









	PRODUCT INFORMATION				
Manual No. Page P	FRAME SIZES	M (19cm) - L (20,5cm)	S (46cm) - M (52cm) - L (56cm)	S (45cm) - M (50cm) - L (55cm)	S (42cm) - M (46cm) - L (50cm)
Manufacture	WEIGHT	Approx. 25kg	Approx. 24kg	Approx. 28kg	Approx. 28kg
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With State Wit		12.3.lig	*		
### PATH NOT THE P	PAINTING	-		with Matte or Glossy Varnish	9
REPRESENCE Automition High Stage Automition Leaf Stage Automition Leaf Stage Automition Leaf Stage Supervision Supervision Automition Leaf Stage Supervision Automition Leaf Stage	COLOUR(s)	Blue with matte finish Black Suit with	•	Blue with matte finish Black Suit with	
Part	FRAME				
Rigid Alloy 267 Rigid Alloy 267 Rigid Alloy 267 PALS** P	FRAME	Aluminium High Step	Aluminium Low Step	Aluminium Low Step	Aluminium MTB Hardtail
March Signit Navy 241 ARROS 17 to 1 1911 Separed SHIS SHIS 1 1961 PEA 17 to 1 1911 Tapered SHIS FAB 17 to 1 1911 T	SUSPENSION	-	-	-	
BAREAN STREM	FORK	Rigid Alloy 28"	Rigid Alloy 28"	Rigid Alloy 28"	-
DRIVE LINET	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
Month Michael Michae	E-BIKE SYSTEM				
AND Part P	DRIVE UNIT	·	BAFANG H400B Rear Wheel 45Nm	BROSE DRIVE C ALU 50Nm	BROSE DRIVE S ALU 90Nm
RANGE Allern to 2004em	BATTERY	418Wh 36V - Semi-integrated on	9		
Part	DANIOS				
CHARGER 2.4 - 6 hours total charge time 2.4 - 5 hours total charge time 2.4 - 7 hours total charge t			40km to 100km		
DEPART SHIMANO ESODO BAFANG DPCCI BROSE Allocund BROSE Allocund BROSE Allocund COCKPIT			-		
CONTINENTAL Contact Cruiser Continental Continenta	CHARGER	2A - 6 hours total charge time	2A - 5 hours total charge time		
MANDILEBAR AL BOSIMM 31 Bmm (Straight) AL BOSIMM 31 Bmm (Curved) SPA V-Orine 73 Bmm (Curved) SPA V-Orine 74 Bmm (Straight) SPA V-Orine 50mm 31 Bmm Curved) SPA V-Orine 50mm 31 Bmm Curved) SPA V-Orine 50mm 31 Bmm 25° SPC	DISPLAY	SHIMANO E5000	BAFANG DP.C11	BROSE Allround	BROSE Allround
AL SOMMIN 3 LEGAMEN	COCKPIT				
AL 90mm - 31.8mm - adjustable 0	HANDLEBAR	AL 660mm / 31.8mm (Straight)	AL 660mm / 31.8mm (Curved)	AL 660mm / 31.8mm (Curved)	
### WHEELST ***TYRES*** ***CONTINENTAL Double Fighter** ***CONTINENTAL Double Fighter** ***SPYZO"** ***CONTINENTAL Contact Cruiser** ***CONTINENTAL Contact Cruiser** ***CONTINENTAL Contact Cruiser** ***Z9**Z0"** ***Z9**Z2"** ***Z9**Z2"* **Z9**Z2"* ***Z9**Z2"* ***Z9**Z2**Z2"* ***Z9**Z2**Z2**Z2**Z2**Z2**Z2**Z2**Z2**Z	STEM				
WHEELST CONTINENTAL Double Fighter CONTINENTAL Contact Cruiser Allow Contact Cruiser Allow Contact Contact Cruiser <t< td=""><td>CDIDS</td><td></td><td></td><td></td><td>EDGUN GV3U</td></t<>	CDIDS				EDGUN GV3U
TYPES CONTINENTAL Double Fighter 29'*20' 28'*20' 28'*20' 28'*20' 275'26'		TIERRIMANS DESC ETGOTOTTIC	TIERRIMANS DDS0 EIGONOTHE	LROON OF 1	EROUN DASO
VERTEX 29" 28" x 20" 28" x 20" 28" x 20" 275 x 26"	WIILLESLI	20171151711 2 11 5 11			0017115171111
RIMS	TYRES				9
Stainless Steel Black	WHEEL SIZE	29''	28"	28"	27,5"
