

SPECIFICATION

ROAD RACE

ROAD SPORT

SPORTS HYBRID

TREKKING HYBRID

FOLDING

MODEL	GALIBIER	TOURMALET	AUBISQUE	SESTRIERE	MORZINE	TOUR	HELIX	ZENITH	VENTURER 4	VENTURER 3	VENTURER 2	VENTURER 1	HYTRAIL	HYROAD	HYSTREET	HYWAY	COMPACT
FRAME	Butted and profiled aluminium - Road race super sports with Zero stack headtube and Carbon rear seatstays	Butted and profiled aluminium - Road race super sports with Zero stack headtube	Butted and profiled aluminium - Road race super sports with Zero stack headtube	Profiled aluminium - Road race super sports with Zero stack headtube	Profiled aluminium - Road race super sports with Zero stack headtube	Profiled aluminium - Road race super sports with Zero stack headtube	Butted and profiled aluminium - Road hybrid super sports with Zero stack headtube	Profiled aluminium - Road hybrid super sports with Zero stack headtube	High level Profiled aluminium - Sports hybrid suspension adjusted, mounts for rack and mudguards and integrated disc mount	High level Profiled aluminium - Sports hybrid suspension adjusted, mounts for rack and mudguards and integrated disc mount	Profiled aluminium - Sports hybrid suspension adjusted, mounts for rack and mudguards	Profiled aluminium - Sports hybrid suspension adjusted, mounts for rack and mudguards	Profiled aluminium - Trekking hybrid suspension adjusted, mounts for rack, mudguards and stand	Profiled aluminium - Trekking hybrid suspension adjusted, mounts for rack, mudguards and stand	Profiled aluminium - Trekking hybrid suspension adjusted, mounts for rack, mudguards and stand	Profiled aluminium - Trekking hybrid suspension adjusted, mounts for rack, mudguards and stand	Aluminium folding frame with high quality mechanism 20" wheels and dragwheel
QTY OF GEARS	20	20	18	18	16	14	27	24	27	24	24	21	24	21	3	21	6
FORK	ITM Millennium FULL carbon fibre road fork	ITM Spyder carbon fibre road fork	ITM Spyder carbon fibre road fork	Saracen carbon fibre road fork	Taper leg road for zero stack headtube	Taper leg road for zero stack headtube	Saracen carbon fibre road fork	Taper leg road for zero stack headtube	Manitou LUXE elite adjustable suspension fork	SR-Suntour NEX alloy suspension fork, with adjustment	SR-Suntour alloy suspension fork 50mm of travel	Taper leg hybrid in high strength steel	SR-Suntour alloy suspension fork with adjustment	SR-Suntour alloy suspension fork with adjustment	Taper leg hybrid in high strength steel	Taper leg hybrid in high strength steel	Taper leg hybrid in high strength steel
HEADSET	Zero stack sealed aheadset	Zero stack sealed aheadset	Zero stack sealed aheadset	Zero stack sealed aheadset	Zero stack sealed aheadset	Zero stack sealed aheadset	Zero stack sealed aheadset	Zero stack sealed aheadset	Aheadset w/seals	Aheadset w/seals	Aheadset w/seals	Aheadset w/seals	sealed threaded headset	sealed threaded headset	sealed threaded headset	sealed threaded headset	Zero stack
