

VR|46 E-MTB

LIMITED



SPECIFICATIONS

COMPONENT	BRAND	MODEL	DESCRIPTION
MOTOR	Bosh	Performance Line CX	The Performance Line CX ensures a unique EMTB experience: compact, light and more powerful, it combines high quality materials, extremely powerful traction and high-end sensors. In this way eMountain biking on the trail takes on a completely new dimension. Maximum torque of 85Nm Weight of only 2.9kg
BATTERY	Bosh	PowerTube	Integrated 750Wh battery that allows long distances.
DISPLAY	Bosh	Display Kiox 300	The Kiox cycle computer, in combination with the eBike connect App, offers you a driving experience with an intelligent eBike: perfect for ambitious athletes who want to be digitally connected and well informed even on the road.
FRONT WHEELS 29 "CHANNEL 30MM - CARBON	Crankbrothers	Synthesis Carbon e-Bike 29" Front 15x110 Boost	CRANKBROTHERS Synthesis E-mtb front and rear wheels are top-of-the range carbon wheels dedicated to bike riders who practice Enduro with pedal assisted bicycles. The wheels are optimized to the heavy loads required by E-MTBs. Weight of the pair 2110g

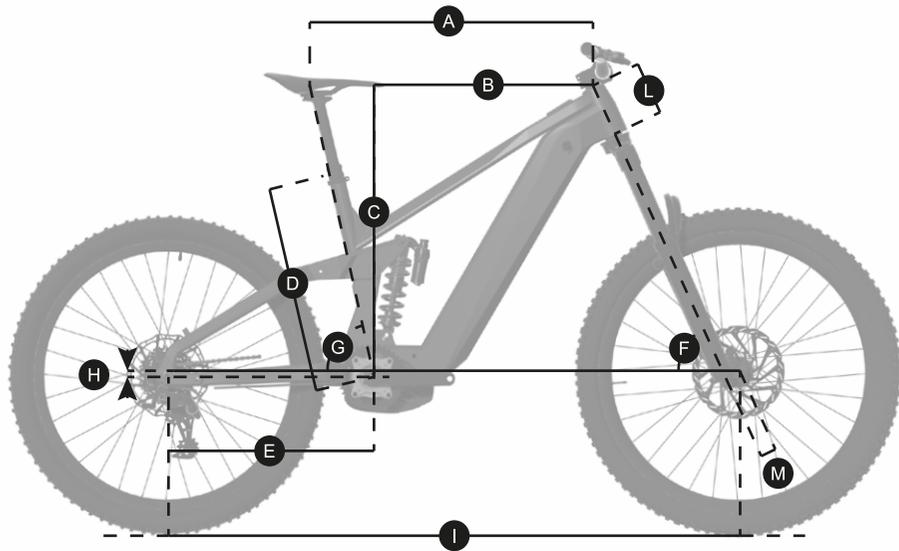
COMPONENT	BRAND	MODEL	DESCRIPTION
REAR WHEEL 27.5 "35MM CHANNEL - CARBON	Crankbrothers	Synthesis Carbon e-Bike 27,5" Rear 148x12 Boost XD	CRANKBROTHERS Synthesis E-mtb front and rear wheels are top-of-the range carbon wheels dedicated to bike riders who practice Enduro with pedal assisted bicycles. The wheels are optimized to the heavy loads required by E-MTBs. Weight of the pair 2110g
FRONT TIRES 29 "X 2.6	Pirelli	Scorpion™ Enduro S 29"	A high profile and widely spaced tread to penetrate and engrave on any type of soft ground. Suitable for demanding routes where the terrain is variable and grip and adherence are essential.
REAR TIRES 27.5 "X 2.6	Pirelli	Scorpion™ E-MTB S 27,5"	Pirelli's most aggressive model, dedicated to e-bikes and designed for those looking for downhill fun and uncompromising performance. Suitable for demanding routes where the terrain is variable and grip and adherence are essential.
MOUSSE	Technomousse	Red Poison EVO	The new space-saving section of the red poison evo translates into greater performance and protection, as evidenced by the feedback from the professional riders who first tested it: <ul style="list-style-type: none"> • Run-flat improved by 30%. • Rolling improved by 25%. • Cornering precision improved by 30% with a more linear driving feeling similar to that without inserts, especially as regards the front. • Use at very low pressures (up to 0.7 Bar). • Absolute rim protection. • Assembly time sped up by 20%
FORK	Ohlins	RXF 36 M2 AIR 160 OFFSET 44	The DH38 Race Fork TTX 18's proven damping system has been reworked to give optimum traction and control on Enduro trails and race tracks. The fork is fitted with the TTX18 cartridge, with a highly performing 18 mm piston that is sensitive to low speeds and small unevenness of the terrain. 15 CLICK REBOUND ADJUSTMENT 15 CLICK LOW SPEED COMPRESSION ADJUSTMENT 3 CLICK HIGH SPEED COMPRESSION ADJUSTMENT <ul style="list-style-type: none"> • TTX technology • Travel: 160mm • Independent spring system • Independent damping system • Recalibrated pneumatic spring system • Tube upper diameter of the: 36mm • Offset: 44mm • Maximum compatible tire sizes 29 × 2.8 • Adjusted for E-bikes • Race proven adjustment systems • General improvements to achieve friction reduction • Possibility of switching from coil to pneumatic spring
SHOCK ABSORBER	Ohlins	Ohlins TTX 22M 205x65 mm Trunnion	Low and high speed compression and rebound damping are externally adjustable. Spherical bearings are offered as an option on widths up to 22mm, reducing the friction on the shock absorber during lateral loads to improve sensitivity to small bumps. All shocks have stability mode. The third position on the high-speed adjuster increases compression by slowing movement during less technical climbs.
SPRING	Ohlins	Molla gialla	Incredibly light spring (290g) And very low tolerances (<1.5%.)
CARBON CRANKSET LEVER KIT	FSA	e-Bike CK-702/is armset 170 w/qr32	Carbon cranks specific for Bosch motor. The carbon structure ensures rigidity and maximum performance.
CHAINRING	FSA	Steel Chainring 1x 104x34T	Megatooth steel chainring
HEADSET	FSA	HS NO.51 8mm alloy 1-1/4 to 1.5	





