









	L Z,Z33	L 1,JJJ	L Z,Z 3 3	L 2,143
PRODUCT INFORMATION				
FRAME SIZES	M (44cm) - L (48cm)	-	S (44cm) - M (49cm) - L (54cm)	S-M (42cm) - L/XL (46cm)
WEIGHT	Approx. 25kg	Approx. 24 Kg	Approx. 28kg	Approx. 26Kg
MAXIMUM BIKE & RIDER WEIGHT	120kg	150kg	190Kg	135Kg
MAXIMOM BINE & RIDER 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 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	Moon Grey with matte finish   Desert Sand with matte finish	Hock Grey with matte finish   Dark Olive with matte finish   Emerald Green with glossy varnish	Black Fog with matte finish   Pure Red with matte finish   Rock Blue with matte finish
FRAME				
FRAME	Aluminium Low Step	Aluminium High Step	Low Step Aluminium	MTB Hardtail Aluminum
SUSPENSION	-	-	Sr Suntour Raindon 34 Air Travel 120mm Axle Boost 110mm 27,5"	Rockshox 35S Air Travel 120mm Axle Boost 110mm 27.5"/29"
FORK	Rigid Alloy 28"	Rigid Alloy 28"	-	-
HEADSET	Acros 1.5" to 1-1/8" Tapered SHIS	SHIS 1-1/8"	FSA 1.5" to 1-1/8" Tapered SHIS	FSA 1.5" to 1-1/8" Tapered SHIS
E-BIKE SYSTEM				
DRIVE UNIT	CLUMANIO STEDS FEOOD / ONIm	BAFANG H400B Rear Wheel 45Nm	DDOCE DDIVE C MAC Horizontal CONIm	BROSE DRIVE S MAG Horizontal 90Nm
DRIVE UNIT	SHIMANO STEPS E5000 40Nm			
BATTERY	418Wh 36V - Semi-integrated in downtube - Removable	360Wh 36V - Integrated on Downtube - Non Removable	522Wh 36V - Down Tube Integration - Removable	522Wh 36V - Integrated on Downtube - Removable
RANGE	40km to 100km	40km to 100km	40km to 100km	40km to 100km
BATTERY LOCK KEY	Yes	-	Yes	Yes
CHARGER	2A - 6 hours total charge time	2A - 5 hours total charge time	4A - 3 to 6 hours total charge time	4A - 3 to 6 hours total charge time
DISPLAY	SHIMANO SC-E6100	BAFANG DP.C11	BROSE Allround	Brose Allround
COCKPIT				
HANDLEBAR	AL 660mm / 31.8mm (Curved)	AL 660mm / 31.8mm (Straight)	AL 780mm / 31.8mm / Rise 20mm (Straight) FSA V-Drive 740mm / 31.8mm (Straight)	FSA V-Drive 740mm / 31.8mm (Straight)
STEM	AL 90mm - 31.8mm - adjustable 0- 90°	AL 100mm - 31.8mm - 7°	AL 50mm - 31.8mm - 0°	FSA V-Drive 60mm/ 31.8mm / ±6°
GRIPS	HERRMANS DD36	HERRMANS DD36 Ergonomic	ERGON GA30	ERGON GA30
WHEELSET		<u>5</u>		
		CONTINENTAL Dauble Fielder III	CONTINENTAL May note in Line	MANNIC Delices C. 27 Filip Cil. / M. I. /VI
TYRES	CONTINENTAL Ride Cruiser 28"x2,0"	CONTINENTAL Double Fighter III 29''x2,0''	CONTINENTAL Mountain king 27,5"x2,6" (Tubeless Ready)	MAXXIS Rekon S - 27,5"x2,6" / M - L/XL- 29"x2,4"
WHEELSIZE	28"	29"	27,5"	27,5" (S) / 29" (M-L/XL)
RIMS	Alloy Double Wall 25mm	Alloy Double Wall 25mm	Alloy Double Wall 30mm (Tubeless Ready)	Alloy Double Wall 30mm (Tubeless Ready)
SPOKES	Black Stainless Steel	Stainless Steel	Black Stainless Steel	Black Stainless Steel
