

FRM

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

light-weight racing parts since 1990



2017 | 2018



#frmgladiator

LEONARDO PAEZ 

BIKE | FRAME SET



ANAKIN CAPE COBRA FULL



- 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 and frame repolished. Immaculate for years
- **Spread Tow crossed unidirectional carbon fibre and Zylon**
- Chainstays designed for the Boost 12x148 standard and for single ring only
- Lamination in hybrid Zylon - Carbon fibre. Zylon fibers, featuring a doubled breaking resistance compared to aramidic fibres like Kevlar and an extremely high elongation, allow for a flexibility never before used in bike structures

- Replaceable dropouts. Boost 12x148mm bolt axle is included.
- Bottom Bracket: Press-Fit 89,5mm (41x 89,5mm symmetric)
- Internal or external routing of rear brake and derailleur
- Post-Mount brake support
- Moulded FRM logo on the top tube
- Head Tube: 1,5" - 1 1/8" Integrated
- Seatpost diameter: 30.9 mm
- Sizes: Small/Medium - Large/XLarge (see below)
- Rider weight limit: 90kg
- Extended warranty to 5 years to the original owner by registered frame on frmbike.biz
- **Weight: 1950g. (Small/Medium) w shock + FRM bolt axle 38g.**

XCR1 9,15kg

Formula Thirty3. Rake 51mm. Travel 110mm. Length: 520mm
 Tuned as FRM Bike Factory Team
 FRM Meteor i30 Carbon. Rear Boost 148
 FRM CU3+ N-C Power NS Boost 34t.
 Sram Eagle XX1 12s. trigger + rear derailleur
 Sram Eagle XX1 12s. 10-50t.
 FRM Web-Bar 329 Carbon LP+ Silicone Grips
 FRM HS-M256 Ti. HRS (90-100-110mm)
 Formula R1 Racing. 160-160mm (titanium hardware)
 FRM ST-M10 Ti HRS 30.9 mm + collar SC35 Ti.
 FRM Vader Carbon
 Kenda Saber Pro 29x2,05" + sealant FRM
 Cyclist weight limit: 90kg

S/M: **BAFCC1S**
 L/XL: **BAFCC1L**

€ 12.190

XCR2 9,6 kg

Formula Thirty3. Rake 51mm. Travel 110mm. Length: 520mm
 Tuned as FRM Bike Factory Team
 FRM Meteor i30 HRS. Post Boost 148
 FRM CU3 + N-C Power NS Boost 34t.
 Sram Eagle X01 12s. trigger e cambio
 Sram Eagle X01 12s. 10-50t.
 FRM Web-Bar 329 Carbon LP+ BMX Grips
 FRM HS-M256 Ti. HRS (90-100-110mm)
 Formula CURA 160-160mm
 FRM ST-M10 Ti HRS 30.9 mm + collar SC35 Ti.
 FRM Vader
 Kenda Saber Pro 29x2,05" + sealant FRM
 Cyclist weight limit: 90kg

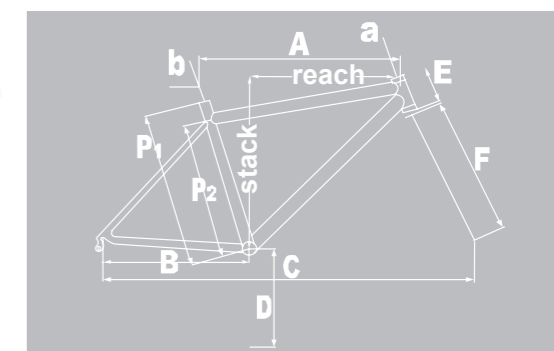
S/M: **BAFCC2S**
 L/XL: **BAFCC2L**

€ 9.490

FRAME only w-shock 1950 gr

S/M: **KAFSTS**
 L/XL: **KAFSTL**

€ 4.660



Bike specs can change without notice

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	reach	stack	Cyclist height
Small / Medium	450	342	585	438 !	1.095	320	95	520	70,4°	73°	402	608	from 165 to 179cm
Large/X-Large	490	342	623	438 !	1.130	320	115	520	70,4°	73°	430	628	from 180 to 189cm

ANAKIN CAPE COBRA HT



- 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 and frame repolished. Immaculate for years
- **Spread Tow crossed unidirectional carbon fibre**
- Chainstays designed for the Boost 12x148 standard and for single ring only
- Rear stays lamination in hybrid Zylon - Carbon fibre. Zylon fibers, featuring a doubled breaking resistance compared to aramidic fibres like Kevlar and an extremely high elongation, allow for a flexibility never before used in bike structures

- The CarboFlex rear stays absorb vertical loads up to 18% greater than the previous Anakin frame with carbon only stays
- Replaceable dropouts. Boost 12x148mm bolt axle is included.
- Bottom Bracket: Press-Fit 89,5mm (41x 89,5mm symmetric)
- Internal or external routing of rear brake and derailleur
- 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: 90kg
- Extended warranty to 5 years to the original owner
- **Weight: 950g. (Small/Medium) + FRM bolt axle 38g.**

XCR1 8,4kg

Formula Thirty3. Rake 51mm. Travel 110mm. Length: 520mm
 Tuned as FRM Bike Factory Team
 FRM Meteor i30 Carbon. Rear Boost 148
 FRM CU3+ N-C Power NS Boost 34t.
 Sram Eagle XX1 12s. trigger + rear derailleur
 Sram Eagle XX1 12s. 10-50t.
 FRM Web-Bar 329 Carbon LP+ Silicone Grips
 FRM HS-M156 Ti. HRS (90-100-110mm)
 Formula R1 Racing. 160-160mm (titanium hardware)
 FRM ST-M20 CarboFlex Ti. 27,2mm + collar SC32 Ti.
 FRM Vader Carbon
 Kenda Saber Pro 29x2,05" + sealant FRM
 Cyclist weight limit: 90kg

S/M: **BACCHT1S**
 L/XL: **BACCHT1L**

€ 11.490

XCR2 8,85kg

Formula Thirty3. Rake 51mm. Travel 110mm. Length: 520mm
 Tuned as FRM Bike Factory Team
 FRM Meteor i30 HRS. Post Boost 148
 FRM CU3 + N-C Power NS Boost 34t.
 Sram Eagle X01 12s. trigger e cambio
 Sram Eagle X01 12s. 10-50t.
 FRM Web-Bar 329 Carbon LP+ BMX Grips
 FRM HS-M156 Ti. HRS (90-100-110mm)
 Formula CURA 160-160mm
 FRM ST-M20 CarboFlex Ti. 27,2mm + collar SC32 Ti.
 FRM Vader
 Kenda Saber Pro 29x2,05" + sealant FRM
 Cyclist weight limit: 90kg

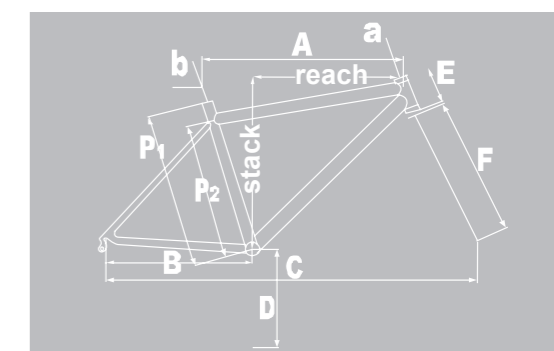
S/M: **BACCHT2S**
 L/XL: **BACCHT2L**

€ 8.750

FRAME only 950 gr

S/M: **FRANCCHTS**
 L/XL: **FRANCCHTL**

€ 3.540



Bike specs can change without notice

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	reach	stack	Cyclist height
Small / Medium	470	395	590	422	1.087	300	95	520	70,5°	72°	399	624	from 165 to 179cm
Large/X-Large	510	410	620	422	1.106	300	115	520	70,5°	72°	425	642	from 180 to 189cm

