









	L Z,149	L Z,J99	L Z,J99	L 2,349
PRODUCT INFORMATION				
RAME SIZES	M (50cm) - L (55cm)	S/M (46cm) - L/XL (54cm)	S-M (42cm) - L/XL (46cm)	S (42cm) - M (46cm) - L (50cm)
WEIGHT	Approx. 28kg	Approx. 26,5kg	Approx. 26Kg	Approx. 28kg
1AXIMUM BIKE & RIDER WEIGHT	120kg	145kg	135Kg	120kg
PAINTING	Powder Painting Scratch Resistant	Powder Painting Scratch Resistant	Powder Painting Scratch Resistant	Powder Painting Scratch Resistant
	with Matte or Glossy Varnish	with Matte or Glossy Varnish	with Matte Varnish	with Matte or Glossy Varnish
		White Star with glossy varnish Happy		
COLOUR(s)	Black Suit with matte finish	Blue with matte finish Black Suit with	-	Black Fog with matte minish Moon
		matte finish Desert Sand with matte		Grey Gloss with glossy finish
		finish		
FRAME				
FRAME	Aluminium Low Step	Aluminium Low Step	MTB Hardtail Aluminium	Aluminium MTB Hardtail
TOUTE	Alaminani Eow Step		Rockshox 35S Air Travel 120mm Axle	Sr Suntour Raidon 34 Air Travel
SUSPENSION	-	-	Boost 110mm 27.5"/29"	130mm Boost 110mm 27,5''
	Digid Alloy 20"	Digid Alloy 20"	D003t 11011111 27.5 72.5	130mm Buost 110mm 27,3
FORK	Rigid Alloy 28"	Rigid Alloy 28"	-	-
HEADSET	FSA 1.5" to 1-1/8" Tapered SHIS	ACROS AZX-581 1.5" SHIS With	FSA 1.5" to 1-1/8" Tapered SHIS	FSA 1.5" to 1-1/8" Tapered SHIS
		Blocklock 150° Integrated Cables		
E-BIKE SYSTEM				
DRIVE UNIT	BROSE DRIVE C Horizontal 50Nm	SHIMANO Steps E6100 60Nm	BROSE DRIVE S MAG Horizontal 90Nm	BROSE DRIVE S ALU 90Nm
	504Wh 36V - Semi-Integrated on	504Wh 36V - Integrated on Downtube	522Wh 36V - Integrated on Downtube	
BATTERY	Downtube - Removable	- Removable	- Removable	Integrated on Downtube - Removab
				0
RANGE	40km to 100km	40km to 100km	40km to 100km	40km to 100km
BATTERY LOCK KEY	Yes	Yes	Yes	Yes
HARGER	4A - 4 to 5 hours total charge time	2A - 7 hours total charge time	4A - 3,6 hours total charge time	2A - 7 hours total charge time
DISPLAY	MARQUARDT Display	SHIMANO SC-E6100	BROSE Allround	BROSE Allround
COCKPIT				
HANDLEBAR	AL 660mm / 31.8mm (Curved)	AL 660mm / 31.8mm (Curved)	FSA V-Drive 740mm / 31.8mm	FSA V-Drive 740mm / 31.8mm
		· · · · ·	(Straight)	(Straight)
STEM	AL 90mm - 31.8mm - adjustable 0-	AL 90mm - adjustable 0-90° - with	FSA V-Drive 60mm/ 31.8mm / ±6°	FSA V-Drive 60mm/ 31.8mm / ±6°
51211	90°	integrated cables	134 1 54 0 54 0 54 0 14 1 1 2 0	13A V Brive commy Sterminy 10
GRIPS	ERGOTECH EG-AMBITION	ERGON GP1	ERGON GA30	ERGON GA30
WHEELSET				
TYRES	CONTINENTAL Ride Cruiser 28''x2,2''	CONTINENTAL Contact Urban	MAXXIS Rekon S - 27,5"x2,6" / M - L/XL-	5
		28"x2,2"	29''x2,4''	27,5"x2,6"
WHEEL SIZE	28"	28''	27,5" (S) / 29" (M-L/XL)	27,5"
RIMS	Alloy Double 25mm	Alloy Double Wall 25mm	Alloy Double Wall 30mm (Tubeless	Alloy Double Wall 25mm