HUBS	Shimano Ultegra WH-R550 wheelset front and rear	Campagnolo Vento wheelset front and rear	Gipiemme T3 road race wheelset front and rear with Campagnolo cassette	Alloy with QR front and rear. Campagnolo rear cassette	Alloy with QR front and rear. Cassette	Alloy with QR front and rear. Cassette.	Alloy with QR front and rear. Cassette	Alloy with QR front and rear. Cassette	new Shimano Centerlock disc hubs HB-M495	Shimano QR front and rear. Cassette	Alloy with QR front and rear. Cassette	Alloy with qr front	Alloy with QR front and rear	Alloy with QR front and rear	Alloy front with QR and Shimano NEXUS 3 speed rear hub gear	Alloy with QR front	Alloy
RIMS	as above	as above	as above	Rigida Flyer road race rim	Rigida Flyer road race rim	Rigida Flyer road race rim	Rigida Flyer road race rim	Rigida Flyer road race rim	XC-D double wall alloy	XC-D double wall alloy	XC-D double wall alloy	XC-D double wall alloy	XC-D double wall alloy	XC-D double wall alloy	XC-D double wall alloy	XC-D double wall alloy	Weinmann Zac 20 silver
SPOKES	as above	as above	as above	Stainless	Stainless	Stainless	Stainless	Stainless	Stainless	Stainless	Stainless	Rustless	Stainless	Stainless	Stainless	Rustless	Rustless
TYRES	Schwalbe Stelvio Evolution 700 x 23mm road sports tyres	Schwalbe Stelvio 700 x 23mm road sports tyres	Schwalbe Stelvio 700 x 23mm road sports tyres	Schwalbe Blizzard 700 x 23mm road sports tyres	Schwalbe Blizzard Sport 700 x 23mm road sports tyres	Schwalbe Blizzard Sport 700 x 23mm road sports tyres	Schwalbe Blizzard 700 x 23mm road sports tyres	Schwalbe Blizzard Sport 700 x 23mm road sports tyres	better quality 700 x 38mm sports hybrid tyres, with reflective strip	better quality 700 x 38mm sports hybrid tyres, with reflective strip	700 x 38mm sports hybrid tyres	700 x 38mm sports hybrid tyres	700 x 38mm sports hybrid tyres	700 x 38mm sports hybrid tyres	700 x 38mm sports hybrid tyres	700 x 38mm sports hybrid tyres	High pressure town and country
STEM	ITM NEW oversized road racing with 4 bolt bar clamp	ITM NEW oversized road racing with 4 bolt bar clamp	ITM NEW oversized road racing with 4 bolt bar clamp	ITM road racing	Forged alloy 4 bolt aheadstem	Forged alloy 4 bolt aheadstem	Forged alloy 4 bolt aheadstem	Forged alloy 4 bolt aheadstem	Forged alloy adjustable aheadstem	Forged alloy adjustable aheadstem	Forged alloy adjustable aheadstem	Forged alloy adjustable aheadstem	Forged alloy adjustable quill type	Forged alloy adjustable quill type	Forged alloy adjustable quill type	Forged alloy adjustable quill type	Folding with safety catch
H/BAR	ITM LUX wing profiled handlebar drop handlebar	ITM LUX wing profiled handlebar drop handlebar	ITM LUX wing profiled handlebar drop handlebar	ITM Europa drop handlebar	ITM Europa drop handlebar	ITM Europa drop handlebar	Aluminium flat handlebar	Aluminium flat handlebar	Aluminium flat handlebar	Aluminium flat handlebar	Aluminium flat handlebar	Aluminium flat handlebar	Alloy Trekking riser bar	Trekking riser bar	Trekking riser bar	Trekking riser bar	city riser quick rotate mechanism for folding
GRIPS/TAPE	black cork	black cork	black cork	black cork	black cork	black cork	Saracen gel smooth grips	Saracen gel smooth grips	Saracen gel smooth grips	Saracen gel smooth grips	Saracen gel smooth grips	Saracen gel smooth grips	Saracen gel smooth grips	Saracen gel smooth grips	Saracen gel smooth grips	Saracen gel smooth grips	Saracen gel smooth grips