ANAKIN FULL ST - Bike

XCR1 9,15 kg

Formula Thirty3. Rake 51mm. Travel 110mm. Length: 520mm
 Tuned as FRM Bike Factory Team
 FRM Meteor i30 Carbon. Rear Boost 148
 FRM CU3+ N-C Power NS Boost 34t.
 Sram Eagle XX1 12s. trigger + rear derailleur
 Sram Eagle XX1 12s. 10-50t.
 FRM Web-Bar 329 Carbon LP+ Silicone Grips
 FRM HS-M156 Ti. HRS (90-100-110mm)
 Formula R1 Racing. 160-160mm (titanium hardware)
 FRM ST-M10 Ti HRS 30.9 mm + collar SC35 Ti.
 FRM Vader Carbon
 Kenda Saber Pro 29x2,05" + sealant FRM
 Cyclist weight limit: 90kg

XCR2 9,6 kg

Formula Thirty3. Rake 51mm. Travel 110mm. Length: 520mm
 Tuned as FRM Bike Factory Team
 FRM Meteor i30 HRS. Post Boost 148
 FRM CU3 + N-C Power NS Boost 34t.
 Sram Eagle X01 12s. trigger e cambio
 Sram Eagle X01 12s. 10-50t.
 FRM Web-Bar 329 Carbon LP+ BMX Grips
 FRM HS-M156 Ti. HRS (90-100-110mm)
 Formula CURA 160-160mm
 FRM ST-M10 Ti HRS 30.9 mm + collar SC35 Ti.
 FRM Vader
 Kenda Saber Pro 29x2,05" + sealant FRM
 Cyclist weight limit: 90kg

S/M: **BAFST1S**
 L/XL: **BAFST1L**

€ 11.117

S/M: **BAFST2S**
 L/XL: **BAFST2L**

€ 8.576



Bike specs can change without notice

ANAKIN FULL ST - Frame set

- 100% Made in Italy
- Monocoque frame & stays, manufactured under FRM licence.
- Proprietary design of frame and moulds
- High Modulus Spread Tow Carbon Fibre, with optimised unidirectional layering
- Finish: polished. Almost perfect out of the mould finish requires no paint. It does not scratch and frame repolished. Immaculate for years
- Engineered for 12 x148mm Boost rear standard and single chainring
- 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: Rock Shox Monarch RT3 (165mm)

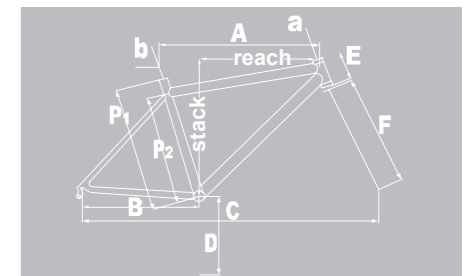
- Rear wheel travel: 100mm (ratio wheel travel / shock stroke: 2,7)
- Replaceable dropouts. Boost 12x148mm bolt axle is included
- Titanium bolts for rear dropouts
- Choose internal or external routing of rear brake and rear derailleur
- Bottom Bracket: Press-Fit 89,5mm (41x89,5mm symmetric)
- Moulded FRM logo on the top tube
- Seatpost Dia.: 30,9mm
- Sizes: Small/ Medium - Large/X-Large
- Rider weight limit: 90kg
- Extended warranty to 5 years to the original owner
- **Weight: 1.950g. (S/M) rear shock included + FRM E-Thru axle 38g**

FRAME SET 950 gr

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

S/M: **KAFSTS**
 L/XL: **KAFSTL**

€ 4.934



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	reach	stack	Cyclist height
Small / Medium	450	342	585	438 !	1.095	320	95	520	70,4°	73°	402	608	from 165 to 179cm
Large/X-Large	490	342	623	438 !	1.130	320	115	520	70,4°	73°	430	628	from 180 to 189cm

ANAKIN CarboFlex 5CERCHI - Bike

XCR1 8,4 kg

Formula Thirty3. Rake 51mm. Travel 110mm. Length: 520mm
 Tuned as FRM Bike Factory Team
 FRM Meteor i30 Carbon. Rear Boost 148
 FRM CU3+ N-C Power NS Boost 34t.
 Sram Eagle XX1 12s. trigger + rear derailleur
 Sram Eagle XX1 12s. 10-50t.
 FRM Web-Bar 329 Carbon LP+ Silicone Grips
 FRM HS-M156 Ti. HRS (90-100-110mm)
 Formula R1 Racing. 160-160mm (titanium hardware)
 FRM ST-M20 CarboFlex Ti. 27,2mm + collar SC32 Ti.
 FRM Vader Carbon
 Kenda Saber Pro 29x2,05" + sealant FRM
 Cyclist weight limit: 90kg

XCR2 8,85 kg

Formula Thirty3. Rake 51mm. Travel 110mm. Length: 520mm
 Tuned as FRM Bike Factory Team
 FRM Meteor i30 HRS. Post Boost 148
 FRM CU3 + N-C Power NS Boost 34t.
 Sram Eagle X01 12s. trigger e cambio
 Sram Eagle X01 12s. 10-50t.
 FRM Web-Bar 329 Carbon LP+ BMX Grips
 FRM HS-M156 Ti. HRS (90-100-110mm)
 Formula CURA 160-160mm
 FRM ST-M20 CarboFlex Ti. 27,2mm + collar SC32 Ti.
 FRM Vader
 Kenda Saber Pro 29x2,05" + sealant FRM
 Cyclist weight limit: 90kg

S/M: **BAFLEX1S**
 L/XL: **BAFLEX1L**

€ 9.947

S/M: **BAFLEX2S**
 L/XL: **BAFLEX2L**

€ 7.405



Bike specs can change without notice



ANAKIN CarboFlex 5CERCHI - Frame set

- 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 and frame repolished. Immaculate for years
- **Spread Tow crossed unidirectional carbon fibre**
- Chainstays designed for the Boost 12x148 standard and for single ring only
- Rear stays lamination in hybrid Zylon - Carbon fibre. Zylon fibers, featuring a doubled breaking resistance compared to aramidic fibres like Kevlar and an extremely high elongation, allow for a flexibility never before used in bike structures

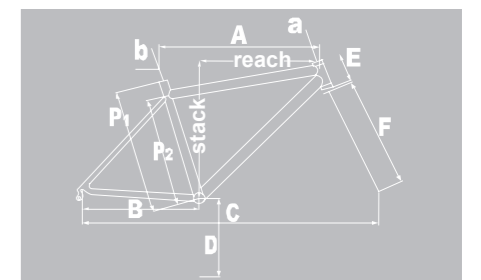
- The CarboFlex rear stays absorb vertical loads up to 18% greater than the previous Anakin frame with carbon only stays
- Replaceable dropouts. Boost 12x148mm bolt axle is included.
- Bottom Bracket: Press-Fit 89,5mm (41x 89,5mm symmetric)
- Internal or external routing of rear brake and derailleur
- 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: 90kg
- Extended warranty to 5 years to the original owner
- **Weight: 950g. (Small/Medium) + FRM bolt axle 38g.**

FRAME SET 950 gr

- Frame
- Headset D-Set 1,5" Taper IS
- Stem HS-M156 Ti. HRS 90mm
- Handlebar Web-Bar 329 LP
- Seatpost ST-M20 Carbon Flexy Ti. HRS 27,2 x 400mm
- Seat collar SC32 Ti.

