





#### **PAINT**

Bikes and frame kits use powder coating paint. This paint is cooked in a hoven and delivers a thick and durable protection. Much stronger than commonly used liquid paint.

Only exceptions are the black Full Moon and black hi-ten frame kit. These ones are ED-black. ED means electro deposit. Tubes are black-colored by electrolytic process. Here again, stronger than liquid paint.



#### **QUALITY PARTS**

Confusion is easy, "made in Taiwan" is not "made in China". Focale 44 bikes are assembled in Taiwan. Probably the best country in the world to manufacture good quality parts in mid/big quantities for a reasonable cost. Of course, some parts are bought in China (brakes, tires, saddles). Other parts including frames and forks come from Taiwan factories.



#### **SEALED BEARINGS**

Most bearings on Focale 44 bikes are sealed bearings. Smooth, long-lasting and reliable. Here is the sealed bearings list per bike:

- Revolted : headset, BB set, hubs.
  Noble : headset, BB set, hubs.
- S-Express : headset, BB set, hubs.
- Full Moon : BB set.

For pricepoint reasons, Full Moon hubs are loose balls (yet reliable). As for the headset, hard to find a sealed bearings 1" threaded headset nowadays.



#### **DOUBLE DUAL-THREAD REAR HUB**

All Focale 44 bikes use a rear hub with dual-thread both sides. In other words, you can mount 2 fixed cogs, one left side and one right side. This give give you 2 "speeds". Of course, it is still possible to assemble a freewheel on one side

This double dual-thread hub is specified on the spare wheels as well.

And a reminder: every Focale 44 bike is delivered with 16T fixed cog and a 16T freewheel.



#### **DOUBLE WALL RIMS**

The whole Focale 44 range rolls on double wall rims. These rims are tough, stay true longer than their single-wall counterparts, even if built with low spoke tension.



#### THICK TIRE WALLS

Not the lightest ones for sure, Focale 44 tires bear low pressure rides and any kind of shock thanks to thick wall (30 tpi) which create a strong shell.

REVOLTED

**FEATURES** 

- 4 sizes : 49cm, 52 cm, 55 cm, 58 cm
- full 4130 Cr-Mo frame and fork
- engraved F44 Falcon logo in head tube
- 1-1/8" integrated headset (Campagnolo standard)
- BMX frontload stem
- narrow raiser alloy handlebar
- BCD 144 mm track crank
- 46/16 gear ratio
- sealed bearings BB set, JIS taper
- plastic BMX type pedals, with new straps
- sealed bearings hubs
- flip flop rear hub (fixed both sides)
- double wall rims, hi-profile : 31 mm
- 700x28c tires
- 1/2"x1/8" chain
- 27,2 mm alloy seat post, 19 mm offset
- new slim saddle
- built to last, around 10.0 kg / 22 lbs
- color : blue clear coating

Every Focale 44 bike is delivered with brakes, freewheel and fixed sprocket. Bikes are shown without brakes.



#### **COMPLETE SPECIFICATIONS**

FRAME Focale 44 full 4130 Cr-Mo, 4 sizes, 120 mm hub spacing, weld-on seat clamp FORK Focale 44 full 4130 Cr-Mo, 1-1/8", short rake HEAD SET F44 integrated, Campagnolo style + spacers STEM F44 forged/CNC, frontload, 22,2 mm bar bore, 50 mm HANDLEBAR F44 riser alloy, 40 mm, 480 mm wide, 22,2 mm all the way GRIPS Kraton, no flanges CRANK F44 track forged alloy, 165 mm arms, 46T alloy, chainring, BCD 144 mm BB Tange Seiki, sealed bearings, 11S taper PEDALS F44 Wellgo BMX plastic, Cr-Mo axle PEDAL STRAPS F44 new straps, wide velcro TIRES Innova 700 x 28c RIMS F44 high profile (31 mm), wide (24 mm), double wall, 32 holes HUBS F44 high flanges, sealed bearings, Cr-Mo axle, flip-flop (fixed) SPOKES ASSEMBLY Radial in front, 3-cross in rear CHAIN KMC Z410, 1/2"x1/8" REAR SPROCKET 16T, Cr-Mo FREEWHEEL 16T, not assembled on the bike SEAT POST F44 new seat post, 27.2 mm, alloy, 19 mm offset SEAT F44 new slim saddle, 7 mm rails LEVERS BMX style, not assembled on the bike BRAKE CALIPERS Alloy, not assembled on the bike

# **NOBLE**

#### **FEATURES**

- 4 sizes : 49cm, 52 cm, 55 cm. 58 cm
- full 4130 Cr-Mo frame and fork
- engraved F44 Falcon logo in head tube
- 1-1/8" integrated headset (Campagnolo standard)
- track handlebar/stem Cr-Mo combo
- 46/16 gear ratio
- sealed bearings BB set, JIS taper
- plastic BMX type pedals, with new straps
- · sealed bearings hubs
- flip flop rear hub (fixed both sides)
- double wall rims, mid-profile : 21 mm
- 1/2"x1/8" chain
- 27,2 mm alloy seat post, 19 mm offset
- · new slim saddle
- built to last, around 10.8 kg / 23.8 lbs
- color : matte black

Every Focale 44 bike is delivered with brakes, freewheel and fixed sprocket. Bikes are shown without brakes.



