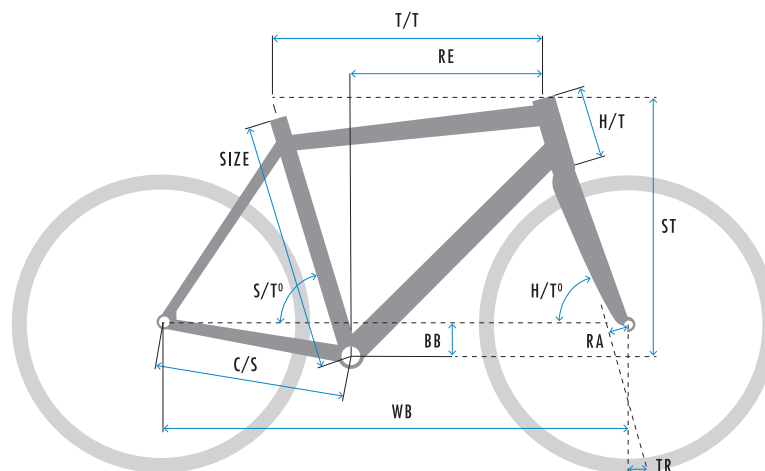


# GRANDTOURER

## SPECIFICATIONS

WEIGHT	♂ 16.6 kg ♀ 16.8 kg
SIZES	♂ 50-54-57-60-63cm ♀ 47-50-53-56-59cm
COLOUR	Stone Blue Shiny
FRAME	Completely hand-built lightweight Smooth TIG-welded frame. Tubes manufactured in triple-hardened and triple-buttet 6069 aluminium with internal cable-routing. Equipped with: integrated headset, replaceable rear derailleur hanger, basements for all accessories, integrated kickstand in dropout and neoprene chainstay protector.
FRONT FORK	KOGA - Alloy
HEADSET	Industrial bearing - Integrated in frame
HANDLEBAR	KOGA Dali - Ergonomic multiposition handlebar
STEM	KOGA Justera - Adjustable A-head
GRIPS	KOGA Multigrip Genuine Leather
DISC-/HYDRAULIC BRAKE SET (F)	Magura HS-11 Hydraulic rimbrake - Excellent braking power maintenance free - Turbo Pad Adjustment - Reach Adjust - Easy Bleed Technology
DISC-/HYDRAULIC BRAKE SET (R)	Magura HS-11 Hydraulic rimbrake - Excellent braking power maintenance free - Turbo Pad Adjustment - Reach Adjust - Easy Bleed Technology
SHIFT LEVER (R)	Shimano Deore LX Rapidfire Plus - Two way release - Optical gear display
SHIFT LEVER (L)	Shimano Deore LX Rapidfire Plus - Two way release - Optical gear display
CHAIN	KMC X10
CRANK SET	Shimano 2-Piece - Ultralightweight - Hyperdrive chainrings for smooth and precise shifting: 44x32x24T - Chaincase compatible
BOTTOM BRACKET	Shimano Splined and Hollow - Lightweight - Maintenance free bearing
CASSETTE	Shimano HG-500 10 speed - Hyperglide for quick and smooth shifting - Sprockets: 11-13-15-17-19-21-23-26-30-34T
REAR DERAILLEUR	Shimano Deore LX
FRONT DERAILLEUR	Shimano Deore LX
DERAILLEUR GUARD	KOGA Q-guard: combined Quick Release and rear derailleur protection
FRONT HUB	Shimano DH3N31 6V/3,0VW - Low rotating friction - Quick Release
REAR HUB	Shimano Deore - Internal grease sleeve for increased service life
TIRES	Schwalbe Marathon 37mm - Side reflection
TUBE	KOGA
RIMS	KOGA KM21-622 XStrong alloy - Double wall and double eyeletted 36 holes - Durable finished
SPOKES	Sapim Stainless Black - Cold forged reinforced
SADDLE	Selle Italia FLX Man Deluxe
SEAT POST	KOGA Alloy - Safety Clamp construction
MUDGUARD (F)	SKS P-45
MUDGUARD (R)	SKS P-55
HEADLIGHT	B&M Lumotec IQ2 Eyc T Senso Plus - Premium IQ Long life LED technology with 50 Lux - Daylight and Standlight function - KBA approved
REAR LIGHT	Spanninga Plateo - Standlight
DYNAMO	Hub
REAR CARRIER	Tube logo - Steel tubing max 40 kg - High/Low bag position - Durable black powdercoated finish - Integrated rearlight wiring - 10 years guarantee
PEDALS	KOGA Sole-Mate - Concaved anti slip layer - Industrial bearing - ED coated body
PUMP	KOGA Telescopic with alloy barrel - Schrader and Presta Fit - High Pressure/ Big Volume switch - Ergonomic hinge grip
BOTTLE	KOGA 550ml food-grade squeezable polyethylene 2x
BOTTLE HOLDER	KOGA Composite 2x
BELL	Widek Compact
KICKSTAND	Pletscher Comp - Superb stability - Powdercoated durable finish
RING LOCK	AXA Defender RL - ART ** Approved - Folding key



## GEOMETRY

### ♂ GENTS

SIZE	T/T	C/S	WB	BB	RA	H/T°	S/T°	TR	H/T	RE	ST
50	570	460	1077	55	45	70,0	72,0	75	120	382	581
54	574	460	1081	55	45	70,0	72,0	75	135	381	595
57	601	460	1087	55	45	71,0	71,0	68	150	390	613
60	604	460	1090	55	45	71,0	71,0	68	165	388	627
63	620	460	1092	55	45	71,0	70,0	68	205	378	665

### ♀ LADIES

SIZE	T/T	C/S	WB	BB	RA	H/T°	S/T°	TR	H/T	RE	ST
47	567	460	1076	55	45	70,0	72,0	75	160	366	618
50	567	460	1076	55	45	70,0	72,0	75	170	363	628
53	571	460	1080	55	45	70,0	72,0	75	180	364	637
56	599	460	1085	55	45	71,0	71,0	68	190	375	651
59	604	460	1090	55	45	71,0	71,0	68	200	377	660