SHIMANO HB-MT400 100 Thru-axile SHIMANO HB-MT400 100 Thru-axile SHIMANO HB-MT400-B Boost 110 SHIMANO HB-MT400-B Boost 148 SHIMANO HB-MT400-B Boost 148 SHIMANO HB-MT400-B Boost 148 SHIMANO HB-MT400-B Boost 148 Thru-axile SHIMANO SH-MT10 Boomm SHIMANO SM-MT10 Boomm SHIMANO Boomm SHIMANO SM-MT10 Boomm SHIMANO SM-MT10 Boomm SHIMANO Altus 95 SHIMANO Altus 95 SHIMANO Rotus 8 SHIMANO Doore 105 SHIMANO Booms SHIMANO Altus 95 SHIMANO Altus 95 SHIMANO Rotus 8 SHIMANO Booms SHIMANO Booms SHIMANO Booms SHIMANO SM-MT10 Boomm SHIMANO Booms SHIMANO Booms SHIMANO Booms SHIMANO Booms SHIMANO	RIMS	Alloy Double Wall 25mm	Alloy Double Wall 25mm	Alloy Double Wall 25mm	Alloy Double Wall 25mm
REAR HUB SHIMANO FH-TX505 135mm BAFANG H400B 135mm SHIMANO Nexus SG-C6001-8D SHIMANO HB-MT400-B Boost 148 brut-ade 12mm DRIVETRAIN & BRAKES BRAKES SHIMANO Hydraulic MT200 ALHONGA Hydraulic HJ-HT474 SHIMANO SM-RT10 180mm SHIMANO SM-RT10 180mm ALHONGA HJ-DXT806 180MM SHIMANO SM-RT10 18	SPOKES	Stainless Steel Black	Stainless Steel	Black Stainless Steel	Black Stainless Steel
DRIVETRAIN & BRAKES SHIMANO Hydraulic MT200 ALHONGA Hydraulic HJ-HT474 SHIMANO Hydraulic MT200 SHIMANO SH-RT10 180mm ALHONGA HJ-DXR1806 180MM SHIMANO SM-RT10 180mm SHIMANO SM-RT10 180mm ALHONGA HJ-DXR1806 180MM SHIMANO SM-RT10 180mm SHIMANO SM-RT10 180mm BRAKE ROTOR - Rear SHIMANO AITUS 9S SHIMANO CHEEO 3S T CHAINRING SHIMANO SM-CRESO 3ST MIRANDA ChainFlow BCD104 3ST MIRANDA BICD104 3ST SAMOX Shape 175/5 CHAINRING SHIMANO CN-H653 SHIMANO CN-H663 S	FRONT HUB		SHIMANO HB-TX506 9x100mm QR		
BRAKE S SHIMANO Hydraulic MT200 ALHONGA Hydraulic HJ-HT474 SHIMANO Hydraulic MT200 SHIMANO Hydraulic MT200 BRAKE ROTOR - Front SHIMANO SM-RT10 180mm ALHONGA HyDra1806 180MM SHIMANO SM-RT10 180mm SHIMANO SM-RT10 180mm BRAKE ROTOR - Rear SHIMANO SM-RT10 180mm ALHONGA HyDra1806 180MM SHIMANO SM-RT10 180mm SHIMANO SM-RT10 180mm BRAKE ROTOR - Rear SHIMANO ALTUS 9S - SHIMANO BM-RT10 180mm SHIMANO Deore 10S CASSETTE SHIMANO ALTUS 9S S	REAR HUB	SHIMANO FH-TX505 135mm	BAFANG H400B 135mm	SHIMANO Nexus SG-C6001-8D	
BRAKES SHIMANO Hydraulic MT200 ALHONGA HyDraulic HJ-HT474 SHIMANO Hydraulic MT200 SHIMANO Hydraulic MT200 BRAKE ROTOR - Front SHIMANO SM-RT10 180mm ALHONGA Hy-DXR1806 180MM SHIMANO SM-RT10 180mm SHIMANO ALTUS 9S SH	DRIVETRAIN & BRAKES				THIR GAIC ELTHIN
BRAKE ROTOR - Front SHIMANO SM-RT10 180mm ALHONGA HJ-DXR1806 180MM SHIMANO SM-RT10 180mm SHIMANO SM-RT10 180mm BRAKE ROTOR - Rear SHIMANO ALTUS 9S SHIMANO ALTUS 9S - SHIMANO ALTUS 9S - SHIMANO Decre 10S CASSETTE SHIMANO ALTUS 9S SHIMANO ALTUS 9S SHIMANO ALTUS 9S SHIMANO DEcre 10S CHAINRING SHIMANO ALTUS 9S SHIMANO ALTUS 9S SHIMANO ALTUS 9S SHIMANO DECRE 10S CHAINRING SHIMANO ALTUS 9S SHIMANO ALTUS 9S SHIMANO ALTUS 9S SHIMANO DECRE 10S CHAINRING SHIMANO CHCE5010 - 175 MIRANDA ChainFlow BCD104 38T MIRANDA BCD 104 38T SAMOX BCD 104 36T CRANK SHIMANO CHC-165010 - 175 MIRANDA IS 170 SAMOX Shape 175/0 SAMOX Shape 175/5 CHAINRING SHIMANO CHC-16503 SHIM		SHIMANO Hydraulic MT200	ALHONGA Hydraulic H I-HT/47/4	SHIMANO Hydraulic MT200	SHIMANO Hydraulic MT200
