



# **X-BOW**

**FRAME PASSPORT**

TYPE: 7DD

LAST UPDATE: 14/02/2018

**#BeTOUGH**

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## 0. UPDATES

The development of frames, forks and components is a continuous running process. Therefore we strongly advise before reading this information sheet check our website for new updates.

## 1. GENERAL

### 1.1. DESCRIPTION

This versatile frame is perfect for those new to cross and can easily be used for training or commuting.

### 1.2. PART CODES

All the X-Bow frames have a particular part code composed by the letters "FRACRERID...", added by 3 numbers. The three numbers change depending on the design and size of the frame. Due to the big amount of frames we don't list all the numbers but you can contact your local dealer for more information if needed.

## 2. MATERIAL

The X-Bow is made of high quality 7005 aluminum.

## 3. WEIGHT

### 3.1. FRAME

SIZE	WEIGHT (*)
XXS	1610 GRAMS
XS	1650 GRAMS
S	1700 GRAMS
M	1750 GRAMS
L	1800 GRAMS
XL	1860 GRAMS

(\*) Weight of painted frame, real weight may differ from the weight mentioned above by 5 %.

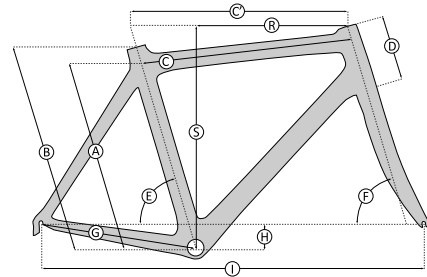
### 3.2. FORK

The weight of the 4ZA Zornyc fork is around 670 g (\*)

(\*)Weight of painted fork, real weight may differ from the weight mentioned above by 5 %.

## 4. GEOMETRY

SIZE	A	B	C	D	E	F	G	H	I	S	R
XXS	410	450	500	100	74	71	425	53	994	504.1	374.9
XS	450	490	516	120	74	72	425	57	1002	527.9	378.6
S	480	520	523	135	73	72	425	59	1001	544.1	373.8
M	510	550	535	150	73	72	425	61	1011	560.1	379.0
L	540	580	554	165	73	72	425	61	1027	574.7	389.8
XL	570	610	570	190	73	72	425	61	1042	598.4	397.7