FRONT HUB	SHIMANO HB-MT400 100 Thru-axle 15mm	SHIMANO HB-TX506 9x100mm QR	SHIMANO HB-MT400-B Boost 110 Thru-axle 15mm	SHIMANO HB-MT400-B Boost 110 Thru-axle 15mm
REAR HUB	SHIMANO FH-TX505 135mm	BAFANG H400B 135mm	SHIMANO Deore M6000 135mm	SHIMANO HB-MT400-B Boost 148 Thru-axle 12mm
DRIVETRAIN & BRAKES				THE GAR LETTIN
BRAKES	SHIMANO Hydraulic MT200	ALHONGA Hydraulic HJ-HT474	SHIMANO Hydraulic MT400	SHIMANO Hydraulic MT400
BRAKE ROTOR - Front	SHIMANO SM-RT 180mm	ALHONGA HJ-DXR1806 180MM	SHIMANO SM-RT30 203mm	SHIMANO SM-RT30 203mm
BRAKE ROTOR - Rear	SHIMANO SM-RT 160mm	ALHONGA HJ-DXR1806 180MM	SHIMANO SM-RT30 180mm	SHIMANO SM-RT30 180mm
REAR DERRAILEUR	SHIMANO Altus 9S	SHIMANO Altus 9S	SHIMANO Deore 11S	SRAM NX 11S
CASSETTE	SHIMANO Altus 9S 11-36T	SHIMANO Altus 9S 11-36T	SHIMANO Deore 11S 11-51T	SRAM Power Glid 1130 11-42
SHIFTERS	SHIMANO Altus 9S	SHIMANO Altus 9S	SHIMANO Deore 11S	SRAM NX 11S
CHAINRING				MIRANDA ChainFlow 3D BCD104 38T
CRANK	SHIMANO SN-CRE50 38T	MIRANDA ChainFlow BCD104 38T	MIRANDA ChainFlow 3D BCD104 38T	
	SHIMANO SN-CRE50 38T SHIMANO FC-F5010 - 175	MIRANDA ChainFlow BCD104 38T MIRANDA IIS 170	MIRANDA ChainFlow 3D BCD104 38T SAMOX Shane 170/0	
CHAIN	SHIMAN0 FC-E5010 - 175	MIRANDA JIS 170	SAMOX Shape 170/0	SAMOX Shape 170/0
CHAIN CHAINGUARD	SHIMANO FC-E5010 - 175 SHIMANO CN-H653	MIRANDA JIS 170 SHIMANO CN-HG53	SAMOX Shape 170/0 KMC E11 Turbo e-bike series	SAMOX Shape 170/0 KMC E11 Turbo e-bike series
CHAIN CHAINGUARD SAFETY & ACESSORIES	SHIMAN0 FC-E5010 - 175	MIRANDA JIS 170	SAMOX Shape 170/0	SAMOX Shape 170/0
CHAINGUARD SAFETY & ACESSORIES	SHIMANO FC-E5010 - 175 SHIMANO CN-HG53 Yes - SKS	MIRANDA JIS 170 SHIMANO CN-HG53 Yes - MIRANDA	SAMOX Shape 170/0 KMC E11 Turbo e-bike series Yes - FSA	SAMOX Shape 170/0 KMC E11 Turbo e-bike series Yes - FSA
CHAINGUARD SAFETY & ACESSORIES RACK	SHIMANO FC-E5010 - 175 SHIMANO CN-HG53 Yes - SKS  ATRANVELO Tour AVS (max.: 25Kg)	MIRANDA JIS 170 SHIMANO CN-HG53 Yes - MIRANDA ATRANVELO City AVS (max.: 25Kg)	SAMOX Shape 170/0 KMC E11 Turbo e-bike series Yes - FSA ATRANVELO Tour AVS (max: 25Kg)	SAMOX Shape 170/0 KMC E11 Turbo e-bike series Yes - FSA ATRANVELO Tour AVS (max.: 25Kg)
CHAINGUARD SAFETY & ACESSORIES RACK FRONT LIGHT	SHIMANO FC-E5010 - 175 SHIMANO CN-HG53 Yes - SKS  ATRANVELO Tour AVS (max.: 25Kg) AXA Blueline 30 with reflector	MIRANDA JIS 170 SHIMANO CN-HG53 Yes - MIRANDA  ATRANVELO City AVS (max.: 25Kg) AXA Ecoline 15 with reflector	SAMOX Shape 170/0 KMC E11 Turbo e-bike series Yes - FSA  ATRANVELO Tour AVS (max: 25Kg) SPANNINGA Axendo 40 with reflector	SAMOX Shape 170/0 KMC E11 Turbo e-bike series Yes - FSA  ATRANVELO Tour AVS (max.: 25Kg) SPANNINGA Axendo 40 with reflector