BRAKE ROTOR - Rear SHIMANO SM-RT10 180mm ALHONGA HJ-DXR1806 180MM SHIMANO SM-RT10 180mm SHIMANO SM-RT10 180mm REAR DERRAILEUR SHIMANO LATUS 9S SHIMANO Altus 9S 1-36T SHIMANO Altus 9S 11-36T SHIMANO Altus 9S 11-36T SHIMANO Altus 9S SHIMANO Bore 10S 11-42T SHIMANO BORE SHIMANO Altus 9S SHIMANO BORE SHIMANO BORE SHIMANO BORE SHIMANO SM-CRE50 38T MIRANDA ChainFlow BCD104 38T MIRANDA BCD 104 38T SAMOX BCD 104 36T CRANK SHIMANO FC-E5010 -175 MIRANDA JIS 170 SAMOX Shape 175/0 SAMOX Shape 175/5 SHIMANO CN-H653 SHIMANO CN-H65		· · · · · · · · · · · · · · · · · · ·		·	·
REAR DERRAILEUR SHIMANO ALTUS 9S SHIMANO Nexus 8 SHIMANO Decre 10S SHIMANO CHAIRS SHIMANO Altus 9S SHIMANO Nexus 8 SHIMANO Decre 10S SHIMANO CHAIRS SHIMANO CHAIRS SHIMANO Nexus 8 SHIMANO Decre 10S SHIMANO CHAIRS SHIMA					
SHIMANO Altus 9S 11-36T SHIMANO Altus 9S 11-36T - SHIMANO Altus 9S 11-36T - SHIMANO Nexus 8 SHIMANO Deore 10S 11-42T SHIFTERS SHIMANO Altus 9S SHIMANO Nexus 8 SHIMANO Deore 10S CHAINRING SHIMANO SM-CRE50 38T MIRANDA ChainFlow BCD104 38T MRANDA BCD 104 38T SAMOX BCD 104 36T SAMOX Shape 175/0 SAMOX Shape 175/5 SAMOX Shape 175/5 SAMOX Shape 175/5 SHIMANO CN-H653 SHIMANO CN-H653 SHIMANO CN-H653 SHIMANO CN-NX10 SHIMANO CN-E6090 Yes - SKIMANO CN-H653 Yes - HEBIE Yes - FSA SAFETY & ACESSORIES SAFETY & ACESSORIES RACK ATRANVELO Tour AVS (max: 25Kg) ATRANVELO City AVS (max: 25Kg) ATRANVELO Tour AVS (max: 25kg) ATRANVELO					
SHIMANO ALTUS 9S SHIMANO ALTUS 9S SHIMANO Altus 9S SHIMANO Nexus 8 SHIMANO Decre 10S CHAINRING SHIMANO SM-CRE50 38T MIRANDA ChainFlow BCD104 38T MIRANDA BCD 104 38T SAMOX BCD 104 36T CRANK SHIMANO FC-E5010 - 175 MIRANDA IS 170 SAMOX Shape 175/0 SAMOX Shape 175/5 CHAIN SHIMANO CN-H653 SHIMANO CN-H653 SHIMANO CN-H653 SHIMANO CN-H053 S				-	
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CRANK SHIMANO FC-E5010 - 175 MIRANDA JIS 170 SAMOX Shape 175/0 SAMOX Shape 175/5 CHAIN SHIMANO CN-HG53 SHIMANO CN-HG53 SHIMANO CN-HG53 SHIMANO CN-HG690 CHAINGUARD Yes - SHIMANO Yes - SKS Yes - HEBIE Yes - FSA SAFETY & ACESSORIES RACK ATRANVELO Tour AVS (max.: 25Kg) ATRANVELO City AVS (max.: 25Kg) ATRANVELO Tour AVS					
CHAIN SHIMANO CN-HG53 SHIMANO CN-HG53 SHIMANO CN-HG53 SHIMANO CN-E6090 CHAINGUARD Yes - SHIMANO Yes - SKS Yes - HEBIE Yes - FSA SAFETY & ACESSORIES RACK ATRANVELO Tour AVS (max.: 25Kg) ATRANVELO City AVS (max.: 25Kg) ATRANVELO Tour					
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SAFETY & ACESSORIES RACK ATRANVELO Tour AVS (max.: 25Kg) ATRANVELO City AVS (max.: 25Kg) ATRANVELO Tour AVS (max.: 25Kg) AVA Blueline 30 with reflector AVA Blueline 30 with		SHIMANO CN-HG53	SHIMANO CN-HG53		