	Andy Boasic Estimit	Anoy Boasic Wai Estimit	Ready)	Andy Boasic Wair Estimit
SPOKES	Black Stainless Steel	Black Stainless Steel	Black Stainless Steel	Black Stainless Steel
	SHIMANO HB-MT400 100 Thru-axle	SHIMANO HB-MT400 100 Thru-axle	SHIMANO HB-MT400-B Boost 110	SHIMANO HB-MT400-B Boost 110
FRONT HUB	15mm	15mm	Thru-axle 15mm	Thru-axle 15mm
			SHIMANO HB-MT400-B Boost 148	SHIMANO HB-MT400-B Boost 148
REAR HUB	SHIMANO NEXUS SG-C6001 135mm	SHIMANO Nexus SG-C6001-8D	Thru-axle 12mm	Thru-axle 12mm
DRIVETRAIN & BRAKES				
BRAKES	CLARKS Hydraulic M2	SHIMANO Hydraulic MT200	SHIMANO Hydraulic MT400	SHIMANO Hydraulic MT200
BRAKE ROTOR - Front	CL HJ-DXR1814 180mm	SHIMANO SM-RT10 180mm	SHIMANO SM-RT30 203mm	SHIMANO SM-RT10 180mm
BRAKE ROTOR - Rear	CL HJ-DXR1814 180mm	SHIMANO SM-RT10 180mm	SHIMANO SM-RT30 180mm	SHIMANO SM-RT10 180mm
REAR DERRAILEUR	-	-	SRAM NX 11S	SHIMANO Deore 10S
CASSETTE		_	SRAM Power Glid 1130 11-42	SHIMANO Deore 10S 11-42T
SHIFTERS	SHIMANO NEXUS 8	SHIMANO Nexus 8	SRAM NX 11S	SHIMANO Deore 10S
CHAINRING			MIDANDA Chain Flaur 2D DCD10/ 20T	SAMOX BCD 104 36T
CRANK	MIRANDA ChainFlow BCD 104 38T	SHIMANO SM-CRE61 38T	MIRANDA ChainFlow 3D BCD104 38T	
516 (11)	MIRANDA ChainFlow BCD 104 38T SAMOX Shape 175	SHIMANO SM-CRE61 38T SHIMANO FC-E6100 175mm	SAMOX Shape 170/0	SAMOX Shape 175/5
				SAMOX Shape 175/5 SHIMANO CN-E6090
CHAIN	SAMOX Shape 175 SHIMANO CN-NX10	SHIMANO FC-E6100 175mm SHIMANO CN-NX10	SAMOX Shape 170/0 KMC E11 Turbo e-bike series	
CHAIN CHAINGUARD	SAMOX Shape 175	SHIMANO FC-E6100 175mm	SAMOX Shape 170/0	SHIMANO CN-E6090
CHAIN CHAINGUARD SAFETY & ACESSORIES	SAMOX Shape 175 SHIMANO CN-NX10 Yes - HEBIE	SHIMANO FC-E6100 175mm SHIMANO CN-NX10 Yes - HEBIE	SAMOX Shape 170/0 KMC E11 Turbo e-bike series	SHIMANO CN-E6090 Yes - FSA
CHAIN CHAINGUARD SAFETY & ACESSORIES	SAMOX Shape 175 SHIMANO CN-NX10	SHIMANO FC-E6100 175mm SHIMANO CN-NX10	SAMOX Shape 170/0 KMC E11 Turbo e-bike series	SHIMANO CN-E6090
CHAIN CHAINGUARD SAFETY & ACESSORIES RACK	SAMOX Shape 175 SHIMANO CN-NX10 Yes - HEBIE	SHIMANO FC-E6100 175mm SHIMANO CN-NX10 Yes - HEBIE	SAMOX Shape 170/0 KMC E11 Turbo e-bike series Yes - FSA	SHIMANO CN-E6090 Yes - FSA
CHAIN CHAINGUARD SAFETY & ACESSORIES RACK RONT LIGHT	SAMOX Shape 175 SHIMANO CN-NXIO Yes - HEBIE ATRANVELO City 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	SAMOX Shape 170/0 KMC E11 Turbo e-bike series Yes - FSA	SHIMANO CN-E6090 Yes - FSA ATRANVELO Tour AVS (max.: 25Kg) AXA Blueline 30 with reflector
CHAIN CHAINGUARD SAFETY & ACESSORIES RACK RONT LIGHT REAR LIGHT	SAMOX Shape 175 SHIMANO CN-NXIO Yes - HEBIE ATRANVELO City AVS (max.: 25Kg) AXA Blueline 30 with reflector PICCADILY with reflector	SHIMANO FC-E6100 175mm SHIMANO CN-NX10 Yes - HEBIE ATRANVELO Tour AVS (max.: 25Kg) SPANNINGA Axendo 40 with reflector PICCADILLY with reflector	SAMOX Shape 170/0 KMC E11 Turbo e-bike series Yes - FSA - -	SHIMANO CN-E6090 Yes - FSA ATRANVELO Tour AVS (max.: 25Kg) AXA Blueline 30 with reflector AXA Slim with reflector