CHAINGUARD SAFETY & ACESSORIES RACK FRONT LIGHT REAR LIGHT	SHIMANO FC-E5010 - 175 SHIMANO CN-HG53 Yes - SKS  ATRANVELO Tour AVS (max.: 25Kg) AXA Blueline 30 with reflector PICCADILLY with reflector	MIRANDA JIS 170 SHIMANO CN-HG53 Yes - MIRANDA  ATRANVELO City AVS (max.: 25Kg) AXA Ecoline 15 with reflector AXA Slim with reflector	SAMOX Shape 170/0 KMC E11 Turbo e-bike series Yes - FSA  ATRANVELO Tour AVS (max.: 25Kg) SPANNINGA Axendo 40 with reflector PICCADILY with reflector	SAMOX Shape 170/0 KMC E11 Turbo e-bike series Yes - FSA  ATRANVELO Tour AVS (max.: 25Kg) SPANNINGA Axendo 40 with reflector PICCADILY with reflector
CHAINGUARD  SAFETY & ACESSORIES  RACK FRONT LIGHT REAR LIGHT KICKSTAND	SHIMANO FC-E5010 - 175 SHIMANO CN-HG53 Yes - SKS  ATRANVELO Tour AVS (max.: 25Kg) AXA Blueline 30 with reflector PICCADILLY with reflector ATRANVELO Dux	MIRANDA JIS 170 SHIMANO CN-HG53 Yes - MIRANDA  ATRANVELO City AVS (max.: 25Kg) AXA Ecoline 15 with reflector AXA Slim with reflector ATRANVELO Dux	SAMOX Shape 170/0 KMC E11 Turbo e-bike series Yes - FSA  ATRANVELO Tour AVS (max.: 25Kg) SPANNINGA Axendo 40 with reflector PICCADILY with reflector ATRANVELO Dux	SAMOX Shape 170/0 KMC E11 Turbo e-bike series Yes - FSA  ATRANVELO Tour AVS (max.: 25Kg) SPANNINGA Axendo 40 with reflector PICCADILY with reflector ATRANVELO Dux
CHAINGUARD  SAFETY & ACESSORIES  RACK FRONT LIGHT REAR LIGHT KICKSTAND MUDGUARD	SHIMANO FC-E5010 - 175 SHIMANO CN-HG53 Yes - SKS  ATRANVELO Tour AVS (max.: 25Kg) AXA Blueline 30 with reflector PICCADILLY with reflector ATRANVELO Dux SKS	MIRANDA JIS 170 SHIMANO CN-HG53 Yes - MIRANDA  ATRANVELO City AVS (max.: 25Kg) AXA Ecoline 15 with reflector AXA Slim with reflector	SAMOX Shape 170/0 KMC E11 Turbo e-bike series Yes - FSA  ATRANVELO Tour AVS (max.: 25Kg) SPANNINGA Axendo 40 with reflector PICCADILY with reflector ATRANVELO Dux SKS	SAMOX Shape 170/0 KMC E11 Turbo e-bike series Yes - FSA  ATRANVELO Tour AVS (max.: 25Kg) SPANNINGA Axendo 40 with reflector PICCADILY with reflector ATRANVELO Dux SKS
CHAINGUARD  SAFETY & ACESSORIES  RACK FRONT LIGHT REAR LIGHT KICKSTAND MUDGUARD BELL	SHIMANO FC-E5010 - 175 SHIMANO CN-HG53 Yes - SKS  ATRANVELO Tour AVS (max.: 25Kg) AXA Blueline 30 with reflector PICCADILLY with reflector ATRANVELO Dux SKS Yes	MIRANDA JIS 170 SHIMANO CN-HG53 Yes - MIRANDA  ATRANVELO City AVS (max.: 25Kg) AXA Ecoline 15 with reflector AXA Slim with reflector ATRANVELO Dux SKS -	SAMOX Shape 170/0 KMC E11 Turbo e-bike series Yes - FSA  ATRANVELO Tour AVS (max.: 25Kg) SPANNINGA Axendo 40 with reflector PICCADILY with reflector ATRANVELO Dux SKS Yes	SAMOX Shape 170/0 KMC E11 Turbo e-bike series Yes - FSA  ATRANVELO Tour AVS (max.: 25Kg) SPANNINGA Axendo 40 with reflector PICCADILY with reflector ATRANVELO Dux SKS Yes