S/M: **KAFLEXS**
 L/XL: **KAFLEXL**

€ 3.420



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	reach	stack	Cyclist height
Small / Medium	470	395	590	422	1.087	300	95	520	70,5°	72°	399	624	from 165 to 179cm
Large/X-Large	510	410	620	422	1.106	300	115	520	70,5°	72°	425	642	from 180 to 189cm



WHEEL | HUBS



METEOR Carbon i30 (channel 30 mm)

- Hubs and rims are made in Italy
- Tubeless Ready for standard tyres with Sealant
- Rims: FRM EVO Carbon i30 with 30mm inner width (375g.) and 28 holes
- Specs of 30mm channel rims are available at page 12
- Spokes: Sapim CX Ray black. One length only: 280mm
- Hubs: new FRM Meteor or Meteor Boost at 28 holes (see page 10)
- Hub bearings are treated by Zero Factory for a substantial reduc-

- tion of their friction (-35% friction, +42% wear resistance)
- Supplied with: Sram XD 11-12s freewheel, Tubeless Tape 33 and Spark - Lite valves in aluminium
- Crash Replacement Programme: returned rims not are replaced at 50% of the price list
- Rider weight limit: 90kg
- **Weight per set: 1.395g. standard or 1.440g Boost**



FRONT € 1.316

- METEOR Carbon i30 QR9
- METEOR Carbon i30 QR15
- METEOR Carbon i30 HRS QR15 TC
- METEOR Carbon i30 RS-1
- METEOR Carbon i30 LEFTY SUPER MAX
- METEOR Carbon i30 BOOST 110 /31
- METEOR Carbon i30 BOOST 110 /21 FOX

- WH30A02**
- WH30A01**
- WH30A15**
- WH30A05**
- WH30A07**
- WH30A03**
- WH30A04**

REAR € 1.485

- METEOR Carbon i30 10x135mm - XD
- METEOR Carbon i30 12x142mm - XD
- METEOR Carbon i30 FS-i 10x135 - XD
- METEOR Carbon i30 S-i 12x142 - XD
- METEOR Carbon i30 Boost 12x148mm - XD

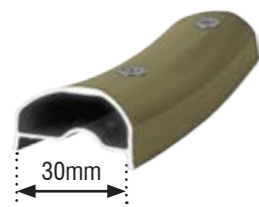
- WH30P02**
- WH30P01**
- WH30P03**
- WH30P09**
- WH30P04**

ADD **SH** TO THE CODE OF REAR WHEELS IN CASE OF 10-11s SHIMANO COMPATIBLE FREEWHEEL

METEOR i30 HRS (channel 30 mm)

- Hubs and rims are made in Italy
- Tubeless Ready for standard tyres with Sealant
- Rims: FRM EVO i30 HRS 29" with 30mm inner width at 28 holes
- Hard anodised rims avoid scratches and discolour
- Specs of 30mm channel rims are available at page 13
- Spokes: Sapim Laser 2,0-1,5-2,0mm. One length only: 284mm
- Hubs: new FRM Meteor or Meteor Boost at 28 holes (see page 10)
- Hub bearings are treated by Zero Factory for a substantial reduc-

- tion of their friction (-35% friction, +42% wear resistance)
- Supplied with: Sram XD 11/12s f/w, Tubeless Tape 33 and Spark-Lite valves in aluminium
- Crash Replacement Programme: returned rims not are replaced at 50% of the price list
- Rider weight limit: 100kg
- **Weight per set: 1.570g. standard or 1.615g. Boost**



30mm



Kit Tubeless Tape included



FRONT € 390

REAR € 580

METEOR i30 HRS QR9
 METEOR i30 HRS QR15
 METEOR i30 HRS QR15 TC
 METEOR i30 HRS RS-1
 METEOR i30 HRS LEFTY SUPER MAX
 METEOR i30 HRS BOOST 110 /31
 METEOR i30 HRS BOOST 110 /21 FOX

WH30HA17
WH30HA18
WH30HA19
WH30HA20
WH30HA21
WH30HA22
WH30HA23

METEOR i30 HRS 10x135mm - XD
 METEOR i30 HRS 12x142mm - XD
 METEOR i30 HRS FS-i 10x135 - XD
 METEOR i30 HRS S-i 12x142 - XD
 METEOR i30 HRS Boost 12x148mm - XD

WH30HP11
WH30HP12
WH30HP13
WH30HP14
WH30HP15

ADD **SH** TO THE CODE OF REAR WHEELS IN CASE OF 10-11s SHIMANO COMPATIBLE FREEWHEEL

METEOR XC i25 (channel 25 mm)

- Hubs and rims are made in Italy
- Tubeless Ready for standard tyres with Sealant
- Rims: FRM EVO i25 29" with 25mm inner width
- Spokes: Sapim Race 2,0-1,8-2,0mm black. One length only: 280mm
- Spark Alu valves.
- Crash Replacement Programme: returned rims not are replaced at 50% of the price list
- Rider weight limit: 80kg
- **Weight per set: 1.400g. standard - 1.450g. Boost**



Kit Tubeless Tape included



FRONT € 320

REAR € 420

METEOR XC i25 QR9
 METEOR XC i25 QR15
 METEOR XC i25 QR15 TC
 METEOR XC i25 RS-1
 METEOR XC i25 LEFTY SUPER MAX
 METEOR XC i25 BOOST 110 /31
 METEOR XC i25 BOOST 110 /21

WH25A17
WH25A18
WH25A19
WH25A20
WH25A21
WH25A22
WH25A23

METEOR XC i25 10x135mm - XD
 METEOR XC i25 12x142mm - XD
 METEOR XC i25 FS-i 10x135 - XD
 METEOR XC i25 S-i 12x142 - XD
 METEOR XC i25 Boost 12x148mm - XD

WH25P11
WH25P12
WH25P13
WH25A14
WH25A15

ADD **SH** TO THE CODE OF REAR WHEELS IN CASE OF 10-11s SHIMANO COMPATIBLE FREEWHEEL

METEOR PLUS i40 (channel 40 mm) | 27,5" PLUS

- 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
- Specs of 40mm channel rims are available at page 14
- Spokes: Sapim Race 2,0-1,8-2,0mm black. One length only: 262mm
- Hubs: new FRM Meteor Boost at 32 holes (see page 10)
- Supplied with: Sram XD 11/12s 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: 2.010g.**



FRONT € 390

REAR € 520

METEOR PLUS i40 BOOST 110 /31
METEOR PLUS i40 BOOST 110 /21

WHPLA01
WHPLA02

METEOR PLUS i40 BOOST12x148mm - XD F.W. **WHPLP01**

ADD **SH** TO THE CODE OF REAR WHEELS IN CASE OF 10-11s SHIMANO COMPATIBLE FREEWHEEL

METEOR | BOOST | RS-1 | LEFTY S.M.