#### **COMPLETE SPECIFICATIONS**

FRAME Focale 44 full 4130 Cr-Mo, 4 sizes, 120 mm hub spacing, weld-on seat clamp FORK Focale 44 full 4130 Cr-Mo, 1-1/8", short rake HEAD SET F44 integrated, Campagnolo style + spacers HANDLEBAR/STEM F44 1-piece track combo, heat treated 4130 Cr-Mo, 80 mm stem, 380 mm width GRIPS Keirin, kraton CRANK F44 forged alloy, 165 mm arms, 46T chainring, BCD 130 mm BB Tange Seiki, sealed bearings, JIS taper PEDALS F44 Wellgo BMX plastic, Cr-Mo axle PEDAL STRAPS F44 new straps, wide velcro TIRES Innova 700 x 28c RIMS F44 mid profile (21 mm), double wall, 32 holes HUBS F44 high flanges, sealed bearings, Cr-Mo axle, flip-flop (fixed/fixed) SPOKES ASSEMBLY Radial in front, 3-cross in rear CHAIN KMC Z410, 1/2"x1/8" REAR SPROCKET 16T, Cr-Mo FREEWHEEL 16T, not assembled on the bike BRAKE CALIPERS Alloy, not assembled on the bike

# RELAX

#### **FEATURES**

- 4 sizes : 49cm, 52 cm, 55 cm, 58 cm
- full 4130 Cr-Mo frame and fork
- engraved F44 Falcon logo in head tube
- 1-1/8" integrated headset (Campagnolo standard)
- flat handlebar/stem Cr-Mo combo
- 46/16 gear ratio
- sealed bearings BB set, JIS taper
- plastic BMX type pedals with new straps
- · sealed bearings hubs
- flip flop rear hub (fixed both sides)
- double wall rims, mid-profile : 21 mm
- 1/2"x1/8" chain
- 27,2 mm alloy seat post, 19 mm offset
- new slim saddle
- built to last, around 10.8 kg / 23.8 lbs
- colors : bronze clear coating, red clear coating

Every Focale 44 bike is delivered with brakes, freewheel and fixed sprocket. Bikes are shown without brakes.





#### **COMPLETE SPECIFICATIONS**

FRAME Focale 44 full 4130 Cr-Mo, 4 sizes, 120 mm hub spacing, weld-on seat clamp FORK Focale 44 full 4130 Cr-Mo, 1-1/8", short rake HEAD SET F44 integrated, Campagnolo style + spacers HANDLEBAR/STEM F44 1-piece flat combo, heat treated 4130 Cr-Mo, 75 mm stem, 480 mm width GRIPS Keirin, kraton CRANK F44 forged alloy, 165 mm arms, 46T chainring, BCD 130 mm BB Tange Seiki, sealed bearings, IIS taper PEDALS F44 Wellgo BMX plastic, Cr-Mo axle PEDAL STRAPS F44 new straps, wide velcro TIRES Innova 700 x 28c RIMS F44 mid profile (21 mm), double well, 32 holes HUBS F44 high flanges, sealed bearings, Cr-Mo axle, flip-flop (fixed/fixed) SPOKES ASSEMBLY Radial in front, 3-cross in rear CHAIN KMC Z410, 1/2"x1/8" REAR SPROCKET 16T, Cr-Mo FREEWHEEL 16T, not assembled on the bike SPAKE CALIPERS Alloy, not assembled on the bike

S-EXPRESS

**FEATURES** 

- 4 sizes : 49cm. 52 cm. 55 cm. 58 cm
- full 4130 Cr-Mo frame and fork
- engraved F44 Falcon logo in head tube
- 1-1/8" integrated headset (Campagnolo standard)
- narrow raised handlebar
- 46/16 gear ratio
- sealed bearing BB set, JIS taper
- plastic BMX type pedals with new straps
- · sealed bearings hubs
- flip flop rear hub (fixed both sides)
- double wall rims, mid-profile : 21 mm
- 1/2"x1/8" chain
- 27,2 mm alloy seat post, 19 mm offset
- new slim saddle
- built to last, around 11.2 kg / 24.8 lbs
- colors : raw clear coating, blue clear coating, red clear coating

Every Focale 44 bike is delivered with brakes, freewheel and fixed sprocket. Bikes are shown without brakes.