CHAINGUARD  SAFETY & ACESSORIES  RACK  FRONT LIGHT  REAR LIGHT  KICKSTAND  MUDGUARD  BELL  BOTTLE CAGE	SHIMANO FC-E5010 - 175 SHIMANO CN-HG53 Yes - SKS  ATRANVELO Tour AVS (max.: 25Kg) AXA Blueline 30 with reflector PICCADILLY with reflector ATRANVELO Dux SKS Yes Not included. Frame not prepared.	MIRANDA JIS 170 SHIMANO CN-HG53 Yes - MIRANDA  ATRANVELO City AVS (max.: 25Kg) AXA Ecoline 15 with reflector AXA Slim with reflector ATRANVELO Dux SKS - Not included. Sold separately.	SAMOX Shape 170/0  KMC E11 Turbo e-bike series  Yes - FSA  ATRANVELO Tour AVS (max.: 25Kg)  SPANNINGA Axendo 40 with reflector  PICCADILY with reflector  ATRANVELO Dux  SKS  Yes  Not included. Sold separately.	SAMOX Shape 170/0  KMC E11 Turbo e-bike series  Yes - FSA  ATRANVELO Tour AVS (max.: 25Kg)  SPANNINGA Axendo 40 with reflector  PICCADILY with reflector  ATRANVELO Dux  SKS  Yes  Not included. Sold separately.
CHAINGUARD  SAFETY & ACESSORIES  RACK FRONT LIGHT REAR LIGHT KICKSTAND MUDGUARD BELL	SHIMANO FC-E5010 - 175 SHIMANO CN-HG53 Yes - SKS  ATRANVELO Tour AVS (max.: 25Kg) AXA Blueline 30 with reflector PICCADILLY with reflector ATRANVELO Dux SKS Yes	MIRANDA JIS 170 SHIMANO CN-HG53 Yes - MIRANDA  ATRANVELO City AVS (max.: 25Kg) AXA Ecoline 15 with reflector AXA Slim with reflector ATRANVELO Dux SKS -	SAMOX Shape 170/0 KMC E11 Turbo e-bike series Yes - FSA  ATRANVELO Tour AVS (max.: 25Kg) SPANNINGA Axendo 40 with reflector PICCADILY with reflector ATRANVELO Dux SKS Yes	SAMOX Shape 170/0  KMC E11 Turbo e-bike series  Yes - FSA  ATRANVELO Tour AVS (max.: 25Kg)  SPANNINGA Axendo 40 with reflector  PICCADILY with reflector  ATRANVELO Dux  SKS  Yes  Not included. Sold separately.  SELLE SAN MARCO X3 e-bike black
CHAINGUARD  SAFETY & ACESSORIES  RACK  FRONT LIGHT  REAR LIGHT  KICKSTAND  MUDGUARD  BELL  BOTTLE CAGE	SHIMANO FC-E5010 - 175 SHIMANO CN-HG53 Yes - SKS  ATRANVELO Tour AVS (max.: 25Kg) AXA Blueline 30 with reflector PICCADILLY with reflector ATRANVELO Dux SKS Yes Not included. Frame not prepared.	MIRANDA JIS 170 SHIMANO CN-HG53 Yes - MIRANDA  ATRANVELO City AVS (max.: 25Kg) AXA Ecoline 15 with reflector AXA Slim with reflector ATRANVELO Dux SKS - Not included. Sold separately.	SAMOX Shape 170/0  KMC E11 Turbo e-bike series  Yes - FSA  ATRANVELO Tour AVS (max.: 25Kg)  SPANNINGA Axendo 40 with reflector  PICCADILY with reflector  ATRANVELO Dux  SKS  Yes  Not included. Sold separately.	SAMOX Shape 170/0  KMC E11 Turbo e-bike series  Yes - FSA  ATRANVELO Tour AVS (max.: 25Kg)  SPANNINGA Axendo 40 with reflector  PICCADILY with reflector  ATRANVELO Dux  SKS  Yes  Not included. Sold separately.
