

FRM

B I K E T E C H N O L O G Y



light-weight racing parts since 1990



ANDREA TIBERI ITALIAN CHAMPION ELITE X-COUNTRY 2015

YEAR 2016

WHO WE ARE

FRM is a company made up of people with one passion: BICYCLES.

Seeing as we are lucky enough to be able to turn what we love into a job, we want to be able to share this with you.

This is why we work hard to offer the best products that we possibly can, designing, constructing and testing them ourselves.



PHILOSOPHY

Philosophy.... What a big word! Basically we should fill this section with long winded explanations of why it is we do what we do. Well, in case you haven't already figured it out for yourself, we make bikes..... BECAUSE WE LIKE THEM!

And when things are done with passion and enthusiasm, they are usually done better! So, seeing as our explanation was so quick, we'll fill some more space with some bragging instead, seeing as we produce the lighted MTB on the market right here in Italy and because we often have the sort of great idea that then gives rise to the ideas of many a brand.

We dedicate our time and energy, on a daily basis, to provide you with components and bikes designed to distinguish you from the crowd.

We are here to help you in each and every situation you may encounter and to help you to improve your performance, whether you compete or you ride just for fun. We aim to make you feel, when you push on your pedals, that only you and FRM exist.

FRM's HISTORY

We often like to reminisce, usually with a good glass of wine, on the history of our brand.

People too often live life so fast that they forget where they came from.

Here we share some of our history, from 1990 until today, with you. This photo shows what FRM has been in the past and what it is today. Just imagine what it is capable of being in the future....



MADE IN ITALY

"We are Italian, we produce in Italy".

Nice sounding words but a difficult statement to live up to. We have had the great luck of finding, here in Italy, individuals so talented in their work that we have no need to produce our products elsewhere. Between you and us, this makes us not only happy, but also very, very proud. There is a slight exception, having an English girl in the office but, to be honest, she's pretty much as Italian as the rest of us now!

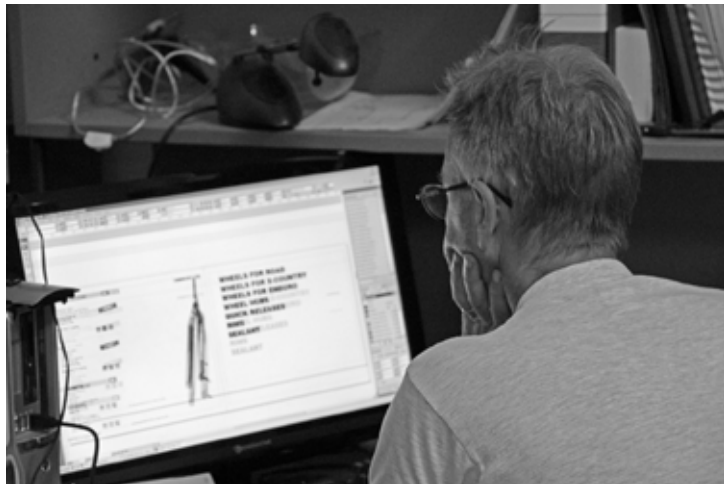


MAN TO BIKE SYMBIOSI

FRM is famous for the lightness of the bike components we create. This is also another characteristic that we focus on when designing our products:

Riders pedal for hours, they tire themselves out, they sweat, tackle uphill and downhill stretches, jumps and bumps. To do all of this safely, and in the most comfortable manner possible, your bike has to be at one with your body. Some people describe this as "ergonomic", we like to call it "improved pedalling" because, with all the obstacles you'll encounter on your ride, your bike should not be one of them.

On the contrary, it should give you a huge advantage and confidence, precisely because we designed it with this goal.



TECHNOLOGY

FRM is a small company but there is one aspect where we certainly don't fear competition: TECHNOLOGY. For "technology" we intend the fusion of the most innovative components with our experience and innovation.

This isn't something that just anybody can put their hands to, otherwise the world would be overflowing with Full 29" bikes under 10kg! Our goal lies in the continuous search for a better component, a new idea to further improve the performance of your bike.

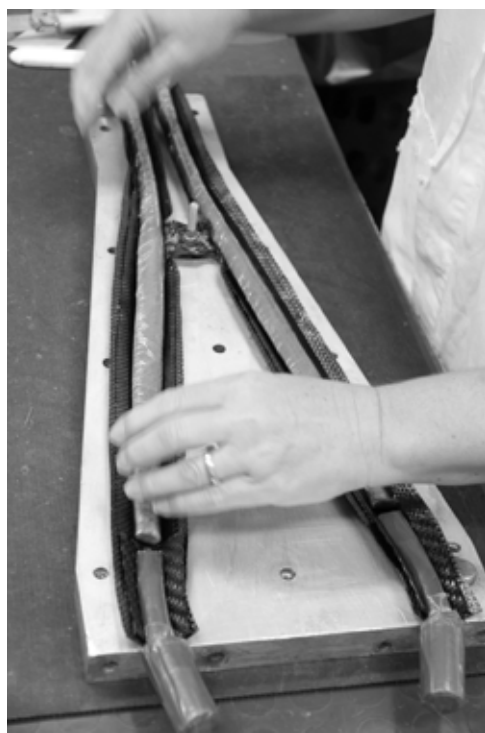
Even if you aren't a world champion, we have you in mind too because remember, when it comes to fun, the only difference between an adult and a child should be the price of the toy!

CARBON FIBRE

Many things are made from carbon, from pencil leads to diamonds. So... If you were lining these things up on a scale, right after diamonds you would find FRM!

We use carbon because it has such limitless possibilities. By weaving and gluing various sheets of carbon fibre together you can obtain any form that you require, forms which maintain a very high level of resistance along with incredible lightness.

Working with Carbon fibre certainly isn't easy: a great amount of experience and attention are required to bring about a product like FRM. This is why we entrust ourselves and our products to real craftsmen, artists in their own field who, if they wanted too, could probably pull out a couple of diamonds too!



ANAKIN FULL - Bike

X-C

29"

XCR1 9,7kg

1. Marzocchi 320 LCR Carbon+FRM bolt thru-axe
OPTION: Rock Shox RS-1 + FRM bolt thru-axe
2. FRM Meteor Carbon XC i30
OPTION: Meteor XC i30
3. FRM bolt thru-axes QR15+ 12x142mm
4. FRM CU3-M11 NS + N-C Power NS 32t.
5. Sram XX1 trigger and rear derailleur
6. Sram XX1 10-42t.
7. FRM Web-Bar 129 Carbon LP+Silicone Grips
8. FRM HS-M156 Ti. (70-80-90-100-110mm)
9. Sram Guide Ultimate. Rotors CLX 160mm
10. FRM ST-M10 Ti. 30,9mm + collar SC35 Ti.
11. FRM Black Hole
12. WTB Nano Race 29 x 2,25"+sealant FRM
Cyclist weight limit: 90kg

XCR2 10,05kg

1. Marzocchi 320 LCR + FRM bolt thru-axe
OPTION: Rock Shox SID XX+FRM bolt thru-axe
2. FRM Meteor XC i30
3. FRM bolt thru axes QR15+ 12x142mm
4. FRM CU3-M11 NS + N-C Power NS 32t.
5. Sram X01 trigger and rear derailleur
6. Sram X01 10-42t.
7. FRM Web-Bar 329 Carbon LP+ BMX Grips
8. FRM HS-M156 Ti. (70-80-90-100-110mm)
9. Sram Guide R. Rotors CL 160mm
10. FRM ST-M10 Ti. 30,9mm + collar SC35 Ti.
11. Fizik Thar
12. WTB Nano Race 29 x 2,25"+sealant FRM
Cyclist weight limit: 90kg

XCR3 10,45kg

1. Marzocchi 320 LR + FRM bolt thru-axe
OPTION: Rock Shox Reba RL+FRM bolt thru-axe
2. FRM Meteor XC i21
3. FRM bolt thru axes QR15+ 12x142mm
4. FRM CU3-M11NS + N-C Power NS 32t.
5. Sram GX trigger and rear derailleur
6. Sram GX 10-42t.
7. Answer Protaper 720 + BMX Grips
8. FRM HS-M156 (70-80-90-100-110mm)
9. Sram Guide R. Rotors CL 160mm
10. FRM ST-M10 Ti. 30,9mm + collar SC35 Ti.
11. Fizik Thar
12. WTB Nano Race 29 x 2,25"+sealant FRM
Cyclist weight limit: 90kg

Bike specifications are subject to change without notice.
Le specifiche tecniche possono variare senza preavviso



Marzocchi is FRM approved

S/M: BAF1S - L/XL: BAF1L	ANAKIN FULL XCR1 + RS-1	€ 11.604	S/M: BAF4S - L/XL: BAF4L	ANAKIN FULL XCR1 + 320 LCR Carbon	€10.678
S/M: BAF1MS - L/XL: BAF1ML	OPTION: wheels Meteor XC i30	€ 10.262	S/M: BAF4MS - L/XL: BAF4ML	OPTION: wheels Meteor XC i30	€ 9.336
S/M: BAF2S - L/XL: BAF2L	ANAKIN FULL XCR2 + SID XX	€ 8.093	S/M: BAF5S - L/XL: BAF5L	ANAKIN FULL XCR2 + 320 LCR	€7.867
S/M: BAF3S - L/XL: BAF3L	ANAKIN FULL XCR3 + REBA RL	€ 6.706	S/M: BAF6S - L/XL: BAF6L	ANAKIN FULL XCR3 + 320 LR	€6.440

ANAKIN FULL- Frame Kit

X-C

29"

- 100% Made in Italy
- Monocoque frame & stays, manufactured under FRM licence. Proprietary design of frame and moulds
- High Modulus Carbon Fibre, with optimised unidirectional layering
- Finish: polished. Almost perfect out of the mould finish requires no paint. It does not scratch
- Engineered for single chainrings
- UniFlex suspension system. No pivot between upper and lower stays. Higher rigidity and lighter weight
- Full-ball type bearings (Enduro Max) with O-Ring shields
- Rear shock: Marzocchi Roco Lite (165mm)
- Rear wheel travel: 100mm (ratio wheel travel / shock stroke: 2,7)
- Dropouts: replaceable E-Thru 12x142mm. Axle included
- Internal routing of rear brake and both derailleurs
- Bottom Bracket: Press-Fit 89,5mm (41x89,5mm symmetric)
- Moulded FRM logo on the top tube
- Seatpost Dia.: 30,9mm
- Sizes: Small/ Medium - Large/X-Large
- Rider weight limit: 95kg
- Weight: 1.850g. (S/M) rear shock included + FRM E-Thru axle 38g

KIT A

- Frame
- Wheels Meteor Carbon XC i30
- Crankset CU3-M11 NS + N-C Power NS 32t.
- Headset D-Set 1,5" Taper IS
- Stem HS-M156 Ti. 90mm
- Handlebar Web-Bar 129 LP
- Seatpost ST-M10 Ti. 30,9 x 400mm
- Seat collar SC35 Ti.

KIT B

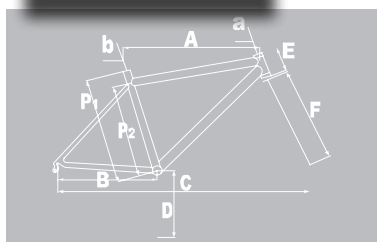
- Frame
- Wheels Meteor XC i30
- Crankset CU3-M11 NS + N-C Power NS 32t.
- Headset D-Set 1,5" Taper IS
- Stem HS-M156 Ti. 90mm
- Handlebar Web-Bar 329 LP
- Seatpost ST-M10 Ti. 30,9 x 400mm
- Seat collar SC35 Ti.

KIT C

- Frame
- Headset D-Set 1,5" Taper IS
- Stem HS-M156 Ti. 90mm
- Handlebar Web-Bar 329 LP
- Seatpost ST-M10 Ti. 30,9 x 400mm
- Seat collar SC35 Ti.



