









	L Z,133	L 2,333	L Z,J43	L 1,133
PRODUCT INFORMATION				
FRAME SIZES	S (45cm) - M (50cm) - L (55cm)	S/M (46cm) - L/XL (54cm)	S (42cm) - M (46cm) - L (50cm)	S (46cm) - M (52cm) - L (56cm)
WEIGHT	Approx. 28kg	Approx. 26,5kg	Approx. 28kg	Approx. 24kg
MAXIMUM BIKE & RIDER WEIGHT	120kg	145kg	120kg	145kg
MAXIMOM BIKE & RIBER WEIGHT	Powder Painting Scratch Resistant	Powder Painting Scratch Resistant	Powder Painting Scratch Resistant	Powder Painting Scratch Resistant
PAINTING	with Matte or Glossy Varnish	with Matte or Glossy Varnish	with Matte or Glossy Varnish	With Matte Varnish
COLOUR(s)	White Star with glossy varnish Happy Blue with matte finish Black Suit with matte finish	White Star with glossy varnish Happy Blue with matte finish Black Suit with matte finish Desert Sand with matte finish	9	Moon Grey with matte finish Desert Sand with matte finish
FRAME				
FRAME	Aluminium Low Step	Aluminium Low Step	Aluminium MTB Hardtail	Aluminium Low Step
SUSPENSION	-	-	Sr Suntour Raidon 34 Air Travel 130mm Boost 110mm 27,5"	-
FORK	Rigid Alloy 28"	Rigid Alloy 28"	-	Rigid Alloy 28"
HEADSET	FSA 1.5" to 1-1/8" Tapered SHIS	ACROS AZX-581 1.5" SHIS With Blocklock 150° Integrated Cables	FSA 1.5" to 1-1/8" Tapered SHIS	SHIS 1-1/8"
E-BIKE SYSTEM		Biodinosit 199 milegrated odbies		
DRIVE UNIT	BROSE DRIVE C ALU 50Nm	SHIMANO Steps E6100 60Nm	BROSE DRIVE S ALU 90Nm	BAFANG H400B Rear Wheel 45Nm
BATTERY	504Wh 36V - Integrated on Downtube - Removable	504Wh 36V - Integrated on Downtube - Removable		360Wh 36V - Integrated on Downtube - Non Removable
RANGE	40km to 100km	40km to 100km	40km to 100km	40km to 100km
				40KIII IU 100KIII
BATTERY LOCK KEY	Yes	Yes	Yes	24. 5 h total all a time
CHARGER	2A - 7 hours total charge time	2A - 7 hours total charge time	2A - 7 hours total charge time	2A - 5 hours total charge time
DISPLAY	BROSE Allround	SHIMANO SC-E6100	BROSE Allround	BAFANG DP.C11
COCKPIT				
HANDLEBAR	AL 660mm / 31.8mm (Curved)	AL 660mm / 31.8mm (Curved)	FSA V-Drive 740mm / 31.8mm (Straight)	AL 660mm / 31.8mm (Curved)
STEM	AL 90mm - 31.8mm - adjustable 0- 90°	AL 90mm - adjustable 0-90° - with integrated cables	FSA V-Drive 60mm/ 31.8mm / ±6°	AL 90mm - 31.8mm - adjustable 0- 90°
GRIPS	ERGON GP1	ERGON GP1	ERGON GA30	HERRMANS DD36 Ergonomic
WHEELSET				
TYRES	CONTINENTAL Contact Cruiser	CONTINENTAL Contact Urban	CONTINENTAL Mountain King	CONTINENTAL Contact Cruiser
MULEEL CIZE	28"x2,2"	28"x2,2"	27,5"x2,6"	28"x2,0"
WHEEL SIZE	28"	28"	27,5"	28"
RIMS	Alloy Double Wall 25mm	Alloy Double Wall 25mm	Alloy Double Wall 25mm	Alloy Double Wall 25mm
SPOKES	Black Stainless Steel	Black Stainless Steel	Black Stainless Steel	Stainless Steel
FRONT HUB	SHIMANO HB-MT400 100 Thru-axle 15mm	SHIMANO HB-MT400 100 Thru-axle 15mm	SHIMANO HB-MT400-B Boost 110 Thru-axle 15mm	SHIMANO HB-TX506 9x100mm QR