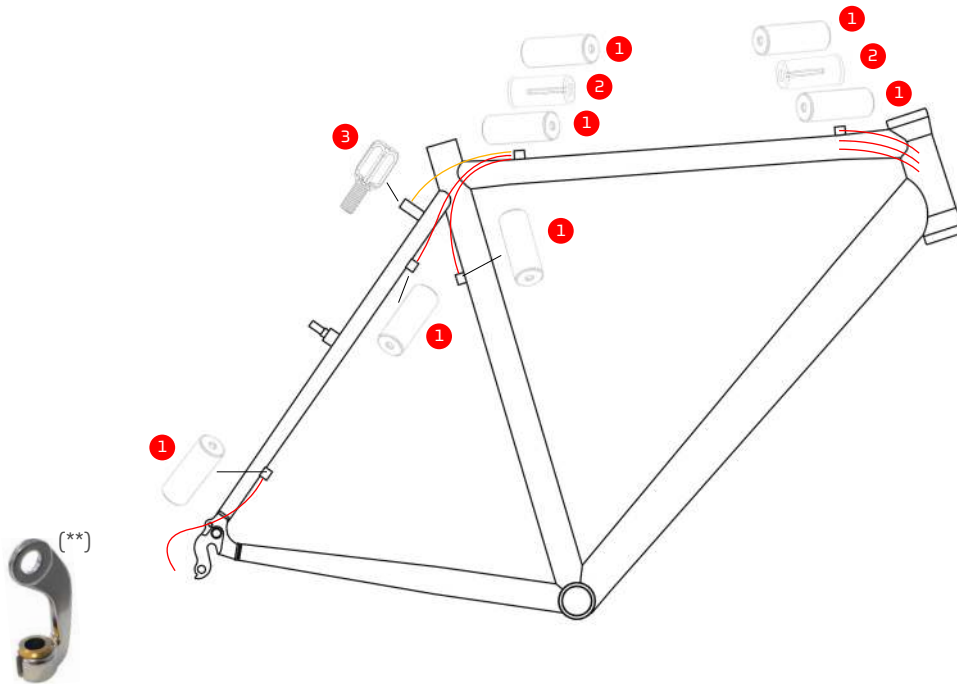
## 5. CABLE ROUTING

### 5.1. COMPATIBILITY

The X-Bow is compatible for mechanical group sets only.

### 5.2. MECHANICAL CABLE ROUTING

Below you can find the parts needed for a mechanical groupset:



NO.	PART	PART CODE	QUANTITY
1	END CAP, SHIFTER CABLE	CABSTIJAG002	7
2	END CAP, BRAKE CABLE	CABBRAJAG003	2
3	CABLE ADJUSTER (*) (**)	CABSTI4ZA005	1

(\*) The cable adjuster is only needed for cyclocross cantilever brakes, not for mini V-brakes.

(\*\*) For the XXS Frame size there's no cable adjuster mount on the frame. Instead of this there's a cable stopper hanger added to assemble at the seatpost clamp.

## 6. PARTS

### 6.1. FORK

The standard fork, used for a X-Bow, is the 4ZA Zornyc fork.

#### 6.1.1. MATERIAL

Fork legs: Carbon  
Steerer tube: Alloy

#### 6.1.2. DIMENSIONS

Steerer tube length: 300 mm  
Headset: 1 1/8" upper ring – 1 1/8" lower ring  
Fork rake: 47 mm  
OLD (OverLock nut Distance): 100 mm

#### 6.1.3. BRAKES

The 4ZA Zornyc fork is suited for most standard cantilever brakes available in the market.

#### 6.1.4. PART CODES

All the 4ZA Zornyc forks have a particular part code composed by the letters "FORZOR4ZA...", added by 3 numbers. The three numbers, depending on the design. Due to the big amount of forks we don't list all the numbers but you can contact your local dealer for more information if needed.

### 6.2. HEADSET

45° Oversized angular contact bearing (S.H.I.S.: Z541/28,6|Z541/30):  
Lower bearing: 1 1/8"  
Upper bearing: 1 1/8"

The recommended headsets depend on the used brakes :

RIDLEY PART CODE	TYPE	BRAND	BRAKES
HSECRSFA001	NO.41-CX	FSA	CYCLOCROSS BRAKES
HSECRSFA005	NO.41	FSA	MINI V-BRAKES

### 6.3. SEAT POST

The X-Bow frame is developed to use a 31,6 mm seat post. To fix the seat post the 4ZA 34,9 mm (Part Code: SPCSNG4ZA011) seat post clamp can be used.

### 6.4. BOTTOM BRACKET

The bottom bracket is BSA threaded and has a width of 68 mm to fit standard BSA68 cups.

## 6.5. BRAKES

The X-Bow is suited for most standard cantilever brakes, available in the market.

## 6.6. DERAILLEUR

### 6.6.1. FRONT

The frame is designed to use a clamp on top pull or down pull (by use of the standard assembled cable wheel) derailleur for a 34,9 mm seat tube. Also a braze on derailleur can be used if it's used together with the 4ZA 34,9 mm front derailleur clamp (Part code: FDCNOB4ZA004).

### 6.6.2. REAR

The hanger, used for the X-Bow is the HAACRSRID010.



## 7. WHEELS AND TIRES

### 7.1. FORK

The fork is developed for 700C cyclocross wheels with a build in width of 100 mm and a quick release system with a maximum diameter of 9 mm.

### 7.2. FRAME

The frame is developed for 700C cyclocross wheels with a build in width of 130 mm and a quick release system with a maximum diameter of 9 mm.

## 8. WARRANTY INFORMATION

### 8.1 MAXIMUM RIDER WEIGHT

The maximum advised rider weight is 95 kg.

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