









ROBER   ROBE		L Z,433	L 1,545	L 0	L Z,Z 33
	PRODUCT INFORMATION				
MORNEL BORDE POLICIES**   2009   20	FRAME SIZES	S (42cm) - M (46cm) - L (50cm)	M (50cm)	M (50cm) - L (56cm)	S (44cm) - M (49cm) - L (54cm)
Model	WEIGHT	Approx. 26ka	Approx. 27 Kg		Approx. 28ka
Process Faming Scratch Feedbard   Process Faming					- '
Willing   Will				120119	
PRAME	PAINTING	9	9	-	with Matte or Glossy Varnish
PAME   MISSEATEM   Machine Plate of the Machine   Machine High Step   Automation High Step   Spirit Misseatem   Pame Nove 110mm 757   Spirit Misseatem   Spirit Mis	COLOUR(s)		Black Suit with Matte Finish	Blue with matte finish   Black Suit with	Olive with matte finish   Emerald Green
September   Sept	FRAME				
200mm   200m	FRAME	MTB Hardtail Aluminium	Aluminium High Step	Aluminium High Step	Low Step Aluminium
MAINSTEAM   No. 15 to 1-10** Tapered Sets   SA 1.5** to 1-10** Tapered S	SUSPENSION		Sr SUNTOUR Mobie E25 Air 75mm	-	
BRISE SYSTEM	FORK	-	-	Rigid Alloy 28"	-
Section   Sect	HEADSET	FSA 1.5" to 1-1/8" Tapered SHIS	FSA 1.5" to 1-1/8" Tapered SHIS	FSA 1.5" to 1-1/8" Tapered SHIS	FSA 1.5" to 1-1/8" Tapered SHIS
Section   Sect	E-BIKE SYSTEM				
Section   Sect	DRIVE LINIT	BROSE DRIVE S ALLI 90Nm	BROSE DRIVE'S ALLI 90Nm	BROSE DRIVE'S ALLI 90Nm	BROSE DRIVE S MAG Horizontal 90Nm
Mac	BATTERY			3	<u> </u>
CHAMBER	RANGE	40km to 100km	40km to 100km	40km to 100km	40km to 100km
DISPLAY   BROSE Allround   BROSE Allro	BATTERY LOCK KEY	Yes	Yes	Yes	Yes
MANDIERAR	CHARGER	2A - 7 hours total charge time	4A - 3 to 6 hours total charge time	4A - 3 to 6 hours total charge time	4A - 3 to 6 hours total charge time
MANDERAR   PSA V-Drive Z-Bornn / 318mm   S18mm   S18	DISPLAY	BROSE Allround	BROSE Allround	BROSE Allround	BROSE Allround
A. HanDLEBAR					
STEM			AL 660mm / 31.8mm (Straight)	AL 680mm / 31.8mm (Straight)	(Straight) FSA V-Drive 740mm /
### WHEELST  ### WHEELST  ### CONTINENTAL Mountain King 27/5 × 26	STEM	FSA V-Drive 60mm/ 31.8mm / ±6°			
WHEELSET         CONTINENTAL Mountain King 275 x2 c²         275 x	GRIPS	FRGON GA30			FRGON GA30
CONTINENTAL Mauntain King   275 % 26"   29" × 20"   25" × 20" × 20"   25" × 20"   25" × 20"   25" × 20"   25" × 20" × 20"   25" × 20" ×		ENOUN ONSO	Encon on So	ERRORY OF EST	ENCON CASC
YMEEL SIZE	WITELESET	001/71/71/71/71	00017101510711 0 11 5' 11 11		CONTRICT IN A CONTRICT IN
RIMS Alloy Double Wall 25mm Black Stainless Steel Stim Alloy Double Wall 25mm Stim Alloy Doub	TYRES	27,5"x2,6"	29"x2,0"	29"x2,0"	
Properties   Black Stainless Steel   Black Stainless	WHEEL SIZE	27,5"	29"	29"	,
FRONT HUB	RIMS	Alloy Double Wall 25mm	Alloy Double Wall 25mm	Alloy Double Wall 25mm	
FRUNT FILDS	SPOKES	Black Stainless Steel	Black Stainless Steel	Black Stainless Steel	Black Stainless Steel
DRIVETRAIN & BRAKES  BRAKES SHIMANO Hydraulic MT200 SHIMANO SM-RT10 180mm SHIMANO DE-REPORT SH	FRONT HUB				