REAR HUB	SHIMANO Nexus SG-C6001-8D	SHIMANO Nexus SG-C6001-8D	SHIMANO HB-MT400-B Boost 148 Thru-axle 12mm	BAFANG H400B 135mm
DRIVETRAIN & BRAKES				
BRAKES	SHIMANO Hydraulic MT200	SHIMANO Hydraulic MT200	SHIMANO Hydraulic MT200	ALHONGA Hydraulic HJ-HT474
BRAKE ROTOR - Front	SHIMANO SM-RT10 180mm	SHIMANO SM-RT10 180mm	SHIMANO SM-RT10 180mm	ALHONGA HJ-DXR1806 180MM
BRAKE ROTOR - Rear	SHIMANO SM-RT10 180mm	SHIMANO SM-RT10 180mm	SHIMANO SM-RT10 180mm	ALHONGA HJ-DXR1806 180MM
REAR DERRAILEUR	-	-	SHIMANO Deore 10S	SHIMANO Altus 9S
CASSETTE	-	-	SHIMANO Deore 10S 11-42T	SHIMANO Altus 9S 11-36T
SHIFTERS	SHIMANO Nexus 8	SHIMANO Nexus 8	SHIMANO Deore 10S	SHIMANO Altus 9S
CHAINRING	MIRANDA BCD 104 38T	SHIMANO SM-CRE61 38T	SAMOX BCD 104 36T	MIRANDA ChainFlow BCD104 38T
CRANK			3/1/10// DOD 10 / 30 /	THIN WAS TONIAN TOWN BOD 10 T 30 T
CIVAIN			SAMOX Shane 175/5	MIRANDA IIS 170
CHVIN	SAMOX Shape 175/0	SHIMANO FC-E6100 175mm	SAMOX Shape 175/5	MIRANDA JIS 170
	SAMOX Shape 175/0 SHIMANO CN-NX10	SHIMANO FC-E6100 175mm SHIMANO CN-NX10	SHIMANO CN-E6090	SHIMANO CN-HG53
CHAINGUARD	SAMOX Shape 175/0	SHIMANO FC-E6100 175mm	· · · · · · · · · · · · · · · · · · ·	
CHAINGUARD SAFETY & ACESSORIES	SAMOX Shape 175/0 SHIMANO CN-NX10 Yes - HEBIE	SHIMANO FC-E6100 175mm SHIMANO CN-NX10 Yes - HEBIE	SHIMANO CN-E6090 Yes - FSA	SHIMANO CN-HG53 Yes - SKS
CHAINGUARD SAFETY & ACESSORIES RACK	SAMOX Shape 175/0 SHIMANO CN-NX10 Yes - HEBIE ATRANVELO Tour AVS (max.: 25Kg)	SHIMANO FC-E6100 175mm SHIMANO CN-NX10 Yes - HEBIE ATRANVELO Tour AVS (max.: 25Kg)	SHIMANO CN-E6090 Yes - FSA ATRANVELO Tour AVS (max.: 25Kg)	SHIMANO CN-HG53 Yes - SKS ATRANVELO City AVS (max.: 25Kg)
CHAINGUARD SAFETY & ACESSORIES RACK FRONT LIGHT	SAMOX Shape 175/0 SHIMANO CN-NX10 Yes - HEBIE ATRANVELO Tour AVS (max.: 25Kg) AXA Blueline 30 with reflector	SHIMANO FC-E6100 175mm SHIMANO CN-NX10 Yes - HEBIE ATRANVELO Tour AVS (max.: 25Kg) SPANNINGA Axendo 40 with reflector	SHIMANO CN-E6090 Yes - FSA ATRANVELO Tour AVS (max.: 25Kg) AXA Blueline 30 with reflector	SHIMANO CN-HG53 Yes - SKS ATRANVELO City AVS (max.: 25Kg) AXA Ecoline 15 with reflector
CHAINGUARD SAFETY & ACESSORIES RACK FRONT LIGHT REAR LIGHT	SAMOX Shape 175/0 SHIMANO CN-NX10 Yes - HEBIE ATRANVELO Tour AVS (max.: 25Kg) AXA Blueline 30 with reflector PICCADILLY with reflector	SHIMANO FC-E6100 175mm SHIMANO CN-NX10 Yes - HEBIE ATRANVELO Tour AVS (max.: 25Kg) SPANNINGA Axendo 40 with reflector PICCADILLY with reflector	SHIMANO CN-E6090 Yes - FSA ATRANVELO Tour AVS (max.: 25Kg) AXA Blueline 30 with reflector AXA Slim with reflector	SHIMANO CN-HG53 Yes - SKS ATRANVELO City AVS (max.: 25Kg) AXA Ecoline 15 with reflector AXA Slim with reflector