Product Quality Notice
Small surface imperfections of this product add an unmistakable value to the workmanship of our "made in Italy"



Marzocchi shock is FRM approved

This product was selected by
Andrea Tiberi for the World Cup

SIZE	P1	P2	A	B	C	D	E	F	a	b	Cyclist heght
Small / Medium	450	342	585	438!	1.090	312!	95	507	71°	73,6°	from 165 to 179cm
Large/X-Large	490	342	620	438!	1.124	312!	115	507	71°	73,6°	from 180 to 189cm

KAFULAS	ANAKIN FULL	SMALL/MEDIUM	FRAME KIT A	€ 6.404
KAFULAL	ANAKIN FULL	LARGE/XLARGE	FRAME KIT A	
KAFULBS	ANAKIN FULL	SMALL/MEDIUM	FRAME KIT B	€ 5.085
KAFULBL	ANAKIN FULL	LARGE/XLARGE	FRAME KIT B	
KAFULCS	ANAKIN FULL	SMALL/MEDIUM	FRAME KIT C	€ 3.858
KAFULCL	ANAKIN FULL	LARGE/XLARGE	FRAME KIT C	

ANAKIN ST Boost - Bike

X-C 29"

XCR1 8,7kg XCR2 9,05kg XCR3 9,45kg

1. Marzocchi 320 LCR Carbon+FRM bolt thru-axe
OPTION: Rock Shox RS-1 + FRM bolt thru-axe
2. FRM Meteor Carbon XC i30 Boost
OPTION: Meteor XC i30 Boost
3. FRM bolt thru-axes QR15+ 12x142mm
4. FRM CU3-M11 Boost + N-C Power NS 32t.
5. Sram XX1 trigger and rear derailleur
6. Sram XX1 10-42t.
7. FRM Web-Bar 129 Carbon LP+Silicone Grips
8. FRM HS-M156 Ti. (70-80-90-100-110mm)
9. Sram Guide Ultimate. Rotors CLX 160mm
10. FRM ST-M10 Ti. 27,2mm + collar SC32 Ti.
11. FRM Black Hole
12. WTB Nano Race 29 x 2,25"+sealant FRM
Cyclist weight limit: 90kg

1. Marzocchi 320 LCR + FRM bolt thru-axe
OPTION: Rock Shox SID XX+FRM bolt thru-axe
2. FRM Meteor XC i30 Boost
3. FRM bolt thru axes QR15+ 12x142mm
4. FRM CU3-M11 Boost + N-C Power NS 32t.
5. Sram X01 trigger and rear derailleur
6. Sram X01 10-42t.
7. FRM Web-Bar 329 Carbon LP+ BMX Grips
8. FRM HS-M156 Ti. (70-80-90-100-110mm)
9. Sram Guide R. Rotors CL 160mm
10. FRM ST-M10 Ti. 27,2mm + collar SC32 Ti.
11. Fizik Thar
12. WTB Nano Race 29 x 2,25"+sealant FRM
Cyclist weight limit: 90kg

1. Marzocchi 320 LR + FRM bolt thru-axe
OPTION: Rock Shox Reba RL+FRM bolt thru-axe
2. FRM Meteor XC i21 Boost
3. FRM bolt thru axes QR15+ 12x142mm
4. FRM CU3-M11 Boost + N-C Power NS 32t.
5. Sram GX trigger and rear derailleur
6. Sram GX 10-42t.
7. Answer Protaper 720 + BMX Grips
8. FRM HS-M156 (70-80-90-100-110mm)
9. Sram Guide R. Rotors CL 160mm
10. FRM ST-M10 Ti. 27,2mm + collar SC32 Ti.
11. Fizik Thar
12. WTB Nano Race 29 x 2,25"+sealant FRM
Cyclist weight limit: 90kg

Bike specs can change without notice



S/M: BAB1S - L/XL: BAB1L	ANAKIN ST Boost XCR1+ RS-1	€10.670	S/M: BAB4S - L/XL: BAB4L	ANAKIN ST Boost XCR1+320 LCR Carbon	€9.744
S/M: BAB1MS - L/XL: BAB1ML	OPTION: wheels Meteor XC i30	€9.328	S/M: BAB4MS - L/XL: BAB4ML	OPTION: wheels Meteor XC i30	€8.402
S/M: BAB2S - L/XL: BAB2L	ANAKIN ST Boost XCR2 + SID XX	€7.159	S/M: BAB5S - L/XL: BAB5L	ANAKIN ST Boost XCR2 + 320 LCR	€6.933
S/M: BAB3S - L/XL: BAB3L	ANAKIN ST Boost XCR3 +REBA RL	€5.772	S/M: BAB6S - L/XL: BAB6L	ANAKIN ST Boost XCR3 + 320 LR	€5.506

ANAKIN ST and ST Boost - Frame Kit

X-C

29"

- 100% Made in Italy
- Monocoque manufactured under FRM licence. Proprietary design and moulds
- Finish: polished. Almost perfect out of the mould finish requires no paint. It does not scratch. Stickers can be easily replaced
- Spread Tow crossed unidirectional carbon fibre
- New for 2016: shorter chainstays designed for the Boost 12x148 standard
- Replaceable dropouts. Thru-axle 12x148 (M12x1,5mm) Bolt axle included
- Bottom Bracket: Press-Fit 89,5mm (41x 89,5mm symmetric)
- Internal routing of both derailleurs
- Post-Mount brake support
- Moulded FRM logo on the top tube
- Head Tube: 1,5" - 1 1/8" Integrated
- Seatpost diameter: 27,2mm
- Sizes: Small/Medium - Large/XLarge (see below)
- Rider weight limit: 95kg
- Weight: 1.150g. (Small/Medium) + FRM bolt axle 38g.

KIT A

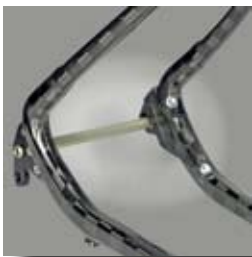
- Frame
- Wheels Meteor Carbon XC i30
- Crankset CU3-M11 + N-C Power NS 32t.
- Headset D-Set 1,5" Taper IS
- Stem HS-M156 Ti. 90mm
- Handlebar Web-Bar 129 LP
- Seatpost ST-M10 Ti. 27,2 x 400mm
- Seat collar SC32 Ti.

KIT B

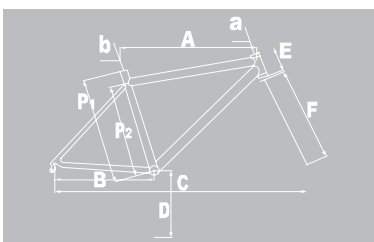
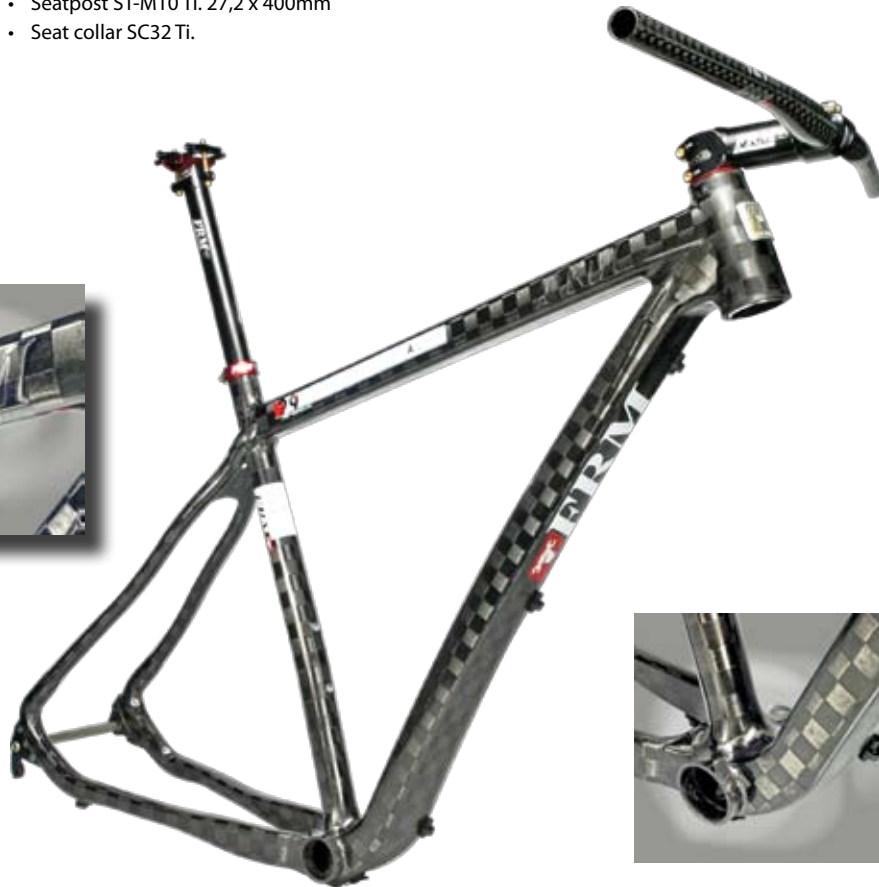
- Frame
- Wheels Meteor XC i30
- Crankset CU3-M11 + N-C Power NS 32t.
- Headset D-Set 1,5" Taper IS
- Stem HS-M156 Ti. 90mm
- Handlebar Web-Bar 329 LP
- Seatpost ST-M10 Ti. 27,2 x 400mm
- Seat collar SC32 Ti.

KIT C

- Frame
- Headset D-Set 1,5" Taper IS
- Stem HS-M156 Ti. 90mm
- Handlebar Web-Bar 329 LP
- Seatpost ST-M10 Ti. 27,2 x 400mm
- Seat collar SC32 Ti.



Product Quality Notice
Small surface imperfections of this product add an unmistakable value to the workmanship of our "made in Italy"



SIZE	P1	P2	A	B	C	D	E	F	a	b	Cyclist height
Small / Medium	470	395	585	430 - 420 Boost	1.090	295	95	495	72°	74,5°	from 165 to 179cm
Large/X-Large	510	410	617	430 - 420 Boost	1.192	295	115	495	72°	74,5°	from 180 to 189cm

KABSTAS	ANAKIN ST Boost	KASTAS	ANAKIN ST	SMALL/MEDIUM	FRAME KIT A	€ 5.840
KABSTAL	ANAKIN ST Boost	KASTAL	ANAKIN ST	LARGE/XLARGE	FRAME KIT A	
KABSTBS	ANAKIN ST Boost	KASTBS	ANAKIN ST	SMALL/MEDIUM	FRAME KIT B	€ 4.521
KABSTBL	ANAKIN ST Boost	KASTBL	ANAKIN ST	LARGE/XLARGE	FRAME KIT B	
KABSTCS	ANAKIN ST Boost	KASTCS	ANAKIN ST	SMALL/MEDIUM	FRAME KIT C	€ 3.301
KABSTCL	ANAKIN ST Boost	KASTCL	ANAKIN ST	LARGE/XLARGE	FRAME KIT C	



8HP FAT - Bike

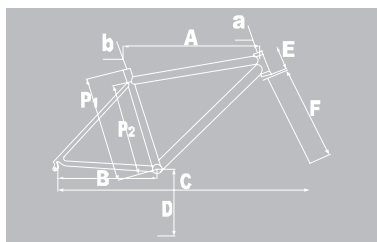
FAT

26"

FUN 3 11,9kg rigid 12,9kg suspended

- FRM 8HP FAT. Size S/M - L/XL
- FRM Chunky 135. Locknut 135mm
OPTION: Rock Shox Bluto. Locknut 150mm
- FRM Titan FAT 85. Locknut 135/170mm or 150/170mm
- DT Swiss Revolution
- FRM CU3-WT100 Single - Syncro-Ring 28d.
- Sram GX 11v trigger & rear derailleur
- Sram PG 1150 11-42t. 11s
- Sram PC X1 11s
- Answer Protaper Expert 720+ BMX Grips
- FRM HS-G50 (40-50-60mm)
- FRM D-Set 44 1,5" Taper
- Sram DB5. Rotors 160 -160mm
- FRM ST-M11 31,6 x 410mm
- FRM SC35
- Fizik Thar
- Vee Rubber Mision 26 x 4,0" (102mm wide)

Cyclist weight limit: 100kg



SIZE	P1	P2	A	B	C	D	E	F	a	b	Cyclist height
Small / Medium	435	315	600	440	1.124	295	115	455 Chunky	70°	75,5°	from 165 to 179cm
Large/X-Large	455	315	620	440	1.144	295	130	455 Chunky	70°	75,5°	from 180 to 189cm
Small / Medium	435	315	600	440	1.150	315	115	510 Bluto	67,5°	73,5°	from 165 to 179cm
Large/X-Large	455	315	620	440	1.170	315	130	510 Bluto	67,5°	73,5°	from 180 to 189cm

B8FAT3S	8HP FAT - FUN 3	SMALL/MEDIUM	Chunky rigid fork	€ 3.737
B8FAT3L	8HP FAT - FUN 3	LARGE/XLARGE	Chunky rigid fork	
B8FAT4S	8HP FAT - FUN 3	SMALL/MEDIUM	Bluto suspended fork	€ 4.132
B8FAT4L	8HP FAT - FUN 3	LARGE/XLARGE	Bluto suspended fork	



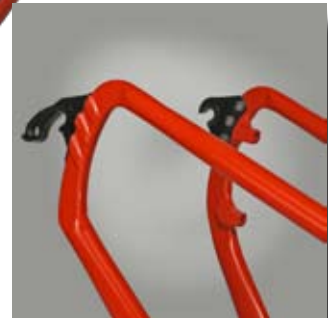
8HP FAT - Frame Kit

FAT

26"

- 100% Made in Italy
- A mix of Easton / Dedacciaio tubes in light alloy specifically designed for fat tires
- The Frame Kit includes the following FRM parts: headset D-Set 1,5" Taper + seatpost ST-M11 + seatpost collar SC35 + stem HS-G50 + handlebar Answer Protaper Exper 720mm
- Finish: painted in Ferrari Red
- Sizes: Small/Medium e Large/ XLarge (see below)
- Replaceable dropouts for traditional quick releases
- Bottom Bracket shell: BSA 100mm wide
- External cable routing for uninterrupted housings

- Post-Mount brake support
- Headtube: 1,5" - 1 1/8" Taper
- Seatpost dia.: 31,6mm
- Dropout locknut: 170mm
- Tire clearance: 125mm
- Cyclist max allowed weight: 100kg
- Weight: 1.800gr (Medium)



KT8FATS	8HP FAT - FRAME KIT	SMALL/MEDIUM	Frame + headset + seatpost + seatpost collar + stem + handlebar	€ 1.652
KT8FATL	8HP FAT - FRAME KIT	LARGE/XLARGE		

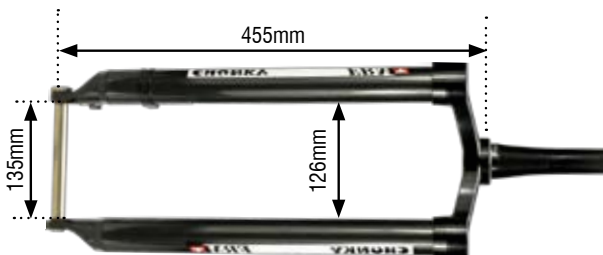
CHUNKY 135

FAT

26"

- Made in Italy
- Designet to conform to most Fat Bike frames on the market
- Crown and dropouts CNC machined from 7075 light alloy
- Steerer tube in light alloy for 1,5" taper frames
- Legs in carbon fibre. Diameter 38,6mm
- Dimensions: height: 455mm from upper crown ro hub axle
hub locknut: 135mm
rake: 40mm
tire clearance: 126mm

- Post-Mount for 160mm rotors
- QR15 dropouts with bolt thru-axle included
- Rider weight limit: 100kg
- Weight: 830g.