COMPONENT	BRAND	MODEL	DESCRIPTION
EXPANDER	FSA	Star Nut Alloy flat 1-1/8	
OCHAIN	Ochain	e-Bike	Anti pedal kick back system
HANDLEBAR STEM	FSA	Attacco manubrio Fsa Team ltd mtb 35 Oil Click	FSA Team LTD handlebar stem, created specifically for the gravity world, made of cnc aluminum with Oil Slick finish.
HANDLEBAR	FSA	HB MTB GRADIENT Riser Carbon 20x800 35mm	XC lightness, Freeride resistance. Made of UD carbon composite, with reinforcement in the stem area. Weight 220g
HANDLE	AMS		
CARBON TELESCOPIC SEATPOST	Crankbrothers	HIGHLINE 11 170 mm x 31,6mm	New premium telescopic seatpost, made of carbon and titanium. Internal cable routing. Weight 490g.
SEAT POST CONTROL	Crankbrothers	ADJ Highline Remote Premium	
ELECTRONIC 12V CONTROL	Sram	GX Eagle AXS 12v	The modern wireless technology and the robustness and reliability of the GX rear derailleur complement the Eagle rear derailleur in the best possible way. AXS technology allows you to customize the rear derailleur via the AXS APP so that it can be tailored to the rider's needs. AXS unlocks a completely new way to personalize your shifting experience, all controlled via the AXS app. The Overload Clutch allows the derailleur to detect impact and protect itself from potential damage. By quickly disengaging the rear derailleur, the derailleur has the freedom to move to avoid damage, before immediately returning to its position for a seamless experience for the rider.
12V ELECTRONIC GEARBOX	Sram	GX Eagle AXS 12v	
E-TAP AXS POWERPACK	Sram	Base + 1 Battery	
12V CHAIN	Sram	GX Eagle 120 maglie	
12V BOX	Sram	XG-1275 12V 10-52	The new Sram Eagle 10-52 cassette has been designed for the most demanding riders. Riders can in fact play with the 12 available speeds, tackling even the toughest climbs without too much difficulty. In addition to the extension of the range of ratios, this cassette uses Full Pin technology, which provides a light but strong permanent joint between the steel sprockets. The joint is made with high-strength stainless steel pins.
DROP OUT	Sram	UDH	Sram universal dropout designed and optimized for use with Sram rear derailleurs
CARBON SADDLE RAILS	Fizik	Aidon	A short MTB saddle specifically designed for full-suspension E-MTBs with a light carbon rear. Weight 205g
FRONT BRAKE	Sram	Code RSC Black	The SwingLink and Lever Pivot Bearings technologies ensure smooth and progressive use of the controls, while 30% more volume ensures greater power in the most extreme conditions, when the maximum is required and when the masses to be stopped are important. Also ideal for E-bikes. 4-piston caliper
REAR BRAKE	Sram	Code RSC Black	
DISCS 180MM	Sram	Centerline	
DISCS 200MM	Sram	Centerline	

GEOMETRY



		M	L
A	TOP TUBE HORIZONTAL	From 608 to 611	From 628 to 631
B	REACH	From 470 to 460	From 490 to 480
C	STACK	From 636 to 644	From 651 to 660
D	SEAT TUBE LENGTH	440	475
E	CHAIN STAY	From 450 to 454	From 450 to 454
F	HEAD TUBE ANGLE	From 65,5 to 64,5	From 65,5 to 64,5
G	SEAT ANGLE	From 76 to 75	From 65,5 to 64,5
H	BB DROP	From 0 to 15	From 0 to 15
I	WHEEL BASE	From 1250 to 1255	From 1270 to 1275
L	HEAD TUBE LENGTH	110	125
M	FORK OFFSET (RAKE)	44	44
	FORK TRAVEL	160	160
	REAR TRAVEL	160	160
	CRANKSET LENGTH	165	170
	HANDLEBAR WIDTH	800	800
	STEM LENGTH	50	50