CHAINGUARD SAFETY & ACESSORIES RACK FRONT LIGHT REAR LIGHT KICKSTAND	SAMOX Shape 175/0 SHIMANO CN-NX10 Yes - HEBIE ATRANVELO Tour AVS (max.: 25Kg) AXA Blueline 30 with reflector PICCADILLY with reflector ATRANVELO Dux	SHIMANO FC-E6100 175mm SHIMANO CN-NXIO Yes - HEBIE ATRANVELO Tour AVS (max.: 25Kg) SPANNINGA Axendo 40 with reflector PICCADILLY with reflector ATRANVELO Dux	SHIMANO CN-E6090 Yes - FSA ATRANVELO Tour AVS (max.: 25Kg) AXA Blueline 30 with reflector AXA Slim with reflector ATRANVELO Dux	SHIMANO CN-HG53 Yes - SKS ATRANVELO City AVS (max.: 25Kg) AXA Ecoline 15 with reflector AXA Slim with reflector ATRANVELO Dux
CHAINGUARD SAFETY & ACESSORIES RACK FRONT LIGHT REAR LIGHT KICKSTAND MUDGUARD	SAMOX Shape 175/0 SHIMANO CN-NX10 Yes - HEBIE ATRANVELO Tour AVS (max.: 25Kg) AXA Blueline 30 with reflector PICCADILLY with reflector ATRANVELO Dux SKS	SHIMANO FC-E6100 175mm SHIMANO CN-NX10 Yes - HEBIE ATRANVELO Tour AVS (max.: 25Kg) SPANNINGA Axendo 40 with reflector PICCADILLY with reflector ATRANVELO Dux SKS	SHIMANO CN-E6090 Yes - FSA ATRANVELO Tour AVS (max.: 25Kg) AXA Blueline 30 with reflector AXA Slim with reflector	SHIMANO CN-HG53 Yes - SKS ATRANVELO City AVS (max.: 25Kg) AXA Ecoline 15 with reflector AXA Slim with reflector
CHAINGUARD SAFETY & ACESSORIES RACK FRONT LIGHT REAR LIGHT KICKSTAND MUDGUARD BELL	SAMOX Shape 175/0 SHIMANO CN-NX10 Yes - HEBIE ATRANVELO Tour AVS (max.: 25Kg) AXA Blueline 30 with reflector PICCADILLY with reflector ATRANVELO Dux SKS Yes	SHIMANO FC-E6100 175mm SHIMANO CN-NX10 Yes - HEBIE ATRANVELO Tour AVS (max.: 25Kg) SPANNINGA Axendo 40 with reflector PICCADILLY with reflector ATRANVELO Dux SKS Yes	SHIMANO CN-E6090 Yes - FSA ATRANVELO Tour AVS (max.: 25Kg) AXA Blueline 30 with reflector AXA Slim with reflector ATRANVELO Dux SKS -	SHIMANO CN-HG53 Yes - SKS ATRANVELO City AVS (max.: 25Kg) AXA Ecoline 15 with reflector AXA Slim with reflector ATRANVELO Dux SKS -
CHAINGUARD SAFETY & ACESSORIES RACK FRONT LIGHT REAR LIGHT KICKSTAND MUDGUARD BELL BOTTLE CAGE	SAMOX Shape 175/0 SHIMANO CN-NX10 Yes - HEBIE ATRANVELO Tour AVS (max.: 25Kg) AXA Blueline 30 with reflector PICCADILLY with reflector ATRANVELO Dux SKS Yes Not included. Sold separately.	SHIMANO FC-E6100 175mm SHIMANO CN-NX10 Yes - HEBIE ATRANVELO Tour AVS (max.: 25Kg) SPANNINGA Axendo 40 with reflector PICCADILLY with reflector ATRANVELO Dux SKS Yes Not included. Sold separately.	SHIMANO CN-E6090 Yes - FSA ATRANVELO Tour AVS (max.: 25Kg) AXA Blueline 30 with reflector AXA Slim with reflector ATRANVELO Dux SKS - Not included. Sold separately.	SHIMANO CN-HG53 Yes - SKS ATRANVELO City AVS (max.: 25Kg) AXA Ecoline 15 with reflector AXA Slim with reflector ATRANVELO Dux SKS - Not included. Sold separately.