FFAT135	CHUNKY 135	With 15x135mm bolt thru-axle	€ 623
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FRM

B I K E T E C H N O L O G Y



light-weight racing parts since 1990



Andrea Tiberi vince il
Campionato Italiano
X-Country Elite al Montello

Wheels, hubs, rims, axles, quick releases

QR15

Boost
110

X-12

Boost
148Sram
XDTi.
6Al-4V

METEOR Carbon XC i30 (channel 30mm)

X-C

29"

- Hubs and rims are made in Italy
- Tubeless Ready for standard tyres with Sealant
- Rims: FRM EVO Carbon i30 29" with 30mm inner width and titanium reinforcements at the nipples holes
- Asymmetric profile (3mm) for lower difference in spoke tension between right and left sides. The tension difference between right / left spokes is less than 5% for a much more stable wheel
- 30mm inner width of the rim to increase tire stability and allow for pressure as low as 1 bar. The tyre has less lateral shift, increased absorption, allowing for higher speeds on all terrains
- Spokes: Sapim CX Ray black. One length only: 280mm
- Hubs: new FRM Meteor or Meteor Boost at 28 holes (see page 15)
- Supplied with: Sram XD 11s freewheel, QR15 / X12 outer plugs, Kit

Tubeless Tape

- Crash Replacement Programme: returned rims not are replaced at 50% of the price list
- Rider weight limit: 90kg
- Weight per set: 1.475g. standard or 1.525g Boost

OPTION: Bolt Thru-Axle

- Lever Task Team quick releases
- 10/11s Shimano freewheel
- 500 or 1.000cc sealant
- Meteor Bearing Tool Kit
- Double wheelbag



Option:



Bolt Thru-axes



Tubeless sealant



Bearing Tool Kit

Kit Tubeless Tape included

WH30A01	FRONT METEOR Carbon XC i30 QR15	29"	For thru-axle 15x100mm	€ 1.033
WH30A02	FRONT METEOR Carbon XC i30 QR9		For slotted fork and Task Team quick release	
WH30A05	FRONT METEOR Carbon XC i30 RS-1		For Rock Shox RS/1 fork	
WH30A06	FRONT METEOR Carbon XC i30 LEFTY		For Cannondale Lefty fork	
WH30A07	FRONT METEOR Carbon XC i30 LEFTY SUPER MAX		For Cannondale Lefty Super Max fork	
WH30A03	FRONT METEOR Carbon XC i30 BOOST 110 /31		For Rock Shox Boost 110 forks (31mm dia. plugs)	
WH30A04	FRONT METEOR Carbon XC i30 BOOST 110 /21		For Fox Boost 110 forks (21mm dia. plugs)	
WH30P01	REAR METEOR Carbon XC i30 12 x142mm	29"	For thru-axle 12 x142mm	€ 1.190
WH30P02	REAR METEOR Carbon XC i30 10 x135mm		For slotted frame 10 x135 and Task Team quick release	
WH30P03	REAR METEOR Carbon XC i30 FS-i 10 x135		For Cannondale FS/i frame and Task Team quick release	
WH30P04	REAR METEOR Carbon XC i30 BOOST 12 x148mm		For thru-axle Boost 12 x148	

QR15

Boost
110

X-12

Boost
148Sram
XDTi.
6Al-4V

METEOR XC i30 (channel 30mm)

X-C

29"

27,5"

- Hubs and rims are made in Italy
- Tubeless Ready for standard tyres with Sealant
- Compatible also as PLUS with tyres of 2,8" maximum width
- Rims: FRM EVO i30 29" with 30mm inner width
- Asymmetric profile (3mm) for lower difference in spoke tension between right and left sides. The tension difference between right / left spokes is less than 5% for a much more stable wheel
- 30mm inner width of the rim to increase tire stability and allow for pressure as low as 1 bar. The tyre has less lateral shift, increased absorption, allowing for higher speeds on all terrains
- Spokes: Sapim Laser 2,0-1,5-2,0mm black. One length only: 280mm
- Hubs: new FRM Meteor or Meteor Boost at 32 holes (see page 15)

- Supplied with: Sram XD 11s f/w, QR15/X12 plugs, Kit Tubeless Tape
- Crash Replacement Programme: returned rims not are replaced at 50% of the price list
- Rider weight limit: 100kg
- Weight per set: 29" 1.585g. standard or 1.635g Boost
27,5" 1.510g. standard or 1.560g Boost

OPTION: Bolt Thru-Axle

Lever Task Team quick releases

10/11s Shimano freewheel

500 or 1.000cc sealant

Meteor Bearing Tool Kit



Option:



Bolt thru-axes



Tubeless sealant



Bearing Tool Kit



Kit Tubeless Tape included

FRONT METEOR XC i30 QR15		WH30A08		WH30A20	For thru-axle 15 x100mm	€ 365
FRONT METEOR XC i30 QR9		WH30A09		WH30A21	For slotted fork and Task Team quick release	
FRONT METEOR XC i30 RS-1		WH30A12		WH30A22	For Rock Shox RS/1 fork	
FRONT METEOR XC i30 LEFTY		WH30A13		WH30A23	For Cannondale Lefty fork	
FRONT METEOR XC i30 LEFTY SUPER MAX		WH30A14		WH30A24	For Cannondale Lefty Super Max fork	
FRONT METEOR XC i30 BOOST 110 /31	29"	WH30A10	27,5"	WH30A25	For Rock Shox Boost 110 forks (31mm dia. plugs)	€ 535
FRONT METEOR XC i30 BOOST 110 /21		WH30A11		WH30A26	For Fox Boost 110 forks (21mm dia. plugs)	
REAR METEOR XC i30 12 x142mm		WH30P05		WH30P27	For thru-axle 12 x142mm	
REAR METEOR XC i30 10 x135mm		WH30P06		WH30P28	For slotted frame 10 x135 and Task Team quick release	
REAR METEOR XC i30 FS-i 10 x135		WH30P07		WH30P29	For Cannondale FS/i frame and Task Team quick release	
REAR METEOR XC i30 BOOST 12 x148mm		WH30P08		WH30P30	For thru-axle Boost 12 x148	

QR15

Boost
110

X-12

Boost
148Sram
XDTi.
6Al-4V

METEOR XC i21 (channel 21mm)

X-C

29"

- Hubs and rims are made in Italy
- Tubeless Ready for standard tyres with Sealant
- Rims: FRM EVO i21 29" with 21mm inner width
- Asymmetric profile (2mm) for lower difference in spoke tension between right and left sides. The tension difference between right / left spokes is less than 10% for a more stable wheel
- Spokes: Sapim Race 2,0-1,8-2,0mm black. One length only: 280mm
- Hubs: new FRM Meteor or Meteor Boost at 32 holes (see page 15)
- Supplied with: Sram XD 11s freewheel, QR15 / X12 outer plugs, Kit Tubeless Tape
- Crash Replacement Programme: returned rims not are replaced at 50% of the price list

- Rider weight limit: 90kg
- Weight per set: 1.530g. standard or 1.585g Boost

OPTION: Bolt Thru-Axle
Lever Task Team quick releases
10/11s Shimano freewheel
500 or 1.000cc sealant
Meteor Bearing Tool Kit
Double wheelbag



Kit Tubeless Tape included

21mm

Option:



Bolt thru-axes



Tubeless sealant



Bearing Tool Kit



Double wheelbag

WH21A01	FRONT METEOR XC i21 QR15	29"	For thru-axle 15 x100mm	€ 285
WH21A02	FRONT METEOR XC i21 QR9		For slotted fork and Task Team quick release	
WH21A03	FRONT METEOR XC i21 BOOST 110 /31		For Rock Shox RS/1 fork	
WH21A04	FRONT METEOR XC i21 BOOST 110 /21		For Cannondale Lefty fork	
WH21P01	REAR METEOR XC i21 12 x142mm		For thru-axle 12 x142mm	€ 415
WH21P02	REAR METEOR XC i21 10 x135mm		For slotted frame 10 x135 and Task Team quick release	
WH21P03	REAR METEOR XC i21 BOOST 12 x148mm		For thru-axle Boost 12 x148	

**Boost
110****Boost
148****Sram
XD****4 PAWL****ASYM****Ti.
6Al-4V****Ti.
6Al-4V****Ti.
6Al-4V**

METEOR PLUS i40 (channel 40mm)

PLUS**27,5"****29"**

- Hubs and rims are made in Italy
- Tubeless Ready for standard tyres with Sealant
- Rims: FRM EVO Plus i40 with 40mm inner width for 3" wide tyres
- Asymmetric profile (3mm) for no difference in spoke tension between right and left sides for an exceptionally stable wheelset
- Spokes: Sapim Race 2,0-1,8-2,0mm black. One length only
- Hubs: new FRM Meteor Boost at 32 holes (see page 15)
- Supplied with: Sram XD 11s freewheel, QR15 / X12 outer plugs
- Crash Replacement Programme: returned rims not are replaced at 50% of the price list
- Rider weight limit: 100kg

- Weight per set: 27,5" 2.010g. 29" 2.130g.

OPTION: 27,5" or 29"

Bolt Thru-Axle

10/11s Shimano freewheel

500 or 1.000cc sealant

Meteor Bearing Tool Kit

Double wheelbag

**Option:**

Bolt thru-axes



Tubeless sealant



Bearing Tool Kit



Double wheelbag

WHPLA01	FRONT METEOR PLUS i40 BOOST 110 /31	27,5"	For Rock Shox Boost 110 forks (31mm dia. plugs)	€ 397
WHPLA02	FRONT METEOR PLUS i40 BOOST 110 /21		For Fox Boost 110 forks (21mm dia. plugs)	
WHPLA03	FRONT METEOR PLUS i40 BOOST 110 /31	29"	For Rock Shox Boost 110 forks (31mm dia. plugs)	
WHPLA04	FRONT METEOR PLUS i40 BOOST 110 /21		For Fox Boost 110 forks (21mm dia. plugs)	
WHPLP01	REAR METEOR PLUS i40 BOOST 12 x148mm	27,5"	For thru-axle Boost 12 x148	€ 527
WHPLP02	REAR METEOR PLUS i40 BOOST 12 x148mm	29"	For thru-axle Boost 12 x148	



METEOR - BOOST, RS-1, LEFTY

X-C PLUS

- Made in Italy
- Redesigned from previous Venus hubs, Meteor hubset is engineered to resist higher speeds and added stress from the constantly increasing width of tyres and rims
- Bearing size on rear hub has been increased to offer longer lifespan and less frequent maintenance
- Flange spacing has been designed for minimal difference in spoke tension between right and left side spokes
- Freewheel with four "Big Pawls" to evenly distribute the loads on a large surface
- Supplied with QR15 and X-12 outer caps (others are Options)
- Supplied with Sram XD 11s freewheel (other freewheel is Option)
- Three Rubber Lip Seals make the freewheel as well as outer bearings completely waterproof
- The toothed ring of the freewheel is in Titanium (8g. lighter than steel)
- The 15mm axles in Scandium light alloy are stiff and light.