RACK ATRANVELO Tour AVS (max.: 25Kg) ATRANVELO City AVS (max.: 25Kg) ATRANVELO Tour AVS (max.: 25Kg) ATRANVELO Tour AVS (max.: 25Kg) FRONT LIGHT AXA Blueline 30 with reflector AXA Ecoline 15 with reflector AXA Blueline 30 with reflector AXA Blueline 30 with reflector REAR LIGHT PICCADILLY with reflector AXA Slim with reflector PICCADILLY with reflector AXA Slim with reflector KICKSTAND ATRANVELO Dux ATRANVELO Dux ATRANVELO Dux ATRANVELO Dux ATRANVELO Dux MUDGUARD SKS SKS SKS BELL Yes - Yes - Yes - Yes BOTTLE CAGE Not suplied. Frame prepared for standard Not included. Sold separately. SADDLE SELLE ROYAL Essenza Moderate Gel SELLE ROYAL Rio Gel SELLE ROYAL Shadow SEAT POST AL Black 350mm 30,9mm/15mm AL Black 300mm 31,6mm/15mm AL Black 350mm 31,6mm/15mm /20mm SEAT CLAMP Alloy black with quick release Alloy black with screw Alloy black with quick release Alloy black with reflectors Union SP-21600 Flat with reflectors	CHAINGUARD	Yes - SHIMANO	Yes - SKS	Yes - HEBIE	Yes - FSA
FRONT LIGHT AXA Blueline 30 with reflector AXA Ecoline 15 with reflector AXA Blueline 30 with reflector REAR LIGHT PICCADILLY with reflector AXA Slim with reflector PICCADILLY with reflector AXA Slim with reflector AXA Blueline 30 with reflector AXA Slim w	SAFETY & ACESSORIES				
FRONT LIGHT AXA Blueline 30 with reflector AXA Ecoline 15 with reflector AXA Blueline 30 with reflector REAR LIGHT PICCADILLY with reflector AXA Slim with reflector PICCADILLY with reflector AXA Slim with reflector AXA Blueline 30 with reflector AXA Slim w	RACK	ATRANVELO Tour AVS (max · 25Kg)	ATRANVELO City AVS (max : 25Kg)	ATRANVELO Tour AVS (max : 25Kg)	ATRANVELO Tour AVS (max : 25Kg)
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KICKSTAND ATRANVELO DUX ATRANVELO DUX ATRANVELO DUX ATRANVELO DUX MUDGUARD SKS SKS SKS BELL Yes - Yes - Yes - To A Tranvelo Both Included and Sold separately. BOTTLE CAGE Not suplied. Frame prepared for standard Not included. Sold separately. SADDLE SELLE ROYAL Essenza Moderate Gel SELLE ROYAL Rio Gel SELLE ROYAL Rio Gel SELLE ROYAL Rio Gel SELLE ROYAL Rio Gel SELLE ROYAL Shadow SEAT POST AL Black 350mm 30,9mm/15mm AL Black 300mm 31,6mm/15mm AL Black 350mm 31,6mm/15mm F/SA Gossamer 350mm 31.6mm/20mm SEAT CLAMP Alloy black with quick release Alloy black with screw Alloy black with quick release Alloy black with reflectors UNION SP-827 Flat with reflectors Union SP-21600 Flat with reflectors					
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BELL Yes - Yes - Yes - Not suplied. Frame prepared for standard Not included. Sold separately. Not included. Sold separately. Not included. Sold separately. SADDLE SELLE ROYAL Essenza Moderate Gel SELLE ROYAL Rio Gel SELLE ROYAL Rio Gel SELLE ROYAL Rio Gel SELLE ROYAL Rio Gel SELLE ROYAL Shadow SEAT POST AL Black 350mm 30,9mm/15mm AL Black 300mm 31,6mm/15mm AL Black 350mm 31,6mm/15mm FSA Gossamer 350mm 31.6mm /20mm SEAT CLAMP Alloy black with quick release Alloy black with screw UNION SP-827 Flat with reflectors Union SP-21600 Flat with reflectors					
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PEDALS UNION SP-827 with reflectors NECO with reflectors UNION SP-827 Flat with reflectors Union SP-21600 Flat with reflectors		<u> </u>			
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