BRAKES SHIMANO Hydraulic MT200 SHIMANO Hydraulic MT200 SHIMANO Hydraulic MT200 SHIMANO Hydraulic MT200 SHIMANO SM-RT30 180mm SHIMANO Deore 105 SHIMANO Deore	REAR HUB		SHIMANO Deore M6000 135mm	SHIMANO Deore M6000 135mm	SHIMANO Deore M6000 135mm
BRAKE ROTOR - Front SHIMANO SM-RT10 180mm SHIMANO SM-RT30 180mm SHIMANO Decre 10S SHIMANO Decr	DRIVETRAIN & BRAKES				
BRAKE ROTOR - Front SHIMANO SM-RT10 180mm SHIMANO SM-RT30 180mm SHIMANO Decre 10S SHIMANO Decr	BRAKES	SHIMANO Hydraulic MT200	SHIMANO Hydraulic MT200	SHIMANO Hydraulic MT200	SHIMANO Hydraulic MT400
BRAKE ROTOR - Rear SHIMANO SM-RT10 180mm SHIMANO SM-RT10 180mm SHIMANO SM-RT30 180mm REAR DERRAILEUR SHIMANO Deore 10S SHIMANO Deore 10S SHIMANO Deore 10S SHIMANO Deore 10S SHIMANO Deore 11S SHIMANO Deore 10S 11-42T SHIMANO Deore 10S 11-42T SHIMANO Deore 10S 11-42T SHIMANO Deore 10S 11-42T SHIMANO Deore 11S SHIFERS SHIMANO Deore 10S SHIMANO Deore 10S SHIMANO Deore 11S SHIMANO Deore 10S SHIMANO Deore 10S SHIMANO Deore 10S SHIMANO Deore 10S SHIMANO Deore 11S SHIMANO Deore 10S SHIMANO Deore 10S SHIMANO Deore 10S SHIMANO Deore 11S SHIMANO Deore 10S SHIMANO Deore 10S SHIMANO Deore 11S SHIMANO Deore 10S SHIMANO Deore 10S SHIMANO Deore 11S SHIMANO Deore 10S S	BRAKE ROTOR - Front	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	,	· · · · · · · · · · · · · · · · · · ·
REAR DERRAILEUR  SHIMANO Deore 10S  SHIMANO Deore 10S  SHIMANO Deore 10S  SHIMANO Deore 10S 11-42T  SHIMANO Deore 10S  SAMOX Shape 1760  SAMOX Shape 1760  SAMOX Shape 1760  SAMOX Shape 1760  SAMOX Shape 1750  SAMOX Sh		SHIMANO SM-RT10 180mm			
CASSETTE SHIMANO Deore 10S 11-42T SHIMANO Deore 10S 11-42T SHIMANO Deore 10S 11-42T SHIMANO Deore 11S 11-51T SHIFTERS SHIMANO Deore 10S SHIMANO Deore 10S SHIMANO Deore 10S SHIMANO Deore 11S CHAINRING SAMOX SED 104 36T SAMOX SED 104 36T SAMOX SED 104 36T MIRANDA ChainFlow 3D BCD104 38T CRANK SAMOX Shape 175/5 SAMOX Shape 175/0 SAMOX Sh					
SHIFTERS SHIMANO Deore 10S SHIMANO Deore 10S SHIMANO Deore 10S SHIMANO Deore 11S CHAINRING SAMOX BCD 104 36T SAMOX BCD 104 36T SAMOX BCD 104 36T MIRANDA ChainFlow 3D BCD104 3BT CRANK SAMOX Shape 175/5 SAMOX Shape 175/0 SAMOX Shape 175/0 SAMOX Shape 170/0 CHAIN SHIMANO CN-E6090 SHIMANO CN-E6090 10S E-Bike SHIMANO CN-E6090 KMC E11 Turbo e-bike series CHAINGUARD Yes - FSA Yes - FSA Yes - FSA  SAFETY & ACESSORIES  RACK - ATRANVELO Tour AVS (max.: 25Kg) ATRANVELO Tour AVS (max.: 25Kg) ATRANVELO Tour AVS (max.: 25Kg) FRONT LIGHT - AXA Blueline 30 with reflector REAR LIGHT - AXA Slim with reflector RICKSTAND - ATRANVELO Dux ATRANVELO Dux ATRANVELO Dux ATRANVELO Dux MUDGUARD - SKS BELL Yes Yes Yes BOTTLE CAGE Not included. Sold separately. Not included. Sold separately. SADDLE SELLE ROYAL Shadow SELLE ROYAL Essenza Moderate Gel SEAT POST PSA Gossamer 350mm 31.6mm / 20mm / 20mm SEAT CLAMP Alloy black with quick release PEDALS Union SP-21600 Flat with reflectors UNION SP-827 Flat with re					