- They are hard anodised for longer lifespan
- Holes: 28 or 32
- Finish: black anodised and laser etched
- Weight: 354g. set (120g front QR15+234g rear X12 / XD F/W)
 - 109g. front Lefty 119g. front Lefty Super Max
 - 165g. front RS-1 compatible
 - 163g. front Boost 110 Rock Shox (31mm dia caps)
 - 153g. front Boost 110 Fox (21mm dia caps)
 - 238g. rear Boost 12x148 / XD freewheel

- OPTION: 28 or 32 holes
 Freewheel 10-11s Shimano
 Bolt Thru-Axles
 Task Team Q.R. with QR9/QR10 caps for slotted fork/frame
 Bearing Tool Kit



Front compatible RS-1



Front Boost 15x110 / 31



Front compatible Lefty or Lefty Super Max

Freewheel 10-11s Shimano



Set QR15 / X12 with Sram XD 11s freewheel

FRONT METEOR QR15	32h	WHMA022	28 h	WHMA021	Thru-axle 15 x100mm	€ 115
FRONT METEOR QR9		WHMA012		WHMA011	For slotted fork + Task Team quick release	
FRONT LEFTY		WHMA032		WHMA031	Compatible Cannondale Lefty fork	€ 145
FRONT LEFTY SUPER MAX		WHMA042		WHMA041	Compatible Cannondale Lefty Super Max fork	
FRONT METEOR RS-1		WHMA052		WHMA051	15 x110mm. Compatible Rock Shox RS-1 fork	€ 124
FRONT METEOR Boost 110 / 31		WHMA062		WHMA061	15 x110mm. Dia. 31mm cap for Rock Shox Boost fork	
FRONT METEOR Boost 110 / 21		WHMA072		WHMA071	15 x110mm. Dia. 21mm cap for Fox Boost fork	
REAR METEOR 12 x142		WHMP012		WHMP011	Thru-axle 12 x142mm	€ 273
REAR METEOR 10 x135		WHMP022		WHMP021	For slotted frame + Task Team quick release	€ 282
REAR METEOR BOOST 12 x148		WHMP032		WHMP031	Thru-axle 12 x148mm	



METEOR Carbon Tubular Road Disc

Road

- Rims and hubs made in Italy
- Rims: carbon fibre tubulars for disc brakes. Dimensions 19 x 40mm
- Designed for Road Racing
- Spokes: bladed Sapim CX-Ray black. One length only
- Hubs: new FRM Meteor Road (see page 17)
- Holes: 28 / 28
- Compatible with Shimano / Sram 10-11s or Sram XD 11s
- Holes: 28 / 28
- Cyclist weight limit: 100kg
- Weight: 1.315g. set

OPTION: Freewheel 10/11s Shimano / Sram road
Freewheel Sram XD 11s (for 10-42 cogset)
Bearing Tool Kit
Double wheelbag



Option:



Task Team quick releases for slotted fork /frame



Bolt thru-axle



Bearing Tool Kit



Double wheelbag



WHRD11	FRONT METEOR CARBON TUBULAR QR9	For slotted fork + Task Team quick release	€ 1.981
WHRD21	FRONT METEOR CARBON TUBULAR QR12	For thru-axle 12 x100mm	
WHRD31	FRONT METEOR CARBON TUBULAR QR15	For thru-axle 15 x100mm	
WHRD41	REAR METEOR CARBON TUBULAR 10 x135mm	For slotted frame 10 x135mm + Task Team quick release	
WHRD51	REAR METEOR CARBON TUBULAR 12 x142mm	For thru-axle 12 x142mm	

QR15

QR12

X-12

Ti.
6Al-4V

METEOR AEROTEC Road Disc

Road

- Hubs and rims are made in Italy
- Compatible for Road, Gravel or Cyclocross
- Rims: DRC Aerotec Disc. 25x25mm asymmetric. Anodised and laser etched
- Inner width 18,5mm tyres as wide as 25 - 32 mm
- Asymmetric profile for lower difference in spoke tension between right and left sides. The tension difference between right / left spokes is less than 10% for a much more stable wheel
- Spokes: bladed Sapim CX-Ray black. One length only
- Hubs: new FRM Meteor Road (see below)
- Compatible with Shimano / Sram 10-11s or Sram XD 11s
- Holes: 28 / 28
- Cyclist weight limit: 100kg
- Weight: 1.580g. set

OPTION: Freewheel 10/11s Shimano / Sram road
Freewheel Sram XD 11s (for 10-42 cogset)
Bearing Tool Kit



Option:



Task Team quick releases for slotted fork / frame



Bolt thru-axles



Bearing Tool Kit

WHRD12	FRONT METEOR AEROTEC QR9	For slotted fork + Task Team quick release	€ 938
WHRD22	FRONT METEOR AEROTEC QR12	For thru-axle 12 x100mm	
WHRD32	FRONT METEOR AEROTEC QR15	For thru-axle 15 x100mm	
WHRD42	REAR METEOR AEROTEC 10 x135mm	For slotted frame 10 x135mm + Task Team quick release	
WHRD52	REAR METEOR AEROTEC 12 x142mm	For thru-axle 12 x142mm	

HUBSET METEOR ROAD DISC

Ti.
6Al-4V

Same specs as Meteor MTB except:

- Freewheel compatible Shimano/Sram 10-11s or Sram XD 11s for 10-42 cogset

FRONT METEOR QR9	28h	WHHA01	32h	WHHA02	€ 115
FRONT METEOR QR12		WHHA021		WHHA022	
FRONT METEOR QR15		WHHA031		WHHA032	
REAR METEOR 10 x135mm	28h	WHHP011	32h	WHHP012	€ 273
REAR METEOR 12 x142mm		WHHP031		WHHP032	



QR15

Boost
110

X-12

Boost
148Sram
XDTi.
6Al-4V

TITAN Carbon EN i30 (channel 30mm)

EN

27,5"

- Hubs and rims are made in Italy
- Tubeless Ready for standard tyres with Sealant
- Rims: FRM EVO Carbon EN i30 with 30mm inner width and titanium reinforcements at the nipples holes
- Asymmetric profile for lower difference in spoke tension between right and left sides. The tension difference between right and left spokes is less than 5% for a more stable wheel
- Spokes: Sapim Race 2,0-1,8-2,0mm. One length only: 262mm
- Hubs: FRM Titano Carbon Enduro (see page 21)
- Holes: 32 front & rear
- Supplied with Sram XD 11s freewheel, caps for QR15 / X12 and Tubeless Kit
- Crash Replacement Programme: returned rims not in warranty, replaced at 50% of the price list

- Rider weight limit: 110kg
- Weight: 1.780gr standard
1.800gr in versione Boos

OPTION: bolt Thru-axes
11s (XD) or 10s freewheel
500 or 1.000cc sealant
Bearing Tool Kit
Double wheelbag



Option:



Bolt thru-axes



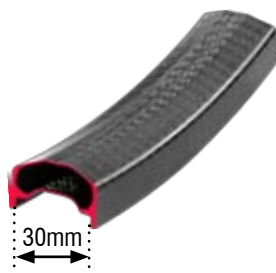
Tubeless sealant



Bearing Tool Kit



Kit Tubeless Tape included



30mm



WHENA01	FRONT TITAN CARBON EN i30 QR15	Thru-axle 15 x100mm	€ 1.017
WHENA02	FRONT TITAN CARBON EN i30 BOOST 110 /31	For Rock Shox Boost 110 fork (dia. 31mm caps)	
WHENA03	FRONT TITAN CARBON EN i30 BOOST 110 /21	For Fox Boost 110 fork (dia. 21mm caps)	
WHENP01	REAR TITAN CARBON EN i30 12 x142mm	Thru-axle 12 x142mm	€ 1.129
WHENP02	REAR TITAN CARBON EN i30 BOOST 12 x148mm	Thru-axle Boost 12 x148mm	

QR15

Boost
110

X-12

Boost
148Sram
XD

4 PAWL

ASYM



TITAN EN i29 (channel 28mm)

EN

27,5"

- Hubs are made in Italy
- Tubeless Ready for standard tyres with Sealant
- Rims: WRB Asym i29 650b with 28mm inner width
- Asymmetric profile for lower difference in spoke tension between right and left sides.
The tension difference between right and left spokes is less than 5% for a more stable wheel
- Spokes: Sapim Race 2,0-1,8-2,0mm. One length only
- Hubs: FRM Titano Carbon Enduro (see page21)
- Holes: 32 front & rear
- Supplied with Sram XD 11s freewheel, caps for QR15 / X12 and Tubeless Kit
- Crash Replacement Programme: returned rims not in warranty, replaced at 50% of the price list
- Rider weight limit: 110kg

- Weight: 1.900gr standard
1.940gr in versione Boos

- OPTION: bolt Thru-axes
11s (XD) or 10s freewheel
500 or 1.000cc sealant
Bearing Tool Kit
Double wheelbag



Kit Tubeless Tape included

WHENA04	FRONT TITAN EN i29 QR15	Thru-axle 15x100mm	€ 419
WHENA05	FRONT TITAN EN i29 BOOST 110 /31	For Rock Shox Boost 110 fork (dia. 31mm caps)	
WHENA06	FRONT TITAN EN i29 BOOST 110 /21	For Fox Boost 110 fork (dia. 21mm caps)	
WHENP03	REAR TITAN EN i29 12X142mm	Thru-axle 12x142mm	€ 536
WHENP04	REAR TITAN EN i29 BOOST 12X148mm	Thru-axle Boost 12x148mm	



TITAN FAT 80

FAT

26"

- Made in Italy
- Hubset: FRM Titan Carbon FAT. (see page 21)
- Rims: Answer Mulefoot SL 26". Width 80mm
- Spokes: DT Swiss 2,0-1,5-2,0mm. One length only: 257mm
- No difference in spoke tension between right and left sides for a super stable wheelset
- Holes: 32 / 32
- Supplied with Sram XD 11s freewheel and caps for quick releases of thru-axles
- Rider weight limit: 100kg

- Weight: 2.330g.

OPTION: 10-11s Shimano freewheel
Pro Fat quick releases (see page 21)
Bearing Tool Kit



WHTFTA8	FRONT TITAN FAT 80 135	For slotted fork with 135mm locknut	€ 388
WHTFTAM	FRONT TITAN FAT 80 150	For thru-axle fork 15 x150 mm	
WHTFTP8	REAR TITAN FAT 80 170	For slotted frame with 170mm locknut	€ 490
WHTFTP9	REAR TITAN FAT 80 177	For thru-axle frame 12 x177mm	
WHTFTPM	REAR TITAN FAT 80 190	For thru-axle frame 12 x197mm	

QR15

Boost
110

X-12

Boost
148Sram
XD

TITAN Carbon Enduro / DH

EN

DH

- Made in Italy
- Designed for heavy-duty Enduro racing, they feature large diameter flanges (68mm) and 15mm axles for optimal torsional rigidity
- CNC machined flanges from light alloy are bonded to carbon fibre center tubes
- Flange spacing has been designed for minimal difference in spoke tension between right and left sided spokes
- Freewheel with four "Big Pawls" to evenly distribute the loads on a large surface
- Three Rubber Lip Seals make the freewheel as well as outer bearings completely waterproof
- The toothed ring of the freewheel is in steel
- The 15mm axles in Scandium light alloy are stiff and light. Hard anodised for longer lasting lifespan
- Holes: 32-32
- Supplied with Sram XD 11s freewheel and outer caps QR15 / X12
- Finish: red anodised flanges and carbon fibre link tube
- Weight pair: 436g. (166+270) Boost 452g. (180+272) DH 457g. (168+289)



OPTION: bolt Thru-Axles
10/11s Shimano freewheel
Bearing Tool Kit



WHTAH3	FRONT TITAN CARBON ENDURO QR15	32f	Thru-axle 15 x100mm	€ 161
WHTAH4	FRONT TITAN CARBON BOOST 110 / 31		For Rock Shox Boost fork 15x110mm. (Cap dia. 31mm)	
WHTAH5	FRONT TITAN CARBON BOOST 110 / 21		For Fox Boost fork 15x110mm. (Cap dia. 21mm)	
WHTDAH1	FRONT TITAN CARBON DH		Thru-axle 20 x110mm	€ 166
WHTEPH3	REAR TITAN CARBON ENDURO 12 x 142		Thru-axle 12 x142mm	
WHTEPH4	REAR TITAN CARBON BOOST 12 x148		Thru-axle 12 x148mm	€ 273
WHTDPH1	REAR TITAN CARBON DH		Thru-axle 10 x150mm	
WHTDPH2	REAR TITAN CARBON DH		Thru-axle 12 x150mm	

TITAN Carbon Fat

QR15

X-12

Sram
XD

FAT

- Made in Italy
- Technical specs as Titan Carbon Enduro hubset
- Holes: 32-32
- Supplied with Sram XD 11s freewheel. Outer caps depend from the model type
- Pro Fat quick releases on request
- Finish: red anodised flanges and carbon fibre link tube
- Weight: Front 135mm 177g. Front 150mm 192g.
Rear 170mm 290g. Rear 197mm 306g.