CHAINGUARD SAFETY & ACESSORIES RACK FRONT LIGHT REAR LIGHT KICKSTAND MUDGUARD BELL BOTTLE CAGE	SAMOX Shape 175/0 SHIMANO CN-NX10 Yes - HEBIE ATRANVELO Tour AVS (max.: 25Kg) AXA Blueline 30 with reflector PICCADILLY with reflector ATRANVELO Dux SKS Yes	SHIMANO FC-E6100 175mm SHIMANO CN-NX10 Yes - HEBIE ATRANVELO Tour AVS (max.: 25Kg) SPANNINGA Axendo 40 with reflector PICCADILLY with reflector ATRANVELO Dux SKS Yes	SHIMANO CN-E6090 Yes - FSA ATRANVELO Tour AVS (max.: 25Kg) AXA Blueline 30 with reflector AXA Slim with reflector ATRANVELO Dux SKS - Not included. Sold separately. SELLE ROYAL Shadow	SHIMANO CN-HG53 Yes - SKS ATRANVELO City AVS (max.: 25Kg) AXA Ecoline 15 with reflector AXA Slim with reflector ATRANVELO Dux SKS -
CHAINGUARD SAFETY & ACESSORIES RACK FRONT LIGHT REAR LIGHT KICKSTAND MUDGUARD BELL BOTTLE CAGE SADDLE	SAMOX Shape 175/0 SHIMANO CN-NX10 Yes - HEBIE ATRANVELO Tour AVS (max.: 25Kg) AXA Blueline 30 with reflector PICCADILLY with reflector ATRANVELO Dux SKS Yes Not included. Sold separately.	SHIMANO FC-E6100 175mm SHIMANO CN-NX10 Yes - HEBIE ATRANVELO Tour AVS (max.: 25Kg) SPANNINGA Axendo 40 with reflector PICCADILLY with reflector ATRANVELO Dux SKS Yes Not included. Sold separately.	SHIMANO CN-E6090 Yes - FSA ATRANVELO Tour AVS (max.: 25Kg) AXA Blueline 30 with reflector AXA Slim with reflector ATRANVELO Dux SKS - Not included. Sold separately.	SHIMANO CN-HG53 Yes - SKS ATRANVELO City AVS (max.: 25Kg) AXA Ecoline 15 with reflector AXA Slim with reflector ATRANVELO Dux SKS - Not included. Sold separately.
CHAINGUARD SAFETY & ACESSORIES RACK FRONT LIGHT REAR LIGHT KICKSTAND MUDGUARD BELL BOTTLE CAGE SADDLE SEAT POST	SAMOX Shape 175/0 SHIMANO CN-NX10 Yes - HEBIE ATRANVELO Tour AVS (max.: 25Kg) AXA Blueline 30 with reflector PICCADILLY with reflector ATRANVELO Dux SKS Yes Not included. Sold separately. SELLE ROYAL Rio Gel	SHIMANO FC-E6100 175mm SHIMANO CN-NX10 Yes - HEBIE ATRANVELO Tour AVS (max.: 25Kg) SPANNINGA Axendo 40 with reflector PICCADILLY with reflector ATRANVELO Dux SKS Yes Not included. Sold separately. SELLE ROYAL Rio Gel	SHIMANO CN-E6090 Yes - FSA ATRANVELO Tour AVS (max.: 25Kg) AXA Blueline 30 with reflector AXA Slim with reflector ATRANVELO Dux SKS - Not included. Sold separately. SELLE ROYAL Shadow FSA Gossamer 350mm 31.6mm	SHIMANO CN-HG53 Yes - SKS ATRANVELO City AVS (max.: 25Kg) AXA Ecoline 15 with reflector AXA Slim with reflector ATRANVELO Dux SKS - Not included. Sold separately. SELLE ROYAL Rio Gel
CHAIN CHAINGUARD SAFETY & ACESSORIES RACK FRONT LIGHT REAR LIGHT KICKSTAND MUDGUARD BELL BOTTLE CAGE SADDLE SEAT POST SEAT CLAMP PEDALS	SAMOX Shape 175/0 SHIMANO CN-NX10 Yes - HEBIE ATRANVELO Tour AVS (max.: 25Kg) AXA Blueline 30 with reflector PICCADILLY with reflector ATRANVELO Dux SKS Yes Not included. Sold separately. SELLE ROYAL Rio Gel AL Black 350mm 31,6mm/15mm	SHIMANO FC-E6100 175mm SHIMANO CN-NXIO Yes - HEBIE ATRANVELO Tour AVS (max.: 25Kg) SPANNINGA Axendo 40 with reflector PICCADILLY with reflector ATRANVELO Dux SKS Yes Not included. Sold separately. SELLE ROYAL Rio Gel AL Black 300mm 31,6mm/15mm	SHIMANO CN-E6090 Yes - FSA ATRANVELO Tour AVS (max.: 25Kg) AXA Blueline 30 with reflector AXA Slim with reflector ATRANVELO Dux SKS - Not included. Sold separately. SELLE ROYAL Shadow FSA Gossamer 350mm 31.6mm /20mm	SHIMANO CN-HG53 Yes - SKS ATRANVELO City AVS (max.: 25Kg) AXA Ecoline 15 with reflector AXA Slim with reflector ATRANVELO Dux SKS - Not included. Sold separately. SELLE ROYAL Rio Gel AL Black 300mm 31,6mm/15mm

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