CHAINRING SAMOX BCD 104 36T SAMOX BCD 104 36T SAMOX BCD 104 36T MIRANDA ChainFlow 3D BCD 104 38T CRANK SAMOX Shape 175/5 SAMOX Shape 175/0 SAMOX Shape 175/0 SAMOX Shape 175/0 SAMOX Shape 170/0 CHAIN SHIMANO CN-E6090 SHIMANO CN-E6090 10S E-Bike SHIMANO CN-E6090 KMC E11 Turbo e-bike series CHAINGUARD Yes - FSA  SAFETY & ACESSORIES  RACK - ATRANVELO Tour AVS (max: 25Kg) ATRANVELO Tour AVS (max: 25Kg) ATRANVELO Tour AVS (max: 25Kg) FRONT LIGHT - AXA Blueline 30 with reflector AXA Blueline 30 with reflector PICCADILLY with reflector PICCADILLY with reflector PICCADILLY with reflector PICCADILLY with reflector Dux ATRANVELO Dux ATRANVEL					
CRANK SAMOX Shape 175/5 SAMOX Shape 175/0 SAMOX Shape 175/0 SAMOX Shape 170/0 CHAIN SHIMANO CN-E6090 SHIMANO CN-E6090 10S E-Bike SHIMANO CN-E6090 KMC E11 Turbo e-bike series CHAINGUARD Yes - FSA Yes - FSA Yes - FSA  SAFETY & ACESSORIES  RACK - ATRANVELO Tour AVS (max.: 25Kg) ATRANVELO Tour AVS (max.: 25Kg) ATRANVELO Tour AVS (max.: 25Kg) FRONT LIGHT - AXA Blueline 30 with reflector AXA Blueline 30 with reflector SPANNINGA Axendo 40 with reflector REAR LIGHT - AXA Slim with reflector PICCADILLY with reflector PICCADILLY with reflector KICKSTAND - ATRANVELO Dux ATRANVELO Dux ATRANVELO Dux  MUDGUARD - SKS  BELL Yes Yes Yes Yes BOTTLE CAGE Not included. Sold separately. Not included. Sold separately. Not included. Sold separately.  SADDLE SELLE ROYAL Shadow SELLE ROYAL Essenza Moderate Gel SEAT POST SAGossamer 350mm 31.6mm / 20mm AL Black 350mm 31,6mm/15mm AL Black 350mm 31,6mm/15mm SEAT CLAMP Alloy black with quick release Alloy black with quick release Alloy black with quick release Alloy black with reflectors UNION SP-827 Flat with reflectors UNION SP-827 Flat with reflectors  Ves - FSA  Yes - FSA  Yes - FSA  Yes - FSA  YES - FSA  ATRANVELO Tour AVS (max.: 25Kg) AT					
CHAIN SHIMANO CN-E6090 SHIMANO CN-E6090 1OS E-Bike SHIMANO CN-E6090 KMC E11 Turbo e-bike series CHAINGUARD Yes - FSA Yes - FSA Yes - FSA Yes - FSA  SAFETY & ACESSORIES  RACK - ATRANVELO Tour AVS (max.: 25Kg) ATRANVELO Tour					
CHAINGUARD Yes - FSA  SAFETY & ACESSORIES  RACK - ATRANVELO Tour AVS (max.: 25Kg) ATRANVELO Tour AVS (max.:		<u> </u>		·	·
RACK - ATRANVELO Tour AVS (max.: 25Kg) ATRANVELO Tour AVS (max.: 25Kg) ATRANVELO Tour AVS (max.: 25Kg) FRONT LIGHT - AXA Blueline 30 with reflector AXA Blueline 30 with reflector PICCADILLY with reflector PICCADILLY with reflector PICCADILLY with reflector PICCADILLY with reflector ATRANVELO Dux					