OPTION: Pro Fat quick releases
10/11s Shimano freewheel
Bearing Tool Kit



WHFTA1	FRONT TITAN C. FAT 135mm	32h	For slotted forks. Pro Fat quick release is necessary	€ 193
WHFTA2	FRONT TITAN C. FAT 150mm		Thru-axle QR15 (Bluto)	
WHFTP1	REAR TITAN C. FAT 170mm		For slotted frames. Pro Fat quick release is necessary	€ 291
WHFTP3	REAR TITAN C. FAT 177mm		Thru-axle 12x177mm	
WHFTP2	REAR TITAN C. FAT 197mm		Thru-axle 12x197mm	€ 285

EVO i21 (channel 21mm)



X-C

29"

- Made in Italy
- Asymmetric profile for better and even spoke tension
- If coupled with FRM hubs the tension difference between right and left side spokes is less than 10%
- Black anodised and laser etched
- Holes: 32 with eyelets in stainless steel
- Tubeless Ready
- Dimensions: Width 24,3mm Height 17,7mm Inner width 21mm ERD 600mm
- Suggested spoke tension: 130kg
- Crash Replacement Programme: rims returned for damages not in warranty are replaced at 50% of the list price
- Rider Weight Limit: 95kg
- Weight: 380g. +11g. Tubeless Tape & Spark Air Valve



1. Asymmetric profile: 2mm

OPTION: Kit Tubeless Tape (Red carpet 23 + Spark air valves)

EVOA293	EVO i21 29"	32h	Light alloy 6082	€ 85
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EVO PLUS i40 (channel 40mm)

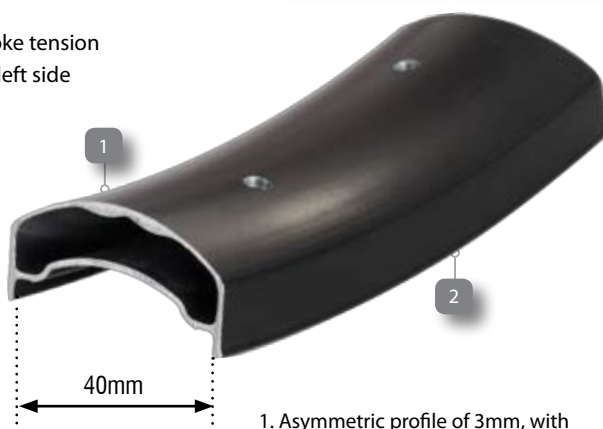


PLUS

29"

27,5"

- Made in Italy
- Asymmetric profile (3mm) and off-set holes (7mm) for better and even spoke tension
- If coupled with FRM Boost hubs the tension difference between right and left side spokes is less than 1%
- Black anodised and laser etched
- Holes: 32 with eyelets in stainless steel
- Tubeless Ready
- Hookless
- Dimensions: Width 44mm Height 18,7mm
Inner width 40mm ERD: 29" 599mm 650b 544mm
- Suggested spoke tension: 130kg
- Crash Replacement Programme: rims returned for damages not in warranty are replaced at 50% of the list price
- Rider Weight Limit: 110kg
- Weight: 650b 607g. 29" 650g.



1. Asymmetric profile of 3mm, with 7mm off-set holes
2. Hookless

EVOA401	EVO PLUS i40	650b	32h	Light alloy 6082	€ 145
EVOA402	EVO PLUS i40	29"			

PRO FAT QUICK RELEASE



FAT

- Made in Italy
- Lever CNC machined from light alloy
- Axle in 4,5mm dia. stainless steel
- Weight set 88g.



WHPFTA1	FRONT PRO FAT 135mm	For slotted fork with 135mm locknut	€ 22
WHPFTA2	FRONT PRO FAT 150mm	For slotted fork with 150mm locknut	
WHPFTP1	REAR PRO FAT 170mm	For slotted frame with 170mm locknut	
WHPFTP2	REAR PRO FAT 190mm	For slotted frame with 190mm locknut	

BOLT THRU-AXLE

Road

X-C

EN

- Made in Italy
- Bolt system for extreme weight reduction and to make the wheel change faster than with quick releases
- CNC machined from 7075 light alloy
- Hard anodised
- Weight: front QR15 Rock Shox 38g.
- front QR15 Fox 43g.
- rear E-Thru 12x142mm 38g.
- rear Maxle 12x142 38g.



This product was selected by
Andrea Tiberi for the World Cup

WHTA012	FRONT BOLT ROAD QR12	M12x1,5mm L. 119mm	€ 48
WHTA013	FRONT BOLT ROAD QR15	M15x1,5mm L. 125mm	€ 59
WHTA006	FRONT BOLT QR15 MARZOCCHI 320 RAKE 51 2015	M15x1,5mm L. 144mm	
WHTA001	FRONT BOLT QR15 ROCK SHOX (ANCHE RS-1)	M15x1,5mm L. 148mm	
WHTA014	FRONT BOLT QR15 ROCK SHOX BOOST 110	M15x1,5mm L. 158mm	
WHTA002	AFRONT BOLT QR15 FOX	M14x1,5mm L.146mm	
WHTA003	REAR E-THRU 12X142. Supplied with splined nut	M12x1,5mm L. 171mm	
WHTA004	REAR MAXLE 12X142	M12x1,75mm L. 174mm	
WHTA008	REAR MAXLE BOOST 12X148 / 12X150	M12x1,75mm L. 182mm	
WHTA005	REAR MAXLE 12X142 SPLIT PIVOT (TREK FULL SUSPENDED)	M12x1,75mm L. 195mm	

TASK TEAM Quick release

Road

X-C

- Thru-axle type quick release for slotted forks and frames
- CNC machined from light alloy
- 9mm front and 10mm rear axles
- Solid axles in light alloy, hard anodised
- Compatible with QR9 front hubs and QR10 rear hubs
- Weight: 78g. pair (33+45g.)



OPTION: Red, Black
front or rear only

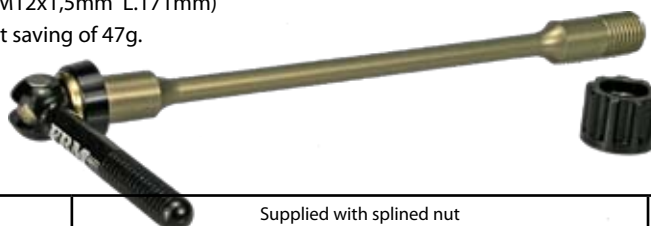
WHTT01N	SET TASK TEAM	Black	€ 71
WHTT01R	SET TASK TEAM	Red	
WHTTF1N	FRONT TASK TEAM	Black	€ 40
WHTTF1R	FRONT TASK TEAM	Red	
WHTTR1N	REAR TASK TEAM	Black	
WHTTR1R	REAR TASK TEAM	Red	

TASK E-THRU thru-axle quick release

X-12

X-C

- Rear quick release, E-Thru 12x142mm (Shimano standard M12x1,5mm L.171mm)
- Replaces the original Shimano SM-AX75 (90g.) for a weight saving of 47g.
- Supplied with splined nut
- Finish: black anodised lever
- Weight: 43g.



WHTET12	TASK E-THRU	Supplied with splined nut	€ 50
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TUBELESS SEALANT

- Made in Germany. Used by top racers in the World Cup
- Converts tube tyres into Tubeless with Tubeless Tape and Spark air valves
- Seals also UST tyre
- If used correctly, it can seal holes up to 6mm
- 50 to 80cc of sealant is needed depending on the tyre dimensions
- Available in 500cc or 1000cc bottles

SIG0500	TUBELESS SEALANT	500ml	€ 21
SIG1000	TUBELESS SEALANT	1.000ml	€ 35



This product was selected by Andrea Tiberi for the World Cup

TUBELESS TAPE

- To convert normal wheelsets to Tubeless together with Spark Air Valves
- 5mt tape roll for two 29" wheels
- 50mt tape rolls for shops
- Compatible with Tubeless Ready rims
- Kits are supplied with one tape roll, two Spark Air valves and 500cc Sealant
- Weight per 29" wheel: 9 - 13g.

OPTION:

- Red Carpet 23mm wide for 21-24mm rim inner width
- Red Carpet Tape 26mm wide for 25-29mm rim inner width
- Red Carpet Tape 31mm wide for +30mm rim inner width
- Kit Tubeless 500 / 23: sealant + tape 23mm + two Spark valves
- Kit Tubeless 500 / 26: sealant + tape 26mm + two Spark valves
- Kit Tubeless 500 / 31: sealant + tape 31mm + two Spark valves

SIGWT05	RED CARPET 5mt x 23mm	€ 7,8
SIGRC05	RED CARPET 5mt x 26mm	€ 7,8
SIGRC35	RED CARPET 5mt x 31mm	€ 8,7
SIGWT50	RED CARPET 50mt x 23mm	€ 43
SIGRC50	RED CARPET 50mt x 26mm	€ 49
SIGRC55	RED CARPET 50mt x 31mm	€ 57
SIGKWT	KIT TUBELESS 500 / 23	€ 45
SIGKRC	KIT TUBELESS 500 / 26	€ 45
SIGKRC3	KIT TUBELESS 500 / 31	€ 46



SPARK AIR VALVE

- For use with Red Carpet to convert traditional tube wheels into Tubeless
- Compatible with Tubeless Ready rims (see specs of rim manufacturer)
- Presta type with removable core
- Weight: 7,5g.

SIGSAVP	SPARK AIR VALVE	Set of 2 pcs	€ 15
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CORE Spark air valve

- Removable core of Spark Air Valves
- Replacement is sometimes necessary when sealants dry out and lock out the needle

SIGSAVC	VALVE CORE	10pcs	€ 22
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FRM

B I K E T E C H N O L O G Y



light-weight racing parts since 1990

2015 Enduro Italian Champion Alex Lupato
of FRM Team Factory in action



Crankset - Chainring - Conversions - Chain guide

CU3-M11. Syncro-Ring

X-C

- Made in Italy
- Compatible with 1x10 or 1x11 drivetrains
- Low Profile lever shape
- Lever CNC machined from Scandium light alloy.
- Black Hard Anodised levers. Extremely long lasting finish
- 25mm axle, CNC machined from Scandium alloy. Hard anodised
- Double-seal bearings with dust seals
- CNC machined spider compatible with Sram XX1 (BCD 76mm) single rings
- FRM Syncro-Rings XX1 with narrow/wide tooth Syncro profile
- Chainguides are not necessary
- Torx type Chainring Fixing Bolts in light alloy (XX1 compatible M8,4x0,75mm)
- Q-Factor: 163mm Chainline: 49mm
- Rider Weight Limit: 90kg
- Weight without BB (172,5mm / 32d): 560g.
- Weight of BB: BSA: 87g.
Press-Fit: 65g.
BB30 / Press-Fit30: 70g.

OPTION: Syncro-Ring XX1: 28t - 30t - 32t - 34t
 Arm length: 170 - 172,5 - 175 - 178mm
 Bottom Bracket: BSA 68 or 73mm
 BB30 73 or 84,5mm
 Press-Fit 89,5 or 92mm
 Press-Fit 30 73mm



1. Gold plated Titanium hardware
2. Replaceable spider compatible with XX1 (76mm) rings
3. Syncro-Ring chainring with narrow/wide tooth profile
4. Low Profile lever shape

C112801	170mm. S-R 28t.	C112802	172,5mm. S-R 28t.	C112803	175mm. S-R 28t.	C112804	178mm. S-R 28t.	Price includes the bottom bracket. BB code must be specified (see BB section at page 33)	€ 500
C113001	170mm. S-R 30t.	C113002	172,5mm. S-R 30t.	C113003	175mm. S-R 30t.	C113004	178mm. S-R 30t.		
C113201	170mm. S-R 32t.	C113202	172,5mm. S-R 32t.	C113203	175mm. S-R 32t.	C113204	178mm. S-R 32t.		
C113401	170mm. S-R 34t.	C113402	172,5mm. S-R 34t.	C113403	175mm. S-R 34t.	C113404	178mm. S-R 34t.		

CU3-WT. Syncro-Ring

EN

FAT

- Made in Italy
- Same specs of CU3-M11 X-Country cranks except:
- Lever profile compatible with tires of large dimensions
- Q-Factor Enduro : 163mm Chainline: 49mm
- Q-Factor FAT: 170,5mm Chainline: 65mm
- Arm length: 172,5 mm only
- The axle of FAT type is designed for shells BSA 100mm long or Press-Fit 121mm long
- Weight Enduro without Bottom Bracket (32T): 575g.
- Weight FAT without BB (28T): 610g.
- Weight of BB: BSA: 87g.
Press-Fit: 65g.
BB30 / Press-Fit30: 70g.

OPTION: Enduro or Fat
 Syncro-Ring XX1: 28T - 30T - 32T - 34T
 Bottom Bracket: BSA 68 or 73mm
 BB30 73 or 84,5mm
 Press-Fit 89,5 or 92mm
 Press-Fit 30 73mm
 Fat BSA 100mm
 Fat Press Fit 121mm



1. Gold plated Titanium hardware
4. Lever shape for clearance with wide tyres

CWT2802	CU3-WT 172,5mm. SYNCRO RING 28t.	Price includes the bottom bracket. BB code must be specified (see BB section)	€ 500
CWT3002	CU3-WT 172,5mm. SYNCRO RING 30t.		
CWT3202	CU3-WT 172,5mm. SYNCRO RING 32t.		
CWT3402	CU3-WT 172,5mm. SYNCRO RING 34t.		
CWTF01	CU3-WT FAT 100 172,5mm. SYNCRO RING 28t.		
CWTF02	CU3-WT FAT 100 172,5mm. SYNCRO RING 30t.		