CHAIN CHAINGUARD SAFETY & ACESSORIES RACK FRONT LIGHT REAR LIGHT KICKSTAND	SAMOX Shape 175 SHIMANO CN-NX10 Yes - HEBIE ATRANVELO City AVS (max.: 25Kg) AXA Blueline 30 with reflector PICCADILY with reflector ATRANVELO Dux	SHIMANO FC-E6100 175mm SHIMANO CN-NX10 Yes - HEBIE ATRANVELO Tour AVS (max: 25Kg) SPANNINGA Axendo 40 with reflector PICCADILLY with reflector ATRANVELO Dux	SAMOX Shape 170/0 KMC E11 Turbo e-bike series Yes - FSA - - - -	SHIMANO CN-E6090 Yes - FSA ATRANVELO Tour AVS (max.: 25kg) AXA Blueline 30 with reflector AXA Slim with reflector ATRANVELO Dux
CHAIN CHAINGUARD SAFETY & ACESSORIES RACK FRONT LIGHT REAR LIGHT KICKSTAND MUDGUARD	SAMOX Shape 175 SHIMANO CN-NX10 Yes - HEBIE ATRANVELO City AVS (max.: 25Kg) AXA Blueline 30 with reflector PICCADILY 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	SAMOX Shape 170/0 KMC E11 Turbo e-bike series Yes - FSA - -	SHIMANO CN-E6090 Yes - FSA ATRANVELO Tour AVS (max.: 25Kg) AXA Blueline 30 with reflector AXA Slim with reflector
CHAIN CHAINGUARD SAFETY & ACESSORIES RACK FRONT LIGHT REAR LIGHT KICKSTAND MUDGUARD	SAMOX Shape 175 SHIMANO CN-NX10 Yes - HEBIE ATRANVELO City AVS (max.: 25Kg) AXA Blueline 30 with reflector PICCADILY with reflector ATRANVELO Dux	SHIMANO FC-E6100 175mm SHIMANO CN-NX10 Yes - HEBIE ATRANVELO Tour AVS (max: 25Kg) SPANNINGA Axendo 40 with reflector PICCADILLY with reflector ATRANVELO Dux	SAMOX Shape 170/0 KMC E11 Turbo e-bike series Yes - FSA - - - -	SHIMANO CN-E6090 Yes - FSA ATRANVELO Tour AVS (max.: 25Kg) AXA Blueline 30 with reflector AXA Slim with reflector ATRANVELO Dux
CHAIN CHAINGUARD SAFETY & ACESSORIES RACK FRONT LIGHT REAR LIGHT KICKSTAND MUDGUARD BELL	SAMOX Shape 175 SHIMANO CN-NX10 Yes - HEBIE ATRANVELO City AVS (max.: 25Kg) AXA Blueline 30 with reflector PICCADILY 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	SAMOX Shape 170/0 KMC E11 Turbo e-bike series Yes - FSA - - - -	SHIMANO CN-E6090 Yes - FSA ATRANVELO Tour AVS (max.: 25Kg) AXA Blueline 30 with reflector AXA Slim with reflector ATRANVELO Dux
CHAIN CHAINGUARD SAFETY & ACESSORIES RACK FRONT LIGHT REAR LIGHT KICKSTAND MUDGUARD BELL BOTTLE CAGE	SAMOX Shape 175 SHIMANO CN-NX10 Yes - HEBIE ATRANVELO City AVS (max.: 25Kg) AXA Blueline 30 with reflector PICCADILY 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.	SAMOX Shape 170/0 KMC E11 Turbo e-bike series Yes - FSA - - - - - - - - Not included. Sold separately.	SHIMANO CN-E6090 Yes - FSA ATRANVEL0 Tour AVS (max: 25Kg) AXA Blueline 30 with reflector AXA Slim with reflector ATRANVEL0 Dux SKS - Not included. Sold separately.