RACK - ATRANVELO Tour AVS (max.: 25Kg) ATRANVELO Tour AVS (max.: 25Kg) ATRANVELO Tour AVS (max.: 25Kg) FRONT LIGHT - AXA Blueline 30 with reflector AXA Blueline 30 with reflector SPANNINGA Axendo 40 with reflector REAR LIGHT - AXA Slim with reflector PICCADILLY with reflector PICCADILLY with reflector KICKSTAND - ATRANVELO Dux ATRANVELO Dux ATRANVELO Dux MUDGUARD - SKS SKS BELL Yes Yes Yes Yes Yes BOTTLE CAGE Not included. Sold separately. Not included. Sold separately. Not included. Sold separately. SADDLE SELLE ROYAL Shadow SELLE ROYAL Essenza Moderate Gel SELLE ROYAL Essenza Moderate Gel SEAT POST SS Gossamer 350mm 31.6mm / 20mm AL Black 350mm 31,6mm/15mm AL Black 350mm 31,6mm/15mm AL Black 350mm 31,6mm/15mm SEAT CLAMP Alloy black with quick release Alloy black with quick release PEDALS Union SP-21600 Flat with reflectors UNION SP-827 Flat with reflectors  AXA Blueline 30 with reflector AXA Blueline 30 with reflector SPANNINGA Axendo 40 with reflectors  ATRANVELO Tour AVS (max.: 25Kg) ATRANVELO Tour AVA (max.: 25Kg) ATRANVELO Tour AVA (max.: 25Kg) ATRANVELO Tour AVA		165 - 1 3A	162 - 1 3A	les - I SA	ies - i SA
FRONT LIGHT - AXA Blueline 30 with reflector AXA Blueline 30 with reflector SPANNINGA Axendo 40 with reflector REAR LIGHT - AXA Slim with reflector PICCADILLY with reflector AXA Slim with reflector PICCADILLY with reflector SPANNINGA Axendo 40 with reflector SPANNINGA Axend			ATDANIVELO Tour AVC (many 251/2)	ATDANI/ELO Tour AVC (press 251/e)	ATDANIVELO Tour AVC (many 251/a)
REAR LIGHT - AXA Slim with reflector PICCADILLY with reflector PICCADILLY with reflector RICKSTAND - ATRANVELO Dux SKS SKS  BELL Yes Yes Yes Yes Yes Yes Yes Not included. Sold separately. Not included. Sold separately. Not included. Sold separately. SELLE ROYAL Essenza Moderate Gel SELLE ROYAL Essenza Moderate Gel SELLE ROYAL Essenza Moderate Gel SEAT POST SFA Gossamer 350mm 31.6mm AL Black 350mm 31,6mm/15mm SEAT CLAMP Alloy black with quick release Alloy black with quick release PEDALS Union SP-21600 Flat with reflectors UNION SP-827 Flat with reflectors UNION SP-827 Flat with reflectors UNION SP-827 Flat with reflectors					
KICKSTAND - ATRANVELO Dux ATRANVELO Dux ATRANVELO Dux  MUDGUARD - SKS SKS SKS  BELL Yes Yes Yes Yes Yes Yes  BOTTLE CAGE Not included. Sold separately. Not included. Sold separately. Not included. Sold separately.  SADDLE SELLE ROYAL Shadow SELLE ROYAL Essenza Moderate Gel SELLE ROYAL Essenza Moderate Gel  SEAT POST SA Gossamer 350mm 31.6mm / 120mm  SEAT CLAMP Alloy black with quick release Alloy black with quick release  PEDALS Union SP-21600 Flat with reflectors UNION SP-827 Flat with reflectors  DX SKS  SKS  SKS  SKS  SKS  SKS  SKS  SKS					
MUDGUARD - SKS SKS SKS  BELL Yes Yes Yes Yes Yes Yes  BOTTLE CAGE Not included. Sold separately. Not included. Sold separately. Not included. Sold separately. Not included. Sold separately.  SADDLE SELLE ROYAL Shadow SELLE ROYAL Essenza Moderate Gel SELLE ROYAL Essenza Moderate Gel  SEAT POST SFA Gossamer 350mm 31.6mm / 120mm  SEAT CLAMP Alloy black with quick release Alloy black with quick release Alloy black with quick release  PEDALS Union SP-21600 Flat with reflectors UNION SP-827 Flat with reflectors UNION SP-827 Flat with reflectors		-			