CU3-M11. N-C Power XX1

X-C

- Made in Italy
- The best for racers wanting the most performing non-circular rings existing, conformed to the Osymetric patent (see page 30)
- Lever CNC machined from Scandium light alloy
- Black Hard Anodised levers. Extremely long lasting finish
- Replaceable spider compatible XX1 rings (BCD 76mm)
- Non-Circular N-C Power ring with Syncro narrow/wide tooth profile
- 25mm axle, CNC machined from Scandium alloy. Hard anodised
- Double-seal bearings with dust seals
- Q-Factor: 163mm
- Chainline: 49mm
- Chaining dimensions:
 - 30t 141x115mm
 - 32t 150x125mm
 - 34t 158x129mm
- Rider weight limit: 90kg
- Weight w/out BB (172,5mm): 580g.
- Weight of BB:
 - BSA: 87g.
 - Press-Fit: 65g.
 - BB30 / Press-Fit30: 70g.

- OPTION:
- Arm length: 170 - 172,5 - 175 - 178 mm
 - N-C Power XX1: 30T - 32 - 34T
 - Bottom Bracket: BSA 68 or 73mm
BB30 73 or 84,5mm
Press-Fit 89,5 or 92mm
Press-Fit 30 73mm



- 1. Gold plated Titanium hardware
- 2. Replaceable spider compatible XX1 (76mm) chainrings

- 3. Non circular N-C Power chaining with Syncro narrow/wide tooth profile
- 4. Low Profile lever shape for single chainrings



C11NC01	170mm N-C 30t.	C11NC02	172,5mm N-C 30t.	C11NC03	175mm N-C 30t.	C11NC04	178mm N-C 30t.	Price includes the bottom bracket. BB code must be specified (see BB section at page 33)	€ 500
C11NC21	170mm N-C 32t.	C11NC22	172,5mm N-C 32t.	C11NC23	175mm N-C 32t.	C11NC24	178mm N-C 32t.		
C11NC11	170mm N-C 34t.	C11NC12	172,5mm N-C 34t.	C11NC13	175mm N-C 34t.	C11NC14	178mm N-C 34t.		

CU3-WT. N-C Power XX1

EN

- Made in Italy
- Same specs of CU3-M11 X-Country cranks except:
- Lever profile compatible with tires of large dimensions
- Arm length: 172,5 mm only
- Weight w/out Bottom Bracket (172,5): 575g.
- Weight of bottom brackets:
 - BSA: 87g.
 - Press-Fit: 65g.
 - BB30 / Press-Fit30: 70g.

- OPTION:
- N-C Power XX1: 30T - 32T - 34T
 - Bottom Bracket: BSA 68 or 73mm
BB30 73 or 84,5mm
Press-Fit 89,5 or 92mm
Press-Fit 30 73mm



- 1. Gold plated Titanium hardware
- 4. Lever shape for clearance with wide tyres



CWTNC02	CU3-WT N-C Power XX1 30t. 172,5mm.	Price includes the bottom bracket. BB code must be specified (see BB section)	€ 500
CWTNC22	CU3-WT N-C Power XX1 32t. 172,5mm.		
CWTNC12	CU3-WT N-C Power XX1 34t. 172,5mm.		

CU3-M11 NS - CU3-M11 NS Boost. N-C Power

X-C

- Made in Italy
- The best for racers wanting the most performing non-circular rings existing, conformed to the Osymetric patent (see page 31)
- Lever CNC machined from Scandium light alloy
- Black Hard Anodised levers. Extremely long lasting finish
- NS (No Spider) chainrings for direct mount
- Non-Circular N-C Power ring with Syncro narrow/wide tooth profile
- 25mm axle, CNC machined from Scandium alloy. Hard anodised
- Double-seal bearings with dust seals
- Q-Factor: standard or Boost 163mm
- Chainline: standard 49mm Boost 52mm
- Chainring dimensions: 30t 141x115mm
32t 150x125mm
34t 158x129mm
- Rider weight limit: 90kg
- Weight w/out BB (172,5mm): 560g.
- Weight of BB: BSA: 87g.
Press-Fit: 65g.
BB30 / Press-Fit30: 70g.

OPTION:

Arm length: 170 - 172,5 - 175 - 178 mm
 N-C Power NS: 32t
 N-C Power NS Boost: 30 - 32 - 34t
 Bottom Bracket: BSA 68 or 73mm
 BB30 73 or 84,5mm
 Press-Fit 89,5 or 92mm
 Press-Fit 30 73mm



1. Gold plated Titanium hardware
 2. NS (No Spider) chainrings

3. Non circular N-C Power chainring with Syncro narrow/wide tooth profile
 4. Low Profile lever shape for single chainrings

CNSNC11	170mm NS N-C 32t.	CNSNC12	172,5mm NS N-C 32t.	CNSNC13	175mm NS N-C 32t.	CNSNC14	178mm NS N-C 32t.	€ 478
CBSNC01	170mm NS Boost 30t.	CBSNC02	172,5mm NS Boost 30t.	CBSNC03	175mm NS Boost 30t.	CBSNC04	178mm NS Boost 30t.	€ 459
CBSNC11	170mm NS Boost 32t.	CBSNC12	172,5mm NS Boost 32t.	CBSNC13	175mm NS Boost 32t.	CBSNC14	178mm NS Boost 32t.	
CBSNC21	170mm NS Boost 34t.	CBSNC22	172,5mm NS Boost 34t.	CBSNC23	175mm NS Boost 34t.	CBSNC24	178 mm NS Boost 34t.	

Price includes the bottom bracket. BB code must be specified (see BB section)

CU3-WT NS - CU3-WT NS Boost N-C Power

EN

- Made in Italy
- Same specs of CU3-M11 NS X-Country cranks except:
- Lever profile compatible with tires of large dimensions
- Arm length: 172,5 mm only
- Weight w/out Bottom Bracket (172,5): 575g.
- Weight of bottom brackets: BSA: 87g.
Press-Fit: 65g.
BB30 / Press-Fit30: 70g.

OPTION:

N-C Power NS: 32t
 N-C Power NS Boost: 30 - 32 - 34t
 Bottom Bracket: BSA 68 or 73mm
 BB30 73 or 84,5mm
 Press-Fit 89,5 or 92mm
 Press-Fit 30 73mm



1. Gold plated Titanium hardware
 4. Lever shape for clearance with wide tyres



CNSNCW2	CU3-WT NS N-C Power 32t. 172,5mm.	Price includes the bottom bracket. BB code must be specified (see BB section)	€ 478
CBSNCW2	CU3-WT NS N-C Power Boost 30t. 172,5mm.		
CBSNCW3	CU3-WT NS N-C Power Boost 32t. 172,5mm.	Price includes the bottom bracket. BB code must be specified (see BB section)	€ 459
CBSNCW4	CU3-WT NS N-C Power Boost 34t. 172,5mm.		

SYNCRO RINGS XX1 28 - 30 - 32 - 34t

XX1
76

Syncro
teeth

- Made in Italy
- Narrow and wide tooth profile to reduce the likelihood of dropping the chain
- CNC machined from 7075 aluminium
- Polished, anodised Black and laser etched
- Compatible with original Sram XX1 (BCD 76mm) or other compatible cranksets with 10 or 11 speed cogsets
- No need for a chainguide
- Weight: 28T 35g. 30T 39g. 32T 43g. 34T 50g. (8/10g. lighter than Sram XX1)



SYNCRO Tooth Profile

CRSX000	SYNCRO-RING XX1 28t	Compatible XX1 BCD 76mm	Black	€ 70
CRSX001	SYNCRO-RING XX1 30t			
CRSX002	SYNCRO-RING XX1 32t			
CRSX003	SYNCRO-RING XX1 34t			

N-C POWER XX1 - X01 - X1 30 - 32 - 34t

N-C
Power

Syncro
teeth

XX1
76

X01
94

- Made in Italy
- Compatible with Sram XX1 (BCD 76mm) or X01/X1 (BCD 94mm) and 10 or 11s drivetrains
- N-C Power chainrings are shaped to help deliver optimum power from your legs to the pedals
- The non-circular profile conforms to the Osymetric patent
- Field Tests: Aerobic Power + 10% Aerobic Threshold + 12% Acidity about - 10%
- The 34T non-circular ring creates a continuous shift in drive from 30T on slopes to 38T on flats
- Higher accelerations, more speed on flats and higher tire control on extreme slopes is possible !
- Narrow/wide tooth Syncro profile to reduce the likelihood of dropping a chain,
- Outer dimensions: 30t 115x141mm 32t 150x125mm 34t 158x129mm
- Weight: 34T XX1: 59g. 34T X01: 54g. 30T XX1: 38g.



SYNCRO Tooth Profile

This product was selected by Andrea Tiberi for the World Cup

CRSNC1	N-C POWER XX1 30t	Compatible XX1 BCD 76mm	Nero	€ 118
CRSNC5	N-C POWER XX1 32t			
CRSNC2	N-C POWER XX1 34t			
CRSNC3	N-C POWER X01/X1 34t	Compatible X01/X1 BCD 94mm		

N-C POWER NS - N-C POWER NS Boost 30 - 32 - 34t

FRM
compat.

NS
NoSpider

Syncro
teeth

Boost
148

N-C
Power

- Made in Italy
- Compatible with FRM CU2 / CU3 cranksets without spider (direct mount) and frames with locknuts 135mm, 142mm or Boost 148mm
- N-C Power chainrings are shaped to help deliver optimum power from your legs to the pedals
- The non-circular profile conforms to the Osymmetric patent
- Field Tests: Aerobic Power + 10% Aerobic Threshold + 12% Acidity about - 10%
- The 34T non-circular ring creates a continuous shift in drive from 30T on slopes to 38T on flats
- Higher accelerations, more speed on flats and higher tire control on extreme slopes is possible !
- Narrow/wide tooth Syncro profile to reduce the likelihood of dropping a chain,
- Outer dimensions: 30t 115x141mm
32t 150x125mm
34t 158x129mm



CRNSNC2	N-C POWER NS 32t	Compat. FRM CU2 / CU3 for 49mm chainline (standard)	Black	€ 118
CBNSNC1	N-C POWER NS BOOST 30t	Compat. FRM CU2 / CU3 for 52mm (Boost) chainline		
CBNSNC2	N-C POWER NS BOOST 32t			
CBNSNC3	N-C POWER NS BOOST 34t			

N-C POWER DIRECT-MOUNT 32t offset 6mm

DIRECT
MOUNT

Syncro
teeth

N-C
Power

- Made in Italy
- Compatible with many Sram cranksets to convert into singles without spider. The original Sram spider is disassembled and replaced by the Direct-Mout chainring
- N-C Power chainrings are shaped to help deliver optimum power from your legs to the pedals
- The non-circular profile conforms to the Osymmetric patent
- Field Tests: Aerobic Power + 10% Aerobic Threshold + 12% Acidity about - 10%
- The 34T non-circular ring creates a continuous shift in drive from 30T on slopes to 38T on flats
- Higher accelerations, more speed on flats and higher tire control on extreme slopes is possible !
- Narrow/wide tooth Syncro profile to reduce the likelihood of dropping a chain,
- Outer dimensions: 32t 150x125mm



CDNSNC2	N-C POWER DIRECT-MOUNT 32t "Off-set 6mm"	Compat. Sram GXP XX1-X01-X0-X9-X1 or BB30 X0-X9 38/24, 36/22.	Black	€ 118
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SYNCRO RING BBS (BAFANG) 32 - 36t

Syncro
teeth

E-Bike

- Made in Italy
- Expecially designed for Bafang BBS01 / BBS02 engines which are supplied with 46T or 48T steel chainrings Lighter and smaller, the FRM BBS chainring will help you on steep uphill as well as produce higher cadence
- Improved chainline
- The weigh saving is 100 g. when replacing the original rings
- CNC machined from 7075 light alloy
- Black anodised and laser etched
- Narrow-wide Syncro-Ring teeth avoid the necessity of chainguides



CRSBS2	SYNCRO RING BBS 32t	Compatible Bafang BBS 01 36V 250Watt - 36V 350Watt - 48V 350Watt. BBS 02 36V 500Watt - 48V 500Watt	€ 96
CRSBS1	SYNCRO RING BBS 36t		

N-C POWER 104 34t

**N-C
Power**

**Syncro
teeth**

**BCD
104**

- Made in Italy
- N-C Power chainrings are shaped to help deliver optimum power from your legs to the pedals
- The non-circular profile conforms to the Osymmetric patent
- Field Tests: Aerobic Power + 10% Aerobic Threshold + 12% Acidity about - 10%
- The 34T non-circular ring creates a continuous shift in drive from 30T on slopes to 38T on flats
- Higher accelerations, more speed on flats and higher tire control on extreme slopes is possible!
- Syncro narrow/wide tooth profile to reduce the likelihood of dropping a chain,
- Compatible with four-arm BCD 104mm, double or triple and 10 or 11s drivetrains
- Outer dimensions: 34t 158x129mm
- Supplied with four spacers for converting triples (not necessary on double cranksets BCD 104mm)
- Weight: 34T 104: 51g.



CRSNC4	N-C POWER 104 34t	Spacers to convert triples included	Black	€ 118
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SYNCRO-RINGS 104 30 - 32 - 34t Conversion 1x

**Syncro
teeth**

**BCD
104**

- Made in Italy
- Convert triple or double 104mm BCD 4-arm cranksets into singles with 10 or 11 speed cogsets
- Syncro narrow and wide tooth profile to avoid the likelihood of dropping the chain
- CNC machined from 7075 aluminium
- Polished, anodised Black and laser etched
- 32 and 34t rings are supplied with four adaptors for triple conversion

- 30t ring is supplied with its specific Assembly Kit (12 adaptors+12bolts for double or triple conversions)
- Weight: 30T 40gr 32T 39g. 34T 46g.