BRAKE LEVERS	NEW Shimano Ultegra 10x2 speed STI	Campagnolo Veloce Ergopower 20 speed for drop bars	Campagnolo Veloce Ergopower 18 speed for drop bars	Campagnolo Xenon Ergopower 18 speed for drop bars	Shimano sora STI 16 speed for drop bars	Shimano road STI 14 speed for drop bars	Shimano flat bar 27 speed, trigger shift levers	Shimano flat bar 24 speed, trigger shift levers	Forged alloy levers for 'V' (and disc)	Shimano ST-EF29 24 speed, CI deck compatible trigger shift levers	Shimano ST-EF29 24 speed, CI deck compatible trigger shift levers	Shimano ST-EF29 21 speed, CI deck compatible trigger shift levers	Shimano ST-EF29 24 speed, CI deck compatible trigger shift levers	Shimano ST-EF29 21 speed, CI deck compatible trigger shifters	Shimano 3 speed revo shift for hub gear	Shimano ST-EF29 21 speed, CI deck compatible trigger shifters	alloy levers
GEAR LEVERS	As above	As above	As above	As above	As above	As above	As above	As above	Deore 9 speed shift pods	As above	As above	As above	As above	As above	alloy hybrid brake levers	As above	Shimano revo shift 6 speed
BRAKES	Shimano Ultegra caliper brakes	Campagnolo Veloce caliper brakes	forged caliper brakes	forged caliper brakes	forged caliper brakes	forged caliper brakes	forged caliper brakes	forged caliper brakes	Shimano forged alloy 'V' brakes	Forged alloy 'V' type	Forged alloy 'V' type	Forged alloy 'V' type	Forged alloy 'V' type	Forged alloy 'V' type	Forged alloy 'V' type	Forged alloy 'V' type	Forged alloy 'V' type
REAR MECH	NEW Shimano Ultegra 10 speed	Campagnolo Veloce 20 speed	Campagnolo Veloce 18 speed	Campagnolo Xenon 18 speed	Shimano 2200 8 speed	Shimano Altus 7 speed	Shimano Tiagra 9 speed	Shimano 2200 8 speed	Shimano Deore LUX 9 speed	Shimano Acera 8 speed	Shimano Altus 8 speed	Shimano TX50 7 speed (not rapid rise)	Shimano Alivio 8 speed	Shimano Altus 7 speed	n/a (uses 3 speed rear hub gear)	Shimano TX50 7 speed (not rapid rise)	Shimano TY18
FRONT MECH	NEW Shimano Ultegra 10 speed	Campagnolo Veloce 20 speed	Campagnolo Xenon 18 speed	Campagnolo Xenon 18 speed	Shimano	Shimano	Shimano	Shimano	Suntour	Shimano	Shimano	Shimano	Shimano	Shimano	n/a (uses 3 speed rear hub gear)	Shimano	n/a
CRANKSET	NEW Shimano Ultegra hollowtech II 53/39 double	Campagnolo Veloce 53/39 race double	Campagnolo Veloce 53/39 race double	Truvativ Touro 53/39 race double	Truvativ Isoflow 53/39 race double	Truvativ Isoflow 53/39 race double	Truvativ Touro 52/42/30 triple	Truvativ Isoflow 52/42/30 triple	Shimano MC440 hollowtech trekking 48/38/28	Shimano trekking 48/38/28	Truvativ Isoflow 48/38/28	SR-Suntour alloy 48/38/28 w/guard	Shimano trekking 48/38/28	Truvativ Isoflow 48/38/28	SR-Suntour alloy 38T single with full length guard	SR-Suntour alloy 48/38/28 w/guard	Forged alloy Single ring with integrated guard
BOTTOM BRACKET	NEW Shimano Ultegra integrated with chainset	Campagnolo Sealed cartridge	Campagnolo Sealed cartridge	Sealed cartridge	Sealed cartridge	Sealed cartridge	Sealed cartridge	Sealed cartridge	Shimano Sealed cartridge	Shimano Sealed cartridge	Sealed cartridge	Sealed cartridge	Sealed cartridge	Sealed cartridge	Sealed cartridge	Sealed cartridge	roller bearing
