	20	20	20	20	20
	Rider Height (cm) Regulat Fit	158-166	166-173	173-179	178-183	182-187
	Inseam (cm) Regular Fit	71-75	74-78	77-82	80-84	82-86