CRS1040	SYNCRO-RING 104mm 30t	Assembly kit included	104mm BCD	Black	€ 88
CRS1041	SYNCRO-RING 104mm 32t	Spacers to convert triples included	104mm BCD	Black	€ 70
CRS1042	SYNCRO-RING 104mm 34t				
CR3205	CONVERSION KIT TO CONVERT TRIPLES INTO DOUBLES OR SINGLES		4pz	Red	€ 9

SPIDER SINGLE XX1 76mm Conversion 1x

**FRM
compat.**

- Compatible with Sram XX1 single chainrings
- Convert FRM CU2 and CU3-M cranksets to singles for Sram XX1 chainrings or Syncro-Ring either round or N-C (non-circular)
- Specific M8,4x0,75 mm bolts for original XX1 rings are included



CU3SXX1	SPIDER SINGLE XX1 FOR CU2 / CU3	Fixing bolts included	€ 92
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NS Tool 25

FRM
compat.

- Tool to disassemble the NS chainrings or the four-arm spider



CSNS25	NS TOOL 25	€ 24
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CHAINRING FIXING BOLTS

- Made in Italy
- CNC machined from 7010 light alloy.
- Torx 30
- Set of male and female of standard dimensions
- Dimensions: M8 x 0,75mm Thread length: 7,8mm
- FRM laser etched

OPTION: Red, Black



CRCHB3N	KIT CHAINRING FIXING BOLTS	4pcs	Black	€ 24
CRCHB3R	KIT CHAINRING FIXING BOLTS	4pcs	Red	

MALE BOLTS Compatible XXI rings

- Made in Italy
- Compatible with Sram XX1 and FRM XX1 rings only
- CNC machined from 7010 light alloy
- Torx 30
- Dimensions: M8,4 x 0,75mm Thread length: 5,8mm
- Black anodised and FRM laser etched
- Set of four male pcs.



CRCHF2	MALE BOLTS FOR XX1 CHAINRINGS	4pcs	€ 11
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MALE BOLTS Compat. FRM spider

FRM
compat.

- Made in Italy
- Compatible with single or double FRM spiders only
- CNC machined from 7010 light alloy
- Brugola esagonale 6mm
- Dimensions: M10 x 1mm Thread length: 9,5mm
- Red anodised
- Set of four male pcs.



CRCHF1	MALE BOLTS FOR FRM SPIDER SINGLE/DOUBLE	4pcs	€ 11
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BSA 68 - 73mm

FRM
compat.

- Two threaded bearing cups in light alloy (left and right)
- Two double seal bearings 37 x 25 x 7mm
- Two 2,5mm alloy spacers for use with 68mm BB shells
- Two seal shields
- Weight: 87g



Compatible with FRM crankssets only

CSBB001	BSA BOTTOM BRACKET	BSA threaded	€ 93
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PRESS-FIT 89,5 - 92 - 121mm

FRM
compat.

- Two plastic bearing cups (dia. 41mm Shoulder 2mm)
- Two double seal bearings 37 x 25 x 7mm
- Two 1,25mm spacers for use with 89,5mm BB shells
- Two seal shields
- Bearing press tool
- Weight: 65g



Compatible with FRM crankssets only

CSBB003	PRESS-FIT BOTTOM BRACKET	Frame bore 41mm	€ 93
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BB30 73 - 84,5mm

FRM
compat.

- Two plastic bearing cups (dia. 42mm. Shoulder 6mm)
- Two double seal bearings 37 x 25 x 6mm
- Two plastic spacers for use with 73mm BB shell
- Two seal shields
- Bearing press tool
- Weight: 70g



Compatible with FRM crankssets only

CSBB002	BB30 BOTTOM BRACKET	Frame bore 42mm	€ 93
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PRESS-FIT30 73mm

FRM
compat.

- Two plastic bearing cups (dia. 46mm)
- Two double seal bearings 37 x 25 x 7mm
- Two seal shields
- Plastic spacers
- Bearing press tool
- Weight: 70g



Compatible with FRM crankssets only

CSBB004	PRESS-FIT 30 BOTTOM BRACKET	Frame bore 46mm	€ 93
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KCU Carbon Ti

Ti.
6Al-4V

X-C

EN

- Made in Italy
- For X-country and Enduro bikes with single rings
- Inner and outer cages made from moulded carbon fibre. Embossed FRM logo
- Collar (34,9mm) and Direct-Mount adapters in 7075 light alloy
- Titanium hardware (8 pcs)
- Designed to also be compatible with extreme oval shaped rings
- Weight: High Collar 35g. Low Collar 33g. Direct-Mount S3 30g.



DIRECT MOUNT S3

1. Gold plated titanium hardware



LOW COLLAR



HIGH COLLAR

HIGH DIRECT MOUNT

CG00004	KCU CARBON TI. HIGH DIRECT MOUNT	€ 151
CG00003	KCU CARBON TI. DIRECT MOUNT S3	€ 151

CG00002	KCU CARBON TI. LOW COLLAR	€ 151
CG00001	KCU CARBON TI. HIGH COLLAR	€ 151

COG LG42T Conversion from 11-36 to 11-42

X-C

EN

- Made in Italy
- Convert 10s 11-36 Sram or Shimano cassettes into 10s 11-42
- CNC machined from 7075 light alloy
- The single 17t cog of the original cassette will be disassembled
- Black or red anodised and laser etched
- Cassette compatibility: Sram X5 (PG1030), X7 (PG1050), X9 (PG1070)
Shimano XT (CS-M771), XTR (CS980)
- Derailleur compatibility: any Sram or Shimano long or medium cage
- Chain and shifter compatibility: any 10s mountain chain or shifter
- Weight: 80gr

FRM is not responsible for conversions where the small 11t cog is disassembled from the cassette



PIG42N	LG42T COG	Black	€ 90,0
PIG42R	LG42T COG	Red	

FRM

B I K E T E C H N O L O G Y



light-weight racing parts since 1990



Andrea Tiberi at the final race of the World Cup in Val di Sole

Stems - Handlebars - Grips

HS-M156 Ti

Ti
6Al-4V

Road

X-C

1. Gold plated titanium hardware



This product was selected by Andrea Tiberi for the World Cup



- Made in Italy
- CNC machined from a solid billet of Scandium light alloy
- Titanium hardware gold plated (6pcs)
- 15° negative angle
- Removeable front cap at 4 bolts
- 39mm of body diameter for more than standard torsion stiffness
- Perfect for 29" and 27,5" bikes
- The FRM Web-Bar Low profile handlebars are an ideal match
- Stack height (headset collar): 37mm
- Black anodised and laser etched
- Rider Weight Limit: 90kg
- Weight: 108g. 70mm 115g. 80mm 120g. 90mm 126g. 100mm 130g. 110mm

OPTION: length: 70 - 80 - 90 - 100 - 110mm
front cap Black or Red

Distance between contact surface with headset and handlebar center

- 70mm +6mm
- 80mm: +4mm
- 90mm: +2mm
- 100mm: - 1mm
- 110mm: - 3mm

HS15601	HS-M156 Ti. 15°	70mm	Black	€ 146
HS15611	HS-M156 Ti. 15°	70mm	Red	
HS15602	HS-M156 Ti. 15°	80mm	Black	
HS15612	HS-M156 Ti. 15°	80mm	Red	
HS15603	HS-M156 Ti. 15°	90mm	Black	
HS15613	HS-M156 Ti. 15°	90mm	Red	
HS15604	HS-M156 Ti. 15°	100mm	Black	
HS15614	HS-M156 Ti. 15°	100mm	Red	
HS15605	HS-M156 Ti. 15°	110mm	Black	
HS15615	HS-M156 Ti. 15°	110mm	Red	
HSSP05	PRO SPACER 11/8" 5 mm			€ 3,0
HSSP10	PRO SPACER 11/8" 10 mm			€ 3,3

HS-G50 Enduro Ti

Ti
6Al-4V

EN

- Made in Italy
- CNC machined from light alloy
- Designed for gravity racing, specifically for Enduro racing
- Length 40 - 50 - 60mm
- Handlebar dia.: 31,8mm
- Stack height (headset collar): 30mm
- Titanium hardware (6pcs)
- Black anodised and laser etched
- Rider Weight Limit: 90kg
- Weight: 40mm 139g. 50mm 129g. 60mm 160g.



1. Gold plated titanium hardware



HSED00	HS-G50 Ti	40mm	Black	€ 99
HSED01	HS-G50 Ti	50mm		
HSED02	HS-G50 Ti	60mm		

WEB-BAR Enduro Carbon Low Profile

MONO
COQUE

EN

- Made in Italy unfer FRM licence
- 100% Spread Tow carbon fibre with T800 high module reinforcements
- Flat, with width and angle ideal for Enduro 29" or 27,5" bikes
- Off-centre: the bar height from ground can be modified by 10mm simply flipping the bar
- Not for DH
- Width: 760mm.
- Diameter 31,8 / 22,2mm
- Bend: 9° Backwards
- Rider Weight Limit: 110kg
- Weight: 175g. +/- 5g.



Product Quality Notice
Small surface imperfections of this product add an unmistakable value to the workmanship of our "made in Italy"



ASYMMETRIC PROFILE (Reversible). WIDTH 760mm

HBL0003	WEB-BAR ENDURO CARBON LOW PROFILE	€ 219
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WEB-BAR 129 Carbon Low Profile

MONO
COQUE

X-C

- Made in Italy under FRM licence. Proprietary design and moulds
- 100% carbon fibre with super high module (aeronautical grade) reinforcements
- Cured in autoclave at 7 Bars
- Flat with ideal width and angle for X-Country 29" or 27,5" bikes
- Off-centre: the bar height from the ground can be modified by 10mm simply by flipping the bar
- Width: 700mm
- Diameter 31,8 / 22,2mm

- Bend: 9° backwards
- Rider Weight Limit: 90kg
- Weight: 110g. +/-5g.

Product Quality Notice

Small surface imperfections of this product add an unmistakable value to the workmanship of our "made in Italy"



This product was selected by Andrea Tiberi for the World Cup

FLAT, ASYMMETRIC (Reversible)

HBL0000

WEB-BAR 129 Carbon Low Profile

€ 239

WEB-BAR 329 Carbon Low Profile

MONO
COQUE

X-C

- Made in Italy under FRM licence. Proprietary design and moulds
- 100% carbon fibre with T700 high module reinforcements
- Flat with ideal width and angle for X-Country 29" or 27,5" bikes
- Off-centre: the bar height from the ground can be modified by 10mm simply by flipping the bar
- Width: 700mm
- Diameter 31,8 / 22,2mm
- Bend: 9° Backwards
- Rider Weight Limit: 100kg
- Weight: 135g. +/- 5g.

Product Quality Notice

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FLAT, ASYMMETRIC (Reversible)

HBL0002

WEB-BAR 329 Carbon Low Profile

€ 199

SILICONE Grips Off-Centre

X-C

EN

FAT

- Made of memory-form silicone
- Off-centre for lighter weight
- Smaller diameter with unchanged padding comfort
- Slip-proof wet or dry, reduces hand fatigue
- Will not harden or fade with time
- No glue or lock-ons are required

- Washable
- Length 120mm
- Diameter: 33mm
- Packaged into an FRM water bottle
- Weight: 72g. pair



Asymmetric profile. Rotate with the thicker side toward the hand palm



HBG0001

SILICONE GRIPS Off-Centre

120mm

Black

€ 23

BMX Grips 130

X-C

EN

FAT

- Made in Kraton rubber
- New drive style "BMX Control"
- Soft and comfortable
- No glue or lock-ons are required
- Washable
- Flangia per proteggere le mani dai comandi
- Length 130mm
- Diameter: 30mm
- Weight: 105g. set

OPTION

Set of White

Set of Red

Set of White and Red



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HBG0003

BMX-GRIPS 130

White

HBG0004

BMX-GRIPS 130

Red

HBG0005

BMX-GRIPS 130

White-Red

Length 130mm

€ 15

STERZI Common Specs

Ti.
6Al-4V

- Made in Italy
- 100% machined from light alloy
- Angular Contact Bearings ACB in 52100 chrome steel and Black Oxide coated
- Bearing angle: 36° x 45°
- 2RS double sealed bearings plus rubber lip seals
- CRC marine grease
- Expander-Plug Team allows for easy installation and play-adjustment
- Bolt: Gold-plated Titanium



D-SET 1 1/8" ZS

ZS44/28,6 | ZS44/30

Ti.
6Al-4V

- Zero Stack type
- For 1 1/8" forks. Road or MTB frames with 44mm upper and lower bores
- Angular Contact Bearings ACB 41 x 30,15 x 6,5mm. 36° x 45°
- Stack Height: 14mm
- See Common Specs above
- Weight: 78+17g. (Expander-Plug) = 95g.