CASSETTE/F-WHEEL	NEW Shimano Ultegra 10 speed 12-25	Campagnolo Veloce 12-25 10 speed	Campagnolo Mirage 13-26 9 speed	Campagnolo Mirage 13-26 9 speed	Shimano cassette 12-25 8 speed	Shimano cassette 13-26 7 speed	Shimano cassette 12-25 9 speed	Shimano cassette 12-25 8 speed	Shimano cassette 11-30 9 speed	Shimano cassette 11-30 8 speed	Shimano cassette 11-30 8 speed	Shimano 14-28 7 speed	Shimano cassette 11-30 8 speed	Shimano 14-28 7 speed	n/a	Shimano 14-28 7 speed	Shimano 14-28 6 speed
CHAIN	NEW Shimano Ultegra 10 speed	Truvativ 10 speed	KMC Z9000	KMC Z9000	KMC IG-31	KMC IG-31	Shimano 9 speed	KMC IG-31	Shimano 9 speed	KMC IG-31	KMC IG-31	KMC Z50	KMC IG-31	KMC Z50	KMC	KMC Z50	KMC Z50
SADDLE	Selle Italia C2	Selle Italia C2	Selle Italia C2	Selle Italia Initale	Multi stitch Saracen race	Multi stitch Saracen race	Multi stitch Saracen race	Multi stitch Saracen race	WTB Pure V	Multi stitch Saracen Sports Hybrid with pressure release zone	Multi stitch Saracen Sports Hybrid with pressure release zone	Multi stitch Saracen Sports Hybrid with pressure release zone	Multi stitch Saracen Comfort Hybrid with pressure release zone	Multi stitch Saracen Comfort Hybrid with pressure release zone	Multi stitch Saracen Comfort Hybrid with pressure release zone	Multi stitch Saracen Comfort Hybrid with pressure release zone	Black soft padding with pressure release zone
SEAT POST	ITM NEW road racing	ITM NEW road racing	ITM NEW road racing	Alloy micro adjust black finish	Alloy micro adjust black finish	Alloy micro adjust black finish	Alloy micro adjust black finish	Alloy micro adjust black finish	Alloy micro adjust satin black	High quality alloy suspension with MCU spring and adjustment	Alloy suspension (adjustable)	Alloy micro adjust black finish	High quality alloy suspension with MCU spring and adjustment	Alloy suspension (adjustable)	Alloy	Alloy	Extra long. Can retract into frame for small folded size
PEDALS	Alloy road pedals with toeclips	Alloy road pedals with toeclips	Alloy road pedals with toeclips	Alloy road pedals with toeclips	Alloy road pedals with toeclips	Alloy road pedals with toeclips	Alloy road pedals with toeclips	Alloy road pedals with toeclips	Alloy body / Alloy cage sports with ability to fit toeclip	Alloy body / Metal cage sports with ability to fit toeclip	Alloy body / Metal cage sports with ability to fit toeclip	Metal cage sports with ability to fit toeclip	Alloy trekking with no slip rubber insert	resin trekking with no slip rubber insert	resin trekking with no slip rubber insert	resin trekking with no slip rubber insert	Folding type
MUDGUARDS	n/a	n/a	n/a	not fitted but mounts on frame	not fitted but mounts on frame	not fitted but mounts on frame	n/a	not fitted but mounts on frame	not fitted but mounts on frame	not fitted but mounts on frame	not fitted but mounts on frame	not fitted but mounts on frame	chromeplastic silver with splash tails and stainless stays	chromeplastic silver with splash tails and stainless stays	chromeplastic silver with splash tails and stainless stays	chromeplastic silver with splash tails and stainless stays	chromeplastic silver with splash tails
RACK	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	not fitted but mounts on frame	not fitted but mounts on frame	not fitted but mounts on frame	not fitted but mounts on frame	Alloy lightweight rack fitted	tubular lightweight rack fitted	tubular lightweight rack fitted	available as option	available as option