



**TECHNICAL INTRODUCTION**  
REV.02

**110<sub>x</sub>**

2

WILIERPEDIA 2019

OFFROAD COLLECTION

At Wilier Triestina, innovation is an irreversible process: the range of off-road bikes is further enhanced by the new 110X, the lightest front cross-country mountain bike that Wilier Triestina has ever developed.

Agile on climbs and even more stable downhill thanks to its all-new geometry, low weight and advanced boost technology, the 110X offers even the most demanding riders a truly unique feeling in the saddle.

**110X**

## BOOST STAYS

The width of the rear hub has been increased to 148mm, the standard boost. This increase in space enables optimal clearance, even with wider tyres (2.3").



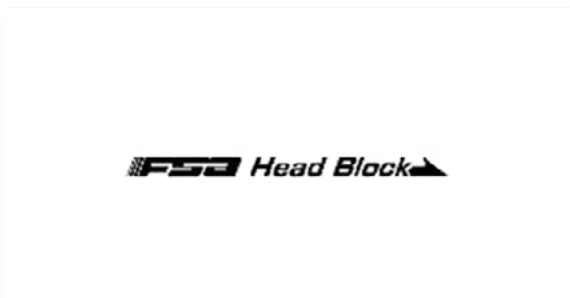
## 4 WAYS NEW CABLE ROUTING

The internal cable routing has been overhauled to accommodate the brake and gear cable housings, rendering the 110X ready for use in any type of configuration.



## REMOVABLE DERAILLEUR SUPPORT

When it comes to selecting the gears, the 110X is extremely versatile. Thanks to the removable derailleur support, the configuration of the bike can easily be changed from a double crankset to a single ring, and vice versa, for an extremely clean aesthetic when using a 1x crank. The support is anchored to the frame with 2 screws, and features a third derailleur adjustment screw for maximum rigidity.



## STEERING LOCK

To prevent the handlebars from coming into contact with the horizontal top tube of the frame, the headset limits the steering angle to 150°, without compromising on handling.

## LIGHT

The 60TON carbon monocoque frame weighs just 1070g in the M size.