- 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 11/12s freewheel (Shimano f.w. 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:

358g. set (120g front QR15+238g rear X12 / XD F/W)
109g. front Lefty 119g. front Lefty Super Max
130gr front QR15 TC (5x100mm Torque Cap Contact S.)
165g. front RS-1 compatible
163g. front Boost 110 Rock Shox (31mm dia caps)
153g. front Boost 110 Fox (21mm dia caps)
240g. rear Boost 12x148mm / XD freewheel



Front compatible RS-1

Front Boost 15x110 / 31

Front compatible Lefty Super Max

Freewheel 10-11s Shimano

Set QR15 / X12 with Sram XD 11-12s freewheel

FRONT METEOR QR9	28 hole	WHMA011	32 hole	WHMA012	€ 120
FRONT METEOR QR15	28 hole	WHMA021	32 hole	WHMA022	€ 120
FRONT METEOR QR15 TC	28 hole	WHMA081	32 hole	WHMA082	€ 120
FRONT LEFTY SUPER MAX	28 hole	WHMA041	32 hole	WHMA042	€ 120
FRONT METEOR RS-1	28 hole	WHMA051	32 hole	WHMA052	€ 120
FRONT METEOR Boost 110 / 31	28 hole	WHMA061	32 hole	WHMA062	€ 120
FRONT METEOR Boost 110 / 21	28 hole	WHMA071	32 hole	WHMA072	€ 120
REAR METEOR 12 x142 XD F.W.	28 hole	WHMP011	32 hole	WHMP012	€ 280
REAR METEOR 10 x135 XD F.W	28 hole	WHMP021	32 hole	WHMP022	€ 280
REAR METEOR Boost 12 x148 XD	28 hole	WHMP031	32 hole	WHMP032	€ 280

ADD **SH** TO THE CODE OF REAR WHEELS IN CASE OF 10-11s SHIMANO COMPATIBLE FREEWHEEL

#frmgladiator

GONZALO ARTAL



RIMS | AXLES | QUICK RELEASES



GRUPO
PROACO

BMX

EVO CARBON i30 (channel 30 mm)

- Made in Italy under FRM licence
- 30mm inner width of the rim to increase tire stability and allow for pressure as low as 1 bar for the maximum possible tyre/ground interface
- With 26-27mm inner width, tyre shift is still quite high, so pressure as low as 1bar cannot be used and the advantages in traction, absorption, printfoot are lost. With a 30mm inner width, tyres show less lateral shift, increased absorption, allowing for higher speeds on all terrains
- High Modulus Carbon Fibre, with optimised unidirectional layering for excellent suppleness and extreme torsion stiffness. Local reinforcements at the spoke holes
- Asymmetric profile (3mm) for lower difference in spoke tension between right and left sides. If coupled with FRM hubs the tension difference between right and left side spokes is less than 5%
- Hookless - Tubeless Ready compatible
- Holes 28
- Dimensions 34 x 20mm. Inner width 30mm. ERD 600mm
- Suggested Spoke Tension: 110kg
- Crash Replacement: rims returned not in warranty replaced at 50% of price list
- Rider Weight Limit: 90kg
- **Weight: 375g. (+/- 10g.)** +10g. Tubeless Tape & Spark-Lite Air Valve

OPTION: Kit Tubeless Tape 33 and Spark-Lite air valves in light alloy



EVO CARBON i30 29" - 28h - High Modulus Carbon Fibre

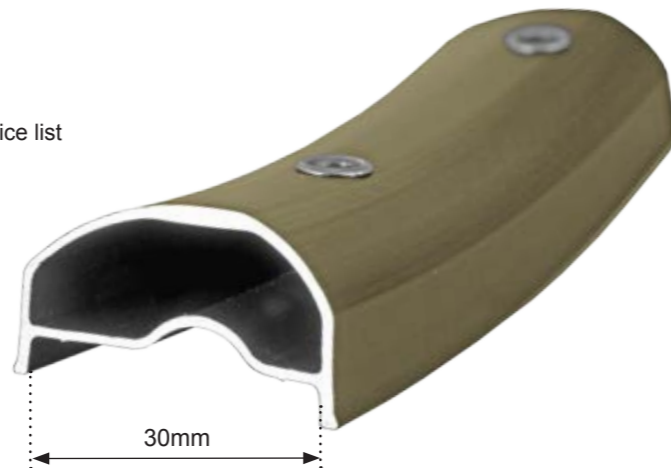
EVOC302

€ 977

EVO i30 HRS (channel 30 mm)

- Made in Italy under FRM licence
- 30mm inner width of the rim to increase tire stability and allow for pressure as low as 1 bar for the maximum possible tyre/ground interface
- With 26-27mm inner width, tyre shift is still quite high, so pressure as low as 1bar cannot be used and the advantages in traction, absorption, printfoot are lost. With a 30mm inner width, tyres show less lateral shift, increased absorption, allowing for higher speeds on all terrains
- Asymmetric profile (3mm) for lower difference in spoke tension between right and left sides. If coupled with FRM hubs the tension difference between right and left side spokes is less than 5%
- Hookless - Tubeless Ready compatible
- The hard anodised surface does not scratch and lasts forever
- Holes: 28 with stainless steel eyelets
- Dimensions 32 x 18mm. Inner width 30mm. ERD: 599mm.
- Suggested Spoke Tension: 110kg
- Crash Replacement: rims returned not in warranty replaced at 50% of price list
- Rider Weight Limit: 100kg
- **Weight: 460g. +10g.** Tubeless Tape & Spark-Lite Air Valve

OPTION: Kit Tubeless Tape 33 + Spark-Lite air valves in light alloy



EVO i30 HRS 29" - 28h - light alloy 6082 hard anodised

EVOH304

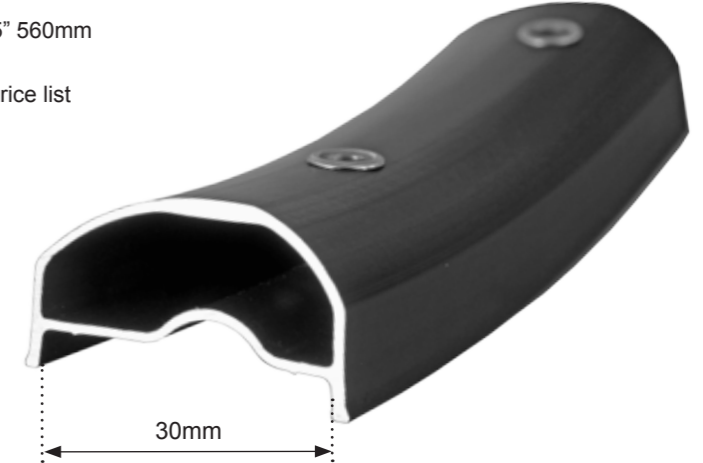
€ 149

EVO i30 (channel 30 mm) | 29" | 27,5"

- Made in Italy under FRM licence
- 30mm inner width of the rim to increase tire stability and allow for pressure as low as 1 bar for the maximum possible tyre/ground interface
- With 26-27mm inner width, tyre shift is still quite high, so pressure as low as 1bar cannot be used and the advantages in traction, absorption, printfoot are lost. With a 30mm inner width, tyres show less lateral shift, increased absorption, allowing for higher speeds on all terrains
- Asymmetric profile (3mm) for lower difference in spoke tension between right and left sides. If coupled with FRM hubs the tension difference between right and left side spokes is less than 5%
- Hookless - Tubeless Ready compatible
- Holes: 32 with stainless steel eyelets
- Dimensions 32 x 18mm. Inner width 30mm. ERD: 29" 599mm. 27,5" 560mm
- Suggested Spoke Tension: 110kg
- Crash Replacement: rims returned not in warranty replaced at 50% of price list
- Rider Weight Limit: 100kg
- **Weight:**
- **29" 465g. +10g.** Tubeless Tape & Spark-Lite Air Valve
- **27,5" 425g. +10g.** Tubeless Tape & Spark-Lite Air Valve

OPTION: 29" or 27,5"

Kit Tubeless Tape 33 + Spark-Lite air valves in light alloy



EVO i30 29" - 32h - 6082 light alloy. Black Anodised
EVO i30 27,5" - 32h - 6082 light alloy. Black Anodised