CHAIN CHAINGUARD SAFETY & ACESSORIES RACK FRONT LIGHT REAR LIGHT KICKSTAND MUDGUARD BELL BOTTLE CAGE	SAMOX Shape 175 SHIMANO CN-NX10 Yes - HEBIE ATRANVELO City AVS (max.: 25Kg) AXA Blueline 30 with reflector PICCADILY 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	SAMOX Shape 170/0 KMC E11 Turbo e-bike series Yes - FSA - - - - - - Not included. Sold separately. SELLE SAN MARCO X3 e-bike	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
CHAIN CHAINGUARD SAFETY & ACESSORIES RACK RONT LIGHT REAR LIGHT KICKSTAND MUDGUARD BELL BOTTLE CAGE SADDLE	SAMOX Shape 175 SHIMANO CN-NX10 Yes - HEBIE ATRANVELO City AVS (max.: 25Kg) AXA Blueline 30 with reflector PICCADILY 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.	SAMOX Shape 170/0 KMC E11 Turbo e-bike series Yes - FSA - - - - - - - Not included. Sold separately. SELLE SAN MARCO X3 e-bike FSA Gossamer 31.6mm / 350mm	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
CHAIN CHAINGUARD SAFETY & ACESSORIES RACK RONT LIGHT REAR LIGHT KICKSTAND MUDGUARD BELL BOTTLE CAGE SADDLE SEAT POST	SAMOX Shape 175 SHIMANO CN-NX10 Yes - HEBIE ATRANVELO City AVS (max.: 25Kg) AXA Blueline 30 with reflector PICCADILY with reflector ATRANVELO Dux SKS Yes Not included. Sold separately. SELLE ROYAL Rio Gel AL Black 350mm 27.2mm/15mm	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 AL Black 300mm 31,6mm/15mm	SAMOX Shape 170/0 KMC E11 Turbo e-bike series Yes - FSA - - - - - - - Not included. Sold separately. SELLE SAN MARCO X3 e-bike FSA Gossamer 31.6mm / 350mm /20mm	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
CHAIN CHAINGUARD SAFETY & ACESSORIES RACK FRONT LIGHT REAR LIGHT KICKSTAND MUDGUARD BELL BOTTLE CAGE SADDLE SEAT POST SEAT CLAMP	SAMOX Shape 175 SHIMANO CN-NX10 Yes - HEBIE ATRANVELO City AVS (max.: 25Kg) AXA Blueline 30 with reflector PICCADILY with reflector ATRANVELO Dux SKS Yes Not included. Sold separately. SELLE ROYAL Rio Gel AL Black 350mm 27.2mm/15mm Alloy black with quick release	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 AL Black 300mm 31,6mm/15mm Alloy black with quick release	SAMOX Shape 170/0 KMC E11 Turbo e-bike series Yes - FSA - - - - - - Not included. Sold separately. SELLE SAN MARCO X3 e-bike FSA Gossamer 31.6mm / 350mm /20mm	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
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