DS18ZSN	D-SET 11/8" ZS	SHIS (Standardized headset International Standard) ZS44/28,6 ZS44/30	Black	€ 86
DS18ZSR	D-SET 11/8" ZS		Red	

D-SET 1 1/8" ZS44/49

ZS44/28,6 | ZS 49/30

Ti.
6Al-4V

- Upper and lower Zero Stack.
- For double crown DH forks. Frames with 44mm upper and 49,6mm lower bores
- Angular Contact Bearings ACB 41 x 30,15 x 6,5mm. 36° x 45°
- Stack Height: 11mm
- See Common Specs above
- Weight: 97+17g. (Expander-Plug) = 114g.



DS4449N	D-SET 11/8" ZS 44/49	SHIS (Standardized Headset International Standard) ZS44/28,6 ZS49/30	Black	€ 101
DS4449R	D-SET 11/8" ZS 44/49		Red	

D-SET 1,5" Taper 44

ZS44/28,6 | EC44/40

Ti.
6Al-4V

- Upper Zero Stack. Lower external
- For 1,5" taper. Frames with 44mm upper and lower bores
- Angular Contact Bearings ACB: Upper 41 x 30,15 x 6,5mm. 36°x45°
Lower 52 x 40x 6,5mm. 36°x45°
- Stack Height: 21mm
- See Common Specs above
- Weight: 94+17g. (Expander-Plug) = 111g.



DS1544N	D-SET 1,5" TAPER 44	SHIS (Standardized Headset International Standard) ZS44/28,6 EC44/40	Black	€ 101
DS1544R	D-SET 1,5" TAPER 44		Red	

D-SET 1,5" Taper 49

ZS44/28,6 | EC49/40

Ti.
6Al-4V

- Upper Zero Stack. Lower external.
- For 1,5" taper. Frames with 44mm upper and 49,6mm lower bores
- Angular Contact Bearings ACB: Upper 41 x 30,15 x 6,5mm. 36°x45°
Lower 52x 40 x 6,5mm. 36°x45°
- Stack Height: 21mm
- See Common Specs above
- Weight: 100+17g. (Expander-Plug Team) = 117g



DS1549N	D-SET 1,5" TAPER 49	SHIS (Standardized Headset International Standard) ZS44/28,6 EC49/40	Black	€ 101
DS1549R	D-SET 1,5" TAPER 49		Red	

D-SET 1,5" Taper ZS/IS ZS44/28,6 | IS52/40

Ti.
6Al-4V

- Upper Zero Stack. Lower Integrated
- For 1,5" taper. Frames with 44mm upper and 52mm lower bores
- Angular Contact Bearings ACB: Upper 41 x 30,15 x 6,5mm. 36°x45°
Lower 52 x 40 x 6,5mm. 36°x45°
- Stack Height: 7mm
- See Common specs above
- Weight: 71+17g. (Expander-Plug Team) = 88g.



DSZSISN	D-SET 1,5" TAPER ZS/IS	SHIS (Standardized Headset International Standard) ZS44/28,6 IS52/40	Black	€ 79
DSZSISR	D-SET 1,5" TAPER ZS/IS		Red	

D-SET 1,5" Taper ZS ZS44/28,6 | ZS56/40

Ti.
6Al-4V

- Upper and lower Zero Stack
- For 1,5" taper. Frames with 44mm upper and 56mm lower bores
- Angular Contact Bearings ACB: Upper 41 x 30,15 x 6,5mm. 36°x45°
Lower 52 x 40 x 6,5mm. 36°x45°
- Stack Height: 9mm
- See Common Specs above
- Weight: 91+17g. (Expander-Plug Team) = 108g.



DS15ZSN	D-SET 1,5" TAPER ZS	SHIS (Standardized Headset International Standard) ZS44/28,6 ZS56/40	Black	€ 91
DS15ZSR	D-SET 1,5" TAPER ZS		Red	

D-SET 1,5" Taper IS IS41/28,6 | IS52/40

Ti.
6Al-4V

- Upper and lower Integrated
- For 1,5" taper. Frames with 41mm upper and 52mm lower bores
- Angular Contact Bearings ACB: Upper 41 x 30,15 x 6,5mm. 36°x45°
Lower 52 x 40 x 6,5mm. 36°x45°
- Stack Height: 7mm
- See Common Specs above
- Weight: 65+17g. (Expander-Plug Team) = 82g.



This product was selected by
Andrea Tiberi for the World Cup

DSISISR	D-SET 1,5" TAPER IS	SHIS (Standardized Headset International Standard) ZS44/28,6 ZS56/40	Black	€ 79
DSISISN	D-SET 1,5" TAPER IS		Red	

EXPANDER-PLUG Team

Ti.
6Al-4V

- Light and efficient system to register headset play
- Ideal for Carbon Fibre steerer tubes
- 100% aluminium
- Play-adjustment bolt in Gold-plated Titanium. Torx 25
- Weight: 17g.

OPTION: cap colour in Red or Black



HSEP01N	EXPANDER PLUGTEAM 11/8"	Black	€ 21
HSEP01R	EXPANDER PLUGTEAM 11/8"	Red	

FORK CONVERSION

- Lower Race Crown to mount MTB Forks with 11/8" steerer tube onto frames with conical 1,5"-11/8" headsets
- Aluminium
- Compatible with ACB 36°x45°, 52mm diameter bearings ONLY
- A 52x40mm bearing with 36°x45° chamfer angles is necessary whenever the original 52x40mm bearing has 45°x45° angles



HSLH118	FORK CONVERSION	€ 9
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The FRM trio at the Marathon
Italian Championship



Seatposts - Collars - Saddle

ST-M10 Ti XL - ST-M10 Ti

Ti
6Al-4V

X-C

- Made in Italy
- CNC Machined from Scandium alloy, externally double butted to save further weight
- Black anodised post. Laser etched
- Gold-plated Titanium bolts
- Length: 400mm (27,2-30,9-31,6) or 350mm (30,9mm)
- Rider Weight Limit: 90kg

- Weight: 27,2x400: 179g. 30,9x400mm 187g.
- 31,6x400mm 192g. 30,9x350mm 173g.

This product was selected by
Andrea Tiberi for the World Cup



1

1. Gold plated titanium bolts (2pcs).
2. Reduced outer diameter



Reduced diameter 170mm

150mm

Min. insertion:
80mm



SP1X03N	ST-M10 XL Ti 31,6 mm	400mm	Black	€ 129
SP1X03R	ST-M10 XL Ti 31,6 mm	400mm	Red	
SP1X02N	ST-M10 XL Ti 30,9 mm	400mm	Black	
SP1X02R	ST-M10 XL Ti 30,9 mm	400mm	Red	
SP1X01N	ST-M10 XL Ti 27,2 mm	400mm	Black	
SP1X01R	ST-M10 XL Ti 27,2 mm	400mm	Red	
SP1002N	ST-M10 Ti 30,9 mm	350mm	Black	€ 120
SP1002R	ST-M10 Ti 30,9 mm	350mm	Red	

ST-M11 XL - ST-M11

Road

X-C

- Made in Italy
- Shaft is machined from Scandium alloy. Externally double-butted
- Black anodised post. Laser etched
- Two-bolt adjustment for accurate and easy saddle tilt
- Offset: 28mm
- Rider Weight Limit: 90kg
- Weight: ST-M11 27,2 x 410mm 213g. 30,9 x 370mm 188g. 31,6 x 410mm 230g.



1. External double diameter

SPM11A3	ST-M11 XL 31,6 mm	410mm	Black	€ 99
SPM11A2	ST-M11 30,9 mm	370mm		
SPM11A1	ST-M11 XL 27,2 mm	410mm		

SC35 Ti - SC32 Ti

Ti.
6Al-4V

Road

X-C

- Made in Italy
- Asymmetric seat collars ideal for carbon fibre seatposts as they put less pressure on the frame slot
- SC32 compatible with frames that have 31,8mm diameter seat tubes
- SC35 compatible with frames that have 34,9mm diameter seat tubes
- Gold plated titanium bolt
- Height: 14mm
- Weight: 11g.

1. Gold plated titanium hardware



SC3501N	SC35 Ti 34,9 mm	Black	€ 21
SC3501R	SC35 Ti 34,9 mm	Red	
SC3201N	SC32 Ti 31,8 mm	Black	
SC3201R	SC32 Ti 31,8 mm	Red	

SA-BLACK HOLE

MONO
COQUE

Road

X-C

- Made in Italy under FRM licence. Proprietary design and moulds
- Monocoque shell made from T-800 Carbon Fibre
- Flexibility and absorption superior than that of carbon saddles featuring tubular rails
- Excellent anatomical shape which will not deform over time
- Unpainted Carbon finish
- Dimensions: 265 x 120mm
- Rider Weight Limit: 80kg
- Weight: 65+/- 5g.

Product Quality Notice
Small surface imperfections of this product add an unmistakable value to the workmanship of our "made in Italy"



SA00002	SA-BLACK HOLE	€ 325
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SYNCRO-PULLEY for XX1 and XO1

- Set of pulleys compatible with Sram XX1 and X01 rear derailleurs
- Twelve alternate narrow and wide teeth
- CNC machined from light alloy
- Hard Anodised for much longer lasting than plastic originals
- Low friction Enduro bearing
- Easily replaceable using the original bolts and bearing shields
- Weight: 29g. set



This product was selected by Andrea Tiberi for the World Cup

DPUL115	PULEGGE SYNCRO-PULLEY	Set of 2 pcs	€ 71
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PRO SPACERS Stem

- Stem spacers made from Delrin plastic
- Lighter and cheaper than spacers in carbon fibre
- Weight: 1 - 2g.

HSSP05	PRO SPACER	5mm	€ 3,0
HSSP10	PRO SPACER	10mm	€ 3,3



THRU-AXLE RACK QR15 - Boost - QR20

- CNC machined from light alloy
- It is designed to load bikes with either QR15, Boost 110 or QR20 forks onto your existing racks with 9mm skewers.

- Use the end plugs depending on the axle dimension
- Remove the front wheel, slip the 15 or 20mm axle through the Thru-Axle Rack and tighten it
- Place the bike onto the roof rack putting the bottom of the Thru-Axle Rack onto the 9mm original rack skewer and tighten in place

THAXCON	THRU-AXLE CAR RACK	With caps QR15 + Boost 110 + QR20	€ 99
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WHEELBAG Double

- Wheel-bag for two Road or MTB up to 29er wheels
- Padded outer and inner walls
- Inner pocket for quick releases
- Owner's name holder
- FRM logo

WHDWB01	DOUBLE WHEELBAG	€ 67
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H2O BOTTLE

- Transparent water bottle: 500 cc
- Large mouth
- FRM logo

GD00002	WATERBOTTLE	2,10 E
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BOTTLEOPENER

- Aluminium
- Allows bottle tops to be reused as it does not cause them to bend
- FRM logo

GD00001	BOTTLEOPENER	€ 13
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TITANIUM HARWARE

TITANIUM 6AL /4V, gold plated special for FRM parts



TIM4X9	M4x9mm	Cone head	Torx 10	€ 8,9
TIM4X11	M4x11mm	Cone head	Torx 10	€ 9,3
TIM4X22	M4x22mm	Cone head	Torx 10	€ 10,7
TIM5X10	M5x10mm	Button head	Torx 25	€ 6,2
TIM5X12	M5x12mm	Allen head	Torx 25	€ 8,8
TIM5X15	M5x15mm	Allen head	Torx 25	€ 9,2
TIM5X25	M5x25mm	Cone head	Torx 25	€ 10,3
TIM6X50	M6x50mm	Allen head (special for ST-M10)		€ 16,1

BEARINGS

Famous high quality ENDURO bearings for FRM components



BB699	Enduro 9x20x6mm	ABEC5 2RS	€ 4,3
BB626	Enduro 6x19x6mm	ABEC5 2RS	€ 6,6
BB61901	Enduro 12x24x6mm	ABEC5 2RS	€ 8,3
EB6901M	Enduro 12x24x6mm	MAX 2RS	€ 7,1
BB61802	Enduro 15x24x5mm	ABEC5 2RS	€ 10,3
MR1526	Enduro 15x26x7mm	ABEC5 2RS	€ 9,4
BB61803	Enduro 17x26x5mm	ABEC5 2RS	€ 11
BB3803	Enduro 17x26x10mm	ABEC5 2RS	€ 19,70
MR17287	Enduro 17x28x7mm	ABEC5 2RS	€ 14,5
BB61804	Enduro 20x32x7mm	ABEC5 2RS	€ 12,9
NAC6805	Nachi 37x25x7mm	Double seal	€ 20,9
BB61806	Enduro 42x30x7mm	ABEC5 2RS	€ 15,60
ACB4136	Enduro 30,15x41x6,5mm	36° x 45° black oxide	€ 13,3
ACB5236	Enduro 40x52x6,5mm	36° x 45° black oxide	€ 17,0

T-SHIRT



	T-SHIRT	SMALL	€ 25
	T-SHIRT	LARGE	
	T-SHIRT	X-LARGE	

FRM

B I K E T E C H N O L O G Y



Warranty: FRM products are guaranteed against any defects for a period of two years from the date of purchase by the first owner. For complete warranty information please visit our web site at www.frbike.com



Denis Fumarola is the 2015 Italian
Champion X-Country Under 23

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