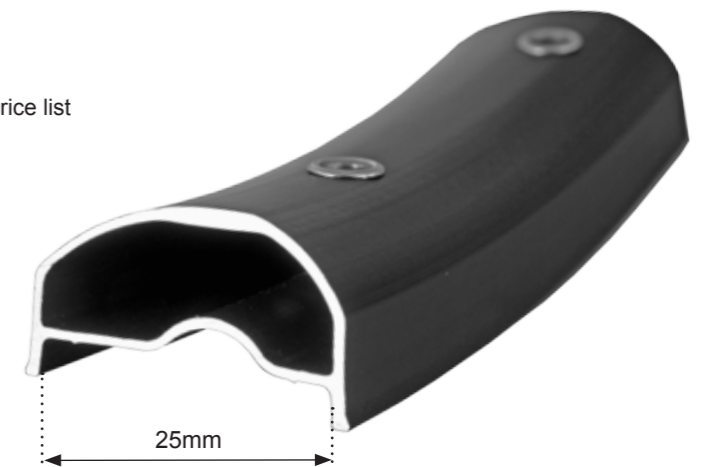
EVOA303
EVOA304

€ 115
€ 115

EVO i25 (channel 25 mm) | 29"

- Made in Italy under FRM licence
- 25 mm inner width of the rim to increase tire stability and allow for pressure as low as 1 bar for the maximum possible tyre/ground interface
- Asymmetric profile (3mm) for lower difference in spoke tension between right and left sides. If coupled with FRM hubs the tension difference between right and left side spokes is less than 5%
- Hookless - Tubeless Ready compatible
- The hard anodised surface does not scratch and lasts forever
- Holes: 32 with stainless steel eyelets
- Dimensions 28 x 18mm. Inner width 25 mm. ERD: 599mm.
- Suggested Spoke Tension: 110kg
- Crash Replacement: rims returned not in warranty replaced at 50% of price list
- Rider Weight Limit: 80kg
- **Weight: 380g. + 10g.** Tubeless Tape & Spark-Lite Air Valve

OPTION: Kit Tubeless Tape 26 + Spark-Lite air valves in light alloy



EVO i25 29" - 28h - 6082 light alloy. Black Anodised

EVOA253

€ 149

BOLT THRU-AXLE

- Made in Italy
- Bolt system for extreme weight reduction
- CNC machined from 7075 light alloy
- Hard anodised

Weight:
 front QR15 Rock Shox 38g.
 front QR15 Fox 43g.
 rear E-Thru or Maxle 12x142mm 38g.



FRONT BOLT ROAD QR12	M12x1,5mm	L. 119mm	WHTA012	€ 48
FRONT BOLT ROAD QR15	M15x1,5mm	L. 125mm	WHTA013	€ 59
FRONT BOLT QR15 MARZOCCHI 320 RAKE 51 2015	M15x1,5mm	L. 144mm	WHTA006	€ 59
FRONT BOLT QR15 ROCK SHOX (ANCHE RS-1)	M15x1,5mm	L. 148mm	WHTA001	€ 59
FRONT BOLT QR15 ROCK SHOX BOOST 110	M15x1,5mm	L. 158mm	WHTA014	€ 59
FRONT BOLT QR15 FOX	M14x1,5mm	L. 146mm	WHTA002	€ 59
FRONT BOLT QR15 FOX BOOST 110	M14x1,5mm	L. 146mm	WHTA015	€ 59
REAR E-THRU 12X142. Supplied with splined nut	M12x1,5mm	L. 171mm	WHTA003	€ 59
REAR MAXLE 12X142	M12x1,75mm	L. 174mm	WHTA004	€ 59
REAR MAXLE BOOST 12X148 / 12X150	M12x1,75mm	L. 182mm	WHTA008	€ 59
REAR MAXLE 12X142 SPLIT PIVOT (TREK FULL SUSPENDED)	M12x1,75mm	L. 195mm	WHTA005	€ 59

TASK TEAM QUICK RELEASE

- Thru-axle type quick release for slotted frames
- CNC machined from light alloy
- 9mm front or 10mm rear solid axles in light alloy, hard anodised
- Sold separately
- **Weight: 45g.**

OPTION:
 front or rear, red, black



REAR TASK TEAM Nero	WHTTR1N	€ 40
REAR TASK TEAM Rosso	WHTTR1R	€ 40
FRONT TASK TEAM Nero	WHTTF1N	€ 40
FRONT TASK TEAM Rosso	WHTTF1R	€ 40



TUBELESS KIT

TUBELESS SEALANT

- Made in Germany. Used by top racers in the World Cup
- Converts tube tyres into Tubeless with Tubeless Tape and Spark-Lite air valves
- 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

TUBELESS SEALANT	500 ml	SIG0500	€ 19
TUBELESS SEALANT	1000 ml	SIG1000	€ 33

TUBELESS TAPE



- To convert wheelsets to Tubeless together with Spark-Lite Air Valves
- 5mt tape roll for two 29" wheels
- 50mt tape rolls for shops
- Compatible with Tubeless Ready rims
- Kits are supplied with one Red Carpet roll, two red anodised Spark-Lite Air valves in aluminium and 500ml of Sealant
- **Weight per 29" wheel: 8 - 10g.**

RED CARPET 5mt x 23mm	SIGWT05	€ 7,6	RED CARPET 50mt x 33mm	SIGRC55	€ 57
RED CARPET 5mt x 26mm	SIGRT05	€ 7,6	KIT TUBELESS TAPE 500 / 23	K23SL	€ 49
RED CARPET 5mt x 33mm	SIGRC35	€ 8,6	KIT TUBELESS TAPE 500 / 26	K26SL	€ 49
RED CARPET 50mt x 23mm	SIGWT50	€ 43	KIT TUBELESS TAPE 500/ 33	K33SL	€ 49
RED CARPET 50mt x 26mm	SIGRC50	€ 49			

SPARK-LITE AIR VALVE

- For use with Red Carpet to convert traditional tube wheels into Tubeless
- Red anodised aluminium shaft
- Self-locking nut
- Presta type with removable core
- Length: 34mm
- Lighter than brass tubeless air valves weighting 7.5g. piece
- **Weight: 3,5g. piece**

SPARK-LITE AIR VALVE SET OF 2 PCS	SIGSLVP	€ 25
-----------------------------------	----------------	-------------

CORE SPARK-LITE AIR VALVE

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

CORE SPARK-LITE AIR VALVE SET OF 2 PCS	SIGSAVC	€ 22
--	----------------	-------------



CRANCKSET | CHAINRING



CU3 + N-C POWER NS BOOST



GUARNITURE BOOST con corona singola No Spider NC-Power

CU3-M11 NS BOOST 148 NC-POWER

CBSNC01	30d 170 mm	CBSNC11	32d 170 mm	CBSNC21	34d 170 mm	€ 414
CBSNC02	30d 172,5 mm	CBSNC12	32d 172,5 mm	CBSNC22	34d 172,5 mm	
CBSNC03	30d 175 mm	CBSNC13	32d 175 mm	CBSNC23	34d 175 mm	
CBSNC04	30d 178 mm	CBSNC14	32d 178 mm	CBSNC24	34d 178 mm	

GUARNITURE STANDARD CON CORONE SINGOLE SYNCRO RING ROTONDE

CU3-M11 SYNCRO-RING

C113001	30d 170 mm	C113201	32d 170 mm	C113401	34d 170 mm	€ 500
C113002	30d 172,5 mm	C113202	32d 172,5 mm	C113402	34d 172,5 mm	
C113003	30d 175 mm	C113203	32d 175 mm	C113403	34d 175 mm	
C113004	30d 178 mm	C113204	32d 178 mm	C113404	34d 178 mm	

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

BOTTOM BRACKETS Compatible with FRM cranksets only

- BSA threaded cups
- Two threaded bearing cups in light alloy (left and right)
- Two double seal bearings 37 x 25 x 7mm
- Compatible with BSA threaded shells, 68 or 73mm wide
- Two seal shields - **Weight: 87g**