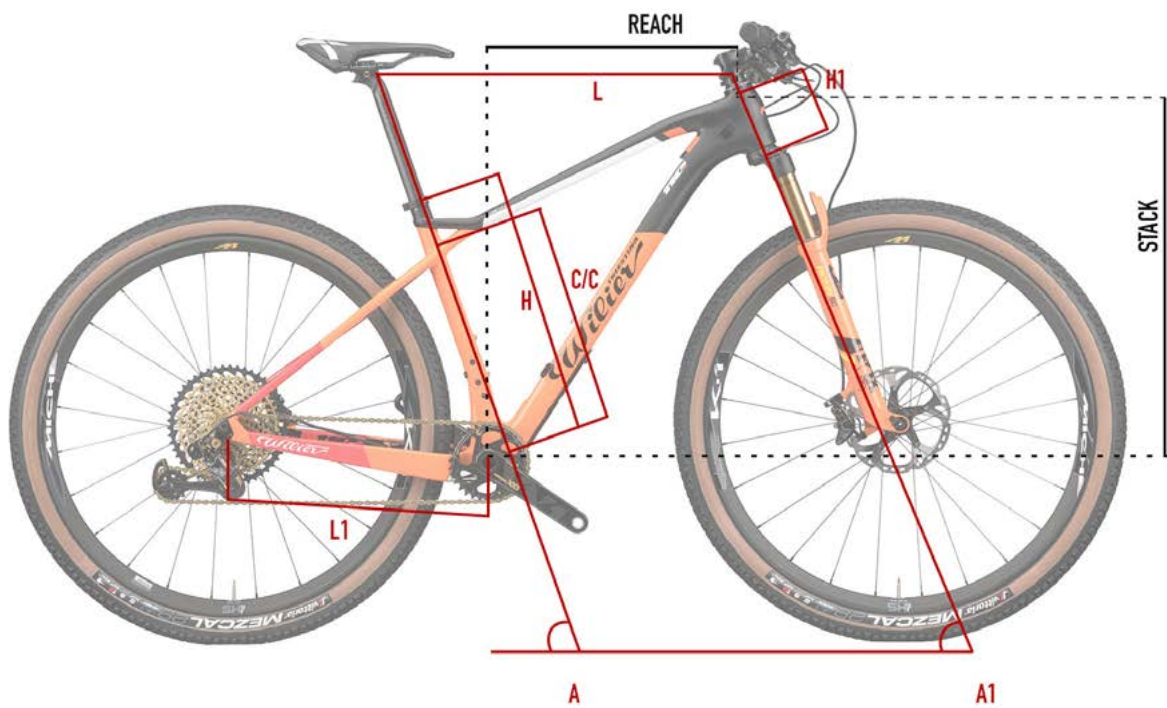
**110<sub>x</sub>**

COLOR	BLACK / ORANGE
FINISH	MATT & GLOSSY
COLOR CODE	X10



COLOR	BLACK / GREEN
FINISH	MATT & GLOSSY
COLOR CODE	X11



**110<sub>x</sub>****SIZES AND GEOMETRIES**

SIZE	H	C/C	L	A	H1	L1	A1	REACH	STACK
	(cm)	(cm)	(cm)	(°)	(cm)	(cm)	(°)	(cm)	(cm)
<b>S</b>	41,0	35,0	57,3	73,5	9,1	43,7	69,0	39,5	60,0
<b>M</b>	45,0	39,0	59,6	73,5	10,3	43,7	69,5	41,4	61,3
<b>L</b>	49,0	43,0	61,8	73,5	11,7	43,7	69,5	43,3	62,6
<b>XL</b>	53,0	47,0	64,7	73,0	13,0	43,7	69,5	45,2	63,9



**110<sub>x</sub>****FRAME KEYPOINTS****APPROXIMATE TIGHTENING TORQUES**

LIST	Nm	LIST	Nm
STEM ALU/CARBON ROAD AND MTB	5	SHIFT LEVERS' COLLAR ON CARBON HANDLEBAR MTB	4
CRANKSET 386 SHIMANO/CAMPAGNOLO/FSA (central bolt)	40	TIGHTENING BOLTS FOR WATER-FLASK HOLDER	2.5
CRANKSET GEAR BOLTS IN LIGHT ALLOY	10	101 SR SEATPOST WITH DOUBLE REGULATION CLAMP	8
BOTTOM BRACKET (threaded coupling)	30	EXPANDER CAP	4
MOUNTING BOLT REAR DERAILLEUR	8	PEDALS	40
MOUNTING BOLT ANT DERAILLUER ROAD (integrated)	7	FASTENING SADDLE	4
MOUNTING BOLT ANT DERAILLUER ROAD (hose clamp)	3	THRU AXLE	3/4
MOUNTING BOLT ANT DERAILLUER MTB (integrated)	7	FORK EXPANDER	8
MOUNTING BOLT ANT DERAILLUER MTB (hose clamp)	3	MOUNTING BRAKES (caliper, disc)	5
SHIFT LEVERS' COLLAR ON ALU HANDLEBAR	10	INTERCHANGEABLE SCREWS	3
SHIFT LEVERS' COLLAR ON CARBON HANDLEBAR ROAD	8	SCREWS FOR CABLE-GUIDE PLATE	3
SHIFT LEVERS' COLLAR ON ALU HANDLEBAR MTB	5	REPLACEABLE FIXING SCREWS FOR CABLE STOPPERS	5



**110x****SPARE PARTS LIST****SINGLE CHAINRING VERSION**

	<b>B2B CODE</b>	<b>DESCRIPTION</b>
<b>1</b>	HGACCE62.1	DROPOUT SHORT
<b>2</b>	HGACCE62.2	DROPOUT LONG
<b>3</b>	HGACCE62.3	SIDE SWING CABLE WAY
<b>4</b>	HGACCE62.4	CABLE GUIDE
<b>5</b>	WTP-CO-EL	CLOSED CAP
	WTP-CO-EL	CLOSED CAP
<b>6</b>	WTP-CO-A	OPEN CABLE CAP
	WTP-CO-A	OPEN CABLE CAP
<b>7</b>	WTP-110X-FD	DERAILLEUR HANGER



**110x**

## DOUBLE CHAINRING VERSION

	B2B CODE	DESCRIPTION
1	HGACCE62.1	DROPOUT SHORT
2	HGACCE62.2	DROPOUT LONG
3	HGACCE62.3	SIDE SWING CABLE WAY
4	HGACCE62.4	CABLE GUIDE
5	WTP-CO-A	OPEN CABLE CAP
	WTP-CO-EL	CLOSED CAP
6	WTP-CO-A	OPEN CABLE CAP
	WTP-CO-A	OPEN CABLE CAP
7	WTP-110X-FD	DERAILLEUR HANGER







## FAQ

### How can I clean my 110X?

We recommend cleaning with water and a soft cloth or sponge. Please note that some cleaning agents can damage the finish on the 110FX. We do not recommend the use of pressurized water or air when cleaning the 110FX frame. Such practices can damage the finish and bearings etc. Always thoroughly dry and lubricate your bicycle before storage.

### Is it possible to install a dropper post on a 110X?

Yes, a dropper post can be installed with both double and single chainring setups. The cable or hose can be internally routed.

### What is the maximum number of teeth in the chain ring?

The maximum number of teeth in the chainring is 38.

### What wheel sizes will fit a 110X?

The 110X was designed for 29" wheels.

### What is the maximum tyre width that can be used in the 110FX frame?

The 110X can be used with tyres with a maximum width of 58mm.

### Does the 110X have any frame protection features?

The 110 X has a carbon-fibre frame protector fitted to the bottom of the down tube as standard.