CHAINGUARD  SAFETY & ACESSORIES  RACK  FRONT LIGHT  REAR LIGHT  KICKSTAND  MUDGUARD  BELL  BOTTLE CAGE  SADDLE	SHIMANO FC-E5010 - 175 SHIMANO CN-HG53 Yes - SKS  ATRANVELO Tour AVS (max.: 25Kg) AXA Blueline 30 with reflector PICCADILLY with reflector ATRANVELO Dux SKS Yes Not included. Frame not prepared. SELLE ROYAL Rio Gel	MIRANDA JIS 170 SHIMANO CN-HG53 Yes - MIRANDA  ATRANVELO City AVS (max.: 25Kg) AXA Ecoline 15 with reflector AXA Slim with reflector ATRANVELO Dux SKS - Not included. Sold separately. SELLE ROYAL Essenza Moderate Gel	SAMOX Shape 170/0  KMC E11 Turbo e-bike series  Yes - FSA  ATRANVELO Tour AVS (max.: 25Kg)  SPANNINGA Axendo 40 with reflector  PICCADILY with reflector  ATRANVELO Dux  SKS  Yes  Not included. Sold separately.  SELLE ROYAL Essenza Moderate Gel	SAMOX Shape 170/0 KMC E11 Turbo e-bike series Yes - FSA  ATRANVELO Tour AVS (max.: 25Kg) SPANNINGA Axendo 40 with reflector PICCADILY with reflector ATRANVELO Dux SKS Yes Not included. Sold separately. SELLE SAN MARCO X3 e-bike black FSA Gossamer 31.6mm / 350mm
CHAINGUARD  SAFETY & ACESSORIES  RACK FRONT LIGHT REAR LIGHT KICKSTAND MUDGUARD BELL BOTTLE CAGE SADDLE  SEAT POST	SHIMANO FC-E5010 - 175 SHIMANO CN-HG53 Yes - SKS  ATRANVELO Tour AVS (max.: 25Kg) AXA Blueline 30 with reflector PICCADILLY with reflector ATRANVELO Dux SKS Yes Not included. Frame not prepared. SELLE ROYAL Rio Gel AL Black 350mm 30,9mm/15mm	MIRANDA JIS 170 SHIMANO CN-HG53 Yes - MIRANDA  ATRANVELO City AVS (max.: 25Kg) AXA Ecoline 15 with reflector AXA Slim with reflector ATRANVELO Dux SKS - Not included. Sold separately. SELLE ROYAL Essenza Moderate Gel AL Black 300mm 31,6mm/15mm	SAMOX Shape 170/0 KMC E11 Turbo e-bike series Yes - FSA  ATRANVELO Tour AVS (max.: 25Kg) SPANNINGA Axendo 40 with reflector PICCADILY with reflector ATRANVELO Dux SKS Yes Not included. Sold separately. SELLE ROYAL Essenza Moderate Gel AL Black 350mm 31,6mm/15mm	SAMOX Shape 170/0 KMC E11 Turbo e-bike series Yes - FSA  ATRANVELO Tour AVS (max.: 25Kg) SPANNINGA Axendo 40 with reflector PICCADILY with reflector ATRANVELO Dux SKS Yes Not included. Sold separately. SELLE SAN MARCO X3 e-bike black FSA Gossamer 31.6mm / 350mm /20mm

<sup>\*</sup> We reserve the right to modify product information that appears on this website without prior notice, including equipment, specifications, models, colors and materials.