CSBB001 BSA BOTTOM BRACKET BSA threaded **€ 93**

- Shimano standard: frame bore 41mm. Lenght 89,5 or 92mm
- Two plastic bearing cups (dia. 41mm Shoulder 2mm)
- Two double seal bearings 37 x 25 x 7mm
- Compatible with 89,5 or 92mm wide shells
- Two seal shields - **Weight: 65g**

CSBB003 PRESS-FIT BOTTOM BRACKET Frame bore 41mm **€ 82**

- Cannondale standard: shell bore 42mm. Lenght 73 or 84,5mm
- Two plastic bearing cups (dia. 42mm. Shoulder 6mm)
- Two double seal bearings 37 x 25 x 6mm
- Compatible with 73 or 84,5mm wide shells
- Two seal shields - **Weight: 70g**

CSBB002 BB30 BOTTOM BRACKET Frame bore 42mm **€ 82**

- Sram standard: frame bore 46mm. Lenght 73 or 83mm
- Two plastic bearing cups (dia. 46mm)
- Two double seal bearings 37 x 25 x 7mm
- Compatible with 73 or 83mm wide shells
- Two seal shields - **Weight: 70g**

CSBB004 PRESS-FIT 30 BOTTOM BRACKET Frame bore 46mm **€ 82**

UPGRADE: Zero Factory treated bearings + **€ 48**



N-C POWER

- Made in Italy
- N-C Power chainrings are shaped to help deliver optimum power from your legs to the pedals
- 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
- Mud-shredding tooth profile
- Outer dimensions: 30t 115x141mm 32t 150x125mm 34t 158x129mm
- **COMPATIBLE WITH 10 - 11 - 12S.**



Shimano XTR M9000



SRAM Direct-Mount Offset 0-3-6mm



Shimano XT M8000



XX1-X01 giro bulloni 76mm



CANNONDALE Spiderring SL



FRM CU2/CU3 NS Boost

CORONE NON ROTONDE SENZA SPIDER PER GUARNITURE FRM

CBNSNC1	NC-POWER NS BOOST 30D	CBNSNC3	NC-POWER NS BOOST 34D	€ 99
CBNSNC2	NC-POWER NS BOOST 32D			

CORONE NON ROTONDE SENZA SPIDER PER GUARNITURE SRAM

CDNSNC2	NC-POWER DIRECT-MOUNT Offset-6mm 32d	CDNSNC1	NC-POWER DIRECT-MOUNT Offset-3mm 32d	€ 99
CDNSNC5	NC-POWER DIRECT-MOUNT Offset-6mm 34d	CDNSNC4	NC-POWER DIRECT-MOUNT Offset-3mm 34d	
CDNSNC3	NC-POWER DIRECT-MOUNT Offset-0mm 32d			

CORONE NON ROTONDE PER GUARNITURE SHIMANO M-8000 e M9000

CRSNC8	NC-POWER XTR 32d (BCD 96mm)	CRSNC6	NC-POWER XT 32d (BCD 76mm)	€ 99
CRSNC9	NC-POWER XTR 34d (BCD 76mm)	CRSNC7	NC-POWER XT 34d (BCD 76mm)	

CORONE NON ROTONDE PER GUARNITURE CANNONDALE

CRSNCC10	NC-POWER CANNONDALE 32D	CRSNCC11	NC-POWER CANNONDALE 34D	€ 99
-----------------	-------------------------	-----------------	-------------------------	------

CORONE NON ROTONDE GIRO BULLONI 76mm XX1, FRM, 94mm X01, 104mm

CRSNC1	NC-POWER XX1 30d (BCD 76mm)	CRSNC3	NC-POWER X01 34d (BCD 94mm)	€ 99
CRSNC5	NC-POWER XX1 32d (BCD 76mm)	CRSNC4	NC-POWER 34d (BCD 104mm)	
CRSNC2	NC-POWER XX1 34d (BCD 76mm)			

SYNCRO-RINGS XX1 30 - 32 - 34T



SYNCRO Tooth Profile

SYNCRO-RING XX1 30t 39g.
 SYNCRO-RING XX1 32t 44g.
 SYNCRO-RING XX1 34t 59g.

Compatible XX1 BCD 76mm and 10 - 11 - 12 s

CRSX001	€ 70
CRSX002	€ 70
CRSX003	€ 70

SYNCRO-RING BBS (BAFANG) 32 - 36T | 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

Compatible Bafang BBS 01 36V 250Watt - 36V 350Watt
 48V 350Watt. BBS 02 36V 500Watt - 48V 500Watt

SYNCRO RING BBS 32t	CRSBBS2	€ 90
SYNCRO RING BBS 36t	CRSBBS1	€ 96

SYNCRO-RINGS 104 SINGLE 30 - 32 - 34T



CRS1040	SYNCRO-RING 104 mm 30 d	€ 82
CRS1041	SYNCRO-RING 104 mm 32 d	€ 72
CRS1042	SYNCRO-RING 104 mm 34 d	€ 72

PULEGGE SYNCRO-PULLEY PER DERAGLIATORI SRAM



PULEGIA SYNCRO - COMPATIBILI CAMBI SRAM XX1 / EAGLE / X01

DPUL11S	SYNCRO-PULLEY (COMPATIBILE SRAM XX1/ X01)	COPPIA	€ 71
DPUL12S	SYNCRO-PULLEY EAGLE (COMPATIBILE SRAM XX1/ X01) 12V	COPPIA	€ 75



CARLOSZ JIMÉNEZ

#frmgladiator



ST-M 20 CarboFlex ti

- Made in Italy under FRM licence
- The oval section allows for an unmatched flexibility and absorption of vibrations coming from the ground through the saddle
- Lamination in hybrid Zylon - Carbon fibre. Zylon fibers, featuring a doubled breaking resistance compared to aramidic fibres like Kevlar and an extremely high elongation, allow for a flexibility never before used in bike structures
- Specifically designed for front suspended frames in carbon fibre
- Available in three different hardnesses depending on the cyclist's weight:
1. SOFT (up to 60kg) 2. MEDIUM (60-75kg) 3. HARD (75-90kg)
- Ideal matching saddle is Vader Carbon
- Moulded FRM logo in relief
- Fixing bolts in gold plated titanium with semi-sphere seat to allow for disalignments from perpendicular without bending
- Cyclist's max weight: 90kg
- Weight: 155gr.



Seatpost-Saddle combo: 240g.



ST-M20 CARBOFLEX Ti. - 27,2 x 400mm, offset 5mm - **SOFT**
 ST-M20 CARBOFLEX Ti. - 27,2 x 400mm, offset 5mm - **MEDIUM**
 ST-M20 CARBOFLEX Ti. - 27,2 x 400mm, offset 5mm - **HARD**

SPMFLEXS € 319
SPMFLEXM € 319
SPMFLEXH € 319

SEATPOST ADAPTER

- Designed to host 27,2 mm dia seatpost on frames with post hole of 30,9 or 31,6mm
- Externally butted to reduce its weight
- **Weight: 23g.**

For 27,2mm seatpost and 30,9mm frame **SSDB01** €15
 For 27,2mm seatpost and 31,6mm frame **SSDB02** €15



ST-M10 Ti HRS

- Made in Italy
- CNC Machined from Scandium alloy, externally double butted to save further weight
- Hard Anodised (HRS) post. Laser etched
- Gold-plated Titanium bolts with semi-sphere seat to allow for disalignments from perpendicular without bending
- Length: 400mm (27,2-30,9-31,6). Offset 0mm
- Rider Weight Limit: 90kg
- **Weight: 27,2 x 400mm 179g - 30,9 x 400mm 187g - 31,6 x 400mm 192g.**