BELL     Yes     Yes     Yes     Yes       BOTTLE CAGE     Not included. Sold separately.     Not included. Sold separately.     Not included. Sold separately.     Not included. Sold separately.       SADDLE     SELLE ROYAL Shadow     SELLE ROYAL Essenza Moderate Gel     SELLE ROYAL Essenza Moderate Gel     SELLE ROYAL Essenza Moderate Gel       SEAT POST     FSA Gossamer 350mm 31.6mm / 20mm     AL Black 350mm 31,6mm/15mm     AL Black 350mm 31,6mm/15mm     AL Black 350mm 31,6mm/15mm       SEAT CLAMP     Alloy black with quick release     Alloy black with quick release     Alloy black with quick release     Alloy black with reflectors       PEDALS     Union SP-21600 Flat with reflectors     UNION SP-827 Flat with reflectors     UNION SP-827 Flat with reflectors		-			
BOTTLE CAGE Not included. Sold separately. Not included. Sold separately. Not included. Sold separately. Not included. Sold separately.  SADDLE SELLE ROYAL Shadow SELLE ROYAL Essenza Moderate Gel SE					
SADDLE SELLE ROYAL Shadow SELLE ROYAL Essenza Moderate Gel SELLE R					
FSA Gossamer 350mm 31.6mm AL Black 350mm 31,6mm/15mm AL Black 350mm 31,6mm/15mm AL Black 350mm 31,6mm/15mm AL Black 350mm 31,6mm/15mm  SEAT CLAMP Alloy black with quick release Alloy black with quick release Alloy black with quick release  PEDALS Union SP-21600 Flat with reflectors UNION SP-827 Flat with reflectors UNION SP-827 Flat with reflectors UNION SP-827 Flat with reflectors		· · · ·		· · · ·	· · ·
SEAT CLAMP Alloy black with quick release Alloy black with quick release Alloy black with quick release PEDALS Union SP-21600 Flat with reflectors UNION SP-827 Flat with reflectors	SADDLE		SELLE ROYAL Essenza Moderate Gel	SELLE ROYAL Essenza Moderate Gel	SELLE ROYAL Essenza Moderate Gel
PEDALS Union SP-21600 Flat with reflectors UNION SP-827 Flat with reflectors UNION SP-827 Flat with reflectors UNION SP-827 Flat with reflectors	SEAT POST		AL Black 350mm 31,6mm/15mm	AL Black 350mm 31,6mm/15mm	AL Black 350mm 31,6mm/15mm
	SEAT CLAMP	Alloy black with quick release	Alloy black with quick release	Alloy black with quick release	Alloy black with quick release
FRAMELOCK Not included. Sold separately. Not included. Sold separately. Not included. Sold separately. AXA Imenso Large	PEDALS	Union SP-21600 Flat with reflectors	UNION SP-827 Flat with reflectors	UNION SP-827 Flat with reflectors	UNION SP-827 Flat with reflectors
	FRAMELOCK	Not included. Sold separately.	Not included. Sold separately.	Not included. Sold separately.	AXA Imenso Large

<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.