ST-M10 Ti HRS 31,6 mm 400mm HRS hard anodised
 ST-M10 Ti HRS 30,9 mm 400mm HRS hard anodised
 ST-M10 Ti HRS 27,2 mm 400mm HRS hard anodised

SP1X03N € 131
SP1X02N € 131
SP1X01N € 131

SC35 Ti | SC32 Ti

Made in Italy
 Asymmetric seat collars ideal for carbon fibre seatposts as they put less pressure on the frame slot
 Gold plated titanium bolt
 Height: 14mm - **Weight: 11g.**



SC35 Ti 34,9 mm black **SC3501N** € 21
 SC35 Ti 34,9 mm red **SC3501R** € 21
 SC32 Ti 31,8 mm black **SC3201N** € 21
 SC32 Ti 31,8 mm red **SC3201R** € 21

VADER CARBON

- Made in Italy under FRM licence. Proprietary design and moulds
- Monocoque shell made from high modulus Spread Tow 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
- Anti-slip middle padding in soft rubber helps to offer more confort
- Moulded FRM logo
- Dimensions: 290 x 125mm
- Rider Weight Limit: 80kg
- **Weight: 80+/- 5g.**

Moulded FRM logo

Soft anti-slip rubber

T800 Spreat Two unidirectional carbon fibre



290mm



125mm

Product Quality Notice

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

VADER CARBON 80gr. **SA00001** **€ 427**



VADER



125mm

280mm

- Made by Velo for FRM
- Nylon-Carbon injected shell
- Titanium rails
- Black leather with red inserts
- Light Foam padding
- FRM Logo
- Rider Weight Limit: 100kg
- **Weight: 220+/- 5g.**

VADER titanium rails 220gr. **SA00005** **€ 115**



LEONARDO PAEZ

#frmgladiator



#frmgladiator

ALEJANDRO RUIZ 

STEMS | HANDLEBARS | GRIPS



HS-M 206 Ti | HS-M 156 Ti

- Made in Italy
- CNC machined from a solid billet of Scandium light alloy
- Titanium hardware gold plated
- Bolts head is semi-sphere seat to allow for disalignments from perpendicular without bending
- Shaft diameter: 39mm. Stack height (headset collar): 37mm
- Hard Anodised (HRS) and laser etched
- Rider Weight Limit: 90kg
- **Weight: 114g. 80mm 119g. 90mm 125g. 100mm 129g. 110mm**

OPTION: lenght 90 - 100 - 110mm



Distance contact surface / headset and handlebar center:
90mm: -8mm 100mm: -11mm 110mm: -13mm

1. Gold plated titanium hardware

HS-M206 Ti. 20° 70 mm	HS20601	€ 148	HS-M156 Ti. 15° 70mm	HS15601	€ 148
HS-M206 Ti. 20° 80 mm	HS20602	€ 148	HS-M156 Ti. 15° 80mm	HS15602	€ 148
HS-M206 Ti. 20° 90 mm	HS20603	€ 148	HS-M156 Ti. 15° 90mm	HS15603	€ 148
HS-M206 Ti. 20° 100 mm	HS20604	€ 148	HS-M156 Ti. 15° 100mm	HS15604	€ 148
HS-M206 Ti. 20° 110 mm	HS20605	€ 148	HS-M156 Ti. 15° 110mm	HS15605	€ 148

WEB-BAR 329 Zylon

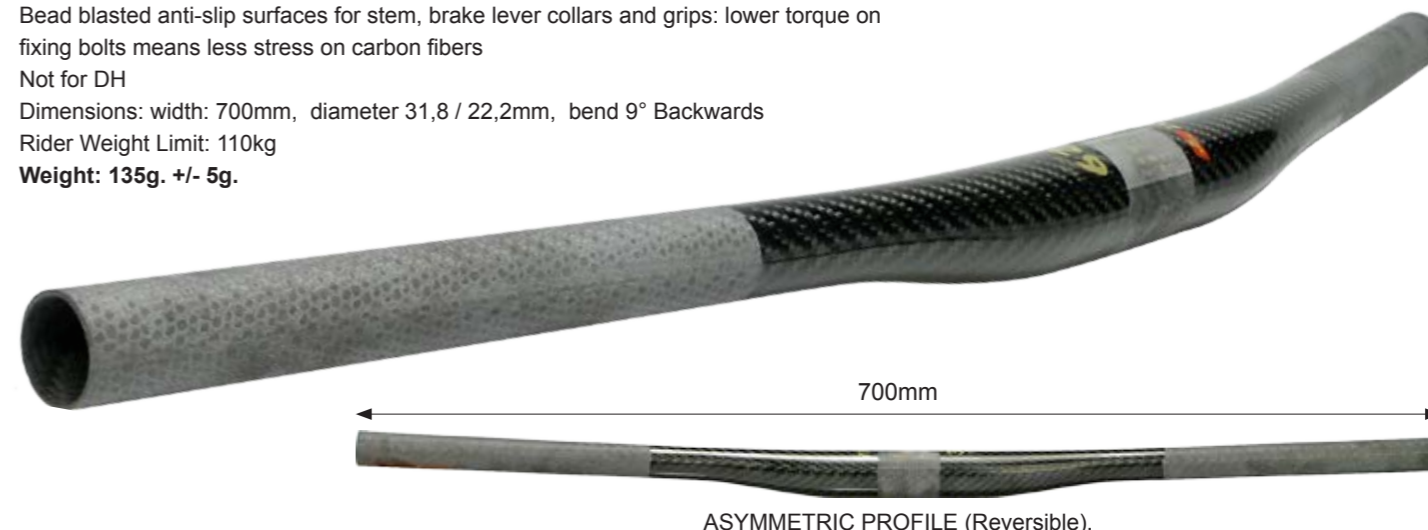
- Made in Italy unfer FRM licence
- 100% Spread Tow carbon fibre with T800 high module reinforcements and Zylon
- Off-centre: the bar height from ground can be modified by 10mm simply flipping the bar
- Bead blasted anti-slip surfaces for stem, brake lever collars and grips: lower torque on fixing bolts means less stress on carbon fibers
- Not for DH
- Dimensions: width: 700mm, diameter 31,8 / 22,2mm, bend 9° Backwards
- Rider Weight Limit: 110kg
- **Weight: 125g. +/- 5g.**



WEB-BAR 329 Zylon Low Profile **HBL0004** **€ 239**

WEB-BAR 329 Carbon Low Profile

- Made in Italy unfer FRM licence
- 100% Spread Tow carbon fibre with T800 high module reinforcements
- Off-centre: the bar height from ground can be modified by 10mm simply flipping the bar
- Bead blasted anti-slip surfaces for stem, brake lever collars and grips: lower torque on fixing bolts means less stress on carbon fibers
- Not for DH
- Dimensions: width: 700mm, diameter 31,8 / 22,2mm, bend 9° Backwards
- Rider Weight Limit: 110kg
- **Weight: 135g. +/- 5g.**



WEB-BAR 329 Carbon Low Profile **HBL0002** **€ 219**

SILICONE Grips Off-Centre



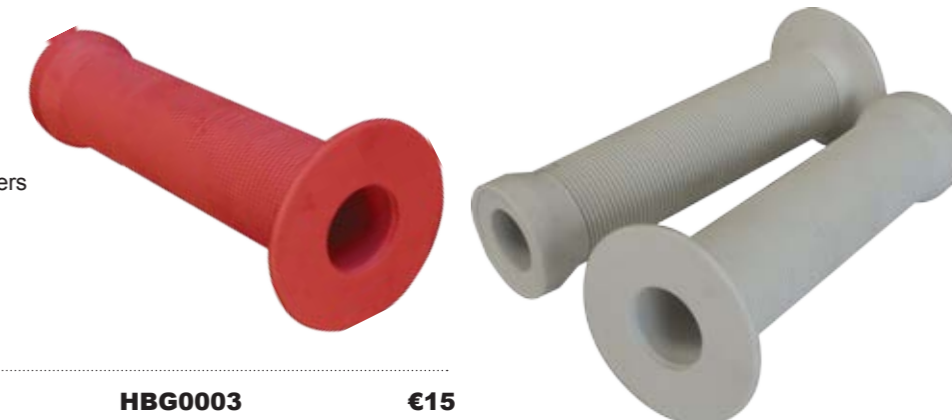
Asymmetric profile. Rotate with the thicker side toward the hand palm

- 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**

silicone grips Off-Centre 120mm Black **HBG0001** **€ 24**

BMX Grips 130

- Made in Kraton rubber
- New drive style "BMX Control"
- Soft and comfortable
- No glue or lock-ons are required
- Washable
- Rubber flange for hand protection from shifters
- Length 130mm
- Diameter: 30mm
- Weight: 105g. set



OPTION: Set of White, Set of Red

BMX-GRIPS 130 White Length 130mm **HBG0003** **€15**
BMX-GRIPS 130 Red Length 130mm **HBG0004** **€15**



HAEDSETS

standardised headset identification system (S.H.I.S.)

The Standardised Headset Identification System (S.H.I.S.) incorporates the four critical interface dimensions required to fit a fork to a frame, as well as explicitly noting bearing location/cup type.

INTERFACE DIMENSIONS: (1) stem-clamp diameter of fork. (2) crown-race seat diameter fo fork.
(3) head-tube top inside diameter. (4) head-tube bottom inside diameter.

BEARING LOCATION / CUP TYPE: EC (External Cup): Bearing contained within cups that are located outside of the frame
ZS (Zero Stack): Bearings contained within pressed-in cups where cup and bearing rest inside the frame
IS (Integrated): Bearings fitted directly into a bonded or machined interface, integrated into the frame

EXAMPLE **ZS44/28,6 | EC44/40** Upper: Zero Stack cup, press-fitted into a 44mm head-tube bore for a standard 28,6mm dia. stem bore
Lower: External Cup, press-fitted into a 44mm head-tube bore for a tapered 1,5" fork (40mm lower dia.)

Using the SHIS code makes much easier to choose the correct headset for a specific frame

Headset common specs

- Made in Italy
- CNC machined from light alloy
- Angular Contact Bearings ACB in 52100 chrome steel and Black Oxide coated
- Bearing angle: 36° x 45°
- 2RS sealed bearings together with two rubber lip seals for years of trouble free use
- CRC marine grease
- Expander-Plug Team allows for easy installation and play-adjustment
- Bolt: Gold-plated Titanium



D-SET DH ZS44/49

- Upper and lower: Zero Stack (ZS)
- 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.**

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

D-SET 1,5" Taper 44



- Upper: Zero Stack (ZS) Lower: External Cup (EC)
- 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.**

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

D-SET 1,5" Taper 49



- Upper: Zero Stack (ZS) Lower: External Cup (EC)
- 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**

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

D-SET 1,5" Taper ZS/IS

- Upper: Zero Stack (ZS). Lower: Integrated (IS)
- 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.**



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

D-SET 1,5" Taper ZS

- Upper and lower: Zero Stack (ZS)
- 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.**



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

D-SET 1,5" Taper IS

- Upper and lower: Integrated (IS)
- 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.**



D-SET 1,5" TAPER IS SHIS (Standardized Headset International Standard) IS41/28,6 IS52/40	BLACK	DSISISN	€79
D-SET 1,5" TAPER IS SHIS (Standardized Headset International Standard) IS41/28,6 IS52/40	RED	DSISISR	€79

EXPANDER-PLUG

- Light and efficient system to adjust headset play
- Ideal for Carbon Fibre steerer tubes
- CNC machined from light alloy
- Play-adjustment bolt in Gold-plated Titanium. Torx 25
- **Weight: 17g.**

OPTION: cap colour in Red or Black



EXPANDER PLUG BLACK	HSEP01N	€21
EXPANDER PLUG RED	HSEP01R	€21

SPACERS



ACCESSORIES

TITANIUM BOLTS

TIM4X11	M4x11mm	Testa svasata Torx 10	€ 9,30
TIM5X10	M5x10mm	Testa sferica Torx 25	€ 6,20
TIM5X12	M5x12mm	Testa brugola Torx 25	€ 8,80
TIM5X15	M5x15mm	Testa brugola Torx 25	€ 9,20
TIM5X25	M5x25mm	Testa svasata Torx 25	€ 9,80
TIM6X50	M6x50mm	Disegno speciale per reggisella verticale Testa brugola	€ 16,10



BEARINGS

BB699	9x20x6mm	ABEC5 2RS	€ 4,30
BB626	6x19x6mm	ABEC5 2RS	€ 6,60
BB61901	12x24x6mm	ABEC5 2RS	€ 8,30
EB6901M	12x24x6mm	MAX 2RS	€ 7,10
BB61802	15x24x5mm	ABEC5 2RS	€ 10,30
MR1526	15x26x7mm	ABEC5 2RS	€ 9,40
BB61803	17x26x5mm	ABEC5 2RS	€ 11,00
BB3803	17x26x10mm	ABEC5 2RS	€ 19,70
MR17287	17x28x7mm	ABEC5 2RS	€ 14,50
BB61804	20x32x7mm	ABEC5 2RS	€ 12,90
NAC6805	37x25x7mm	ABEC5 2RS	€ 20,80
BB61806	42x30x7mm	ABEC5 2RS	€ 15,60
ACB4136	30,15X41X6,5mm	36° x 45°	€ 13,30
ACB5236	40x52x6,5mm	36° x 45°	€ 17,00



CUSCINETTI TRATTATI ZERO FACTORY



KCUSCZM01	KIT CUSCINETTI TRATTATI ZERO FACTORY METEOR 01 6PZ MOZZI METEOR ANT.QR9/QR15/QR15TC + POST. TUTTI MODELLI	€ 211
KCUSCZM02	KIT CUSCINETTI TRATTATI ZERO FACTORY METEOR 02 KIT 6PZ MOZZI METEOR ANT. RS-1/BOOST110 + POST. TUTTI MODELLI	€ 211
KCUSCZM03	CUSCINETTO SINGOLO ZERO FACTORY METEOR 01 ANT. 17x26x5mm	€ 35
KCUSCZM04	CUSCINETTO SINGOLO ZERO FACTORY METEOR 02 ANT. BOOST 20x32x7mm	€ 35
KCUSCZM05	CUSCINETTO SINGOLO ZERO FACTORY METEOR POST. 15x26x7mm	€ 35



THRU-AXLE RACK Qr15 - boost - qr 20

- 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.
- a) Use the end plugs depending on the axle dimension
- b) Remove the front wheel, slip the 15 or 20mm axle through the Thru-Axle Rack and tighten it
- c) 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 SUPPORTO PORTA-BICI THRU-AXLE RACK CONVERTER FORNITO CON TAPPI QR15, BOOST E QR20 € 99

H2O BOTTLE



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

GD00002 BORRACCIA 500 cc € 2,10

BOTTLEOPENER



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

GD00001 CAVATAPPI € 13,00

BEARING KIT TOOL



Kit utensili per la sostituzione dei cuscinetti dei mozzi FRM titan carbon e Meteor

WHMT001 KIT ATTREZZI METEOR / TITAN CARBON € 48

#frmgladiator





FRM Bike Technology S.r.l.
Via E. Mattei 18/A
48025 Riolo Terme (RA) Italy

Phone: +39 **0546 70310**

mail: **info@frmbike.biz**

frmbike.biz