FRAME Focale 44 full 4130 Cr-Mo, 4 sizes, 120 mm hub spacing, weld-on seat clamp FORK Focale 44 full 4130 Cr-Mo, 1-1/8", short rake HEAD SET F44 integrated, Campagnolo style + spacers STEM F44 alloy, 4-bolt clamp, 60 mm HANDLEBAR F44 riser hi-ten, 40 mm high, 480 mm wide GRIPS Kraton, no flanges CRANK F44 forged alloy, 165 mm arms, 46T chainring, BCD 130 mm BB Tange Seiki, sealed bearings, 115 taper PEDALS F44 Wellgo BMX plastic, Cr-Mo axle PEDAL STRAPS F44 new straps, wide velcro TIRES Innova 700 x 23c RIMS F44 mid profile (21 mm), double wall, 32 holes HUBS F44 high flanges, sealed bearings, Cr-Mo axle, flip-flop (fixed/fixed) SPOKES ASSEMBLY Radial in front, 3-cross in rear CHAIN KMC Z410, 1/2"x1/8" REAR SPROCKET 16T, Cr-Mo FREEWHEEL 16T, not assembled on the bike SPAT POST F44 new seat post, 27.2 mm, alloy, 19 mm offset SEAT F44 new slim saddle, 7 mm rails LEVERS BMX style, not assembled on the bike BRAKE CALIPERS alloy, not assembled on the bike



#### **COMPLETE SPECIFICATIONS**

FRAME Focale 44 hi-ten, 4 sizes, 120 mm hub spacing, weld-on seat clamp FORK Focale 44 Hi-ten, 1" threaded, short rake HEAD SET 1" threaded, loose balls STEM F44 1" quilled, forged alloy, 80 mm HANDLEBAR F44 riser hi-ten, 40 mm high, 480 mm wide GRIPS Kraton, no flanges CRANK F44 forged alloy, 165 mm arms, 46T chainring, BCD 130 mm BB Tange Seiki, seeled bearings, 11S taper PEDALS BMX plastic, Cr-Mo axle TIRES Innova 700 x 23 cymwall RIMS F44 low profile [18 mm], 32 holes HUBS F44 High flanges, loose balls, Cr-Mo axle, flip-flop (fixed/fixed) SPOKES ASSEMBLY Radial in front, 3-cross in rear CHAIN KMC Z410, 1/2"x1/8" REAR SPROCKET (Cr-Mo axle, flip-flop (fixed/fixed) SPOKES ASSEMBLY Radial in front, 3-cross in rear CHAIN KMC Z410, 1/2"x1/8" REAR SPROCKET (Cr-Mo axle, flip-flop (fixed/fixed) SPOKES ASSEMBLY Radial in front, 3-cross in rear CHAIN KMC Z410, 1/2"x1/8" REAR SPROCKET (Cr-Mo axle, flip-flop (fixed/fixed) SPOKES ASSEMBLY Radial in front, 3-cross in rear CHAIN KMC Z410, 1/2"x1/8" REAR SPROCKET (Cr-Mo axle, flip-flop (fixed/fixed) SPOKES ASSEMBLY Radial in front, 3-cross in rear CHAIN KMC Z410, 1/2"x1/8" REAR SPROCKET (Cr-Mo axle, flip-flop (fixed/fixed) SPOKES ASSEMBLY Radial in front, 3-cross in rear CHAIN KMC Z410, 1/2"x1/8" REAR SPROCKET (Cr-Mo axle, flip-flop (fixed/fixed) SPOKES ASSEMBLY Radial in front, 3-cross in rear CHAIN KMC Z410, 1/2"x1/8" REAR SPROCKET (Cr-Mo axle, flip-flop (fixed/fixed) SPOKES ASSEMBLY Radial in front, 3-cross in rear CHAIN KMC Z410, 1/2"x1/8" REAR SPROCKET (Cr-Mo axle, flip-flop (fixed/fixed) SPOKES ASSEMBLY Radial in front, 3-cross in rear CHAIN KMC Z410, 1/2"x1/8" REAR SPROCKET (Cr-Mo axle, flip-flop (fixed/fixed) SPOKES ASSEMBLY (Cr-Mo axle, flip-flop (fixed

## COMPARATOR













MODEL	FULL MOON	
FRAME	Hi-ten	
FORK	Hi-ten	
HEAD SET	1" threaded	
STEM	Quill	
HANDLEBAR	Riser hi-ten	
CRANK	Forged alloy, BCD 130 mm	
PEDALS	BMX plastic, no straps	We
RIMS	Low profile : 18 mm	Mid
HUBS	Loose balls	
SEAT POST	Steel, 0 mm offset	

Cr-mo
Cr-mo
1-1/8" integrated
Aheadset flip flop
Riser hi-ten
Forged alloy, BCD 130 mm
ellgo BMX plastic, with straps
d profile : 21 mm, double wall
Sealed bearings
Alloy, 19 mm offset

Cr-mo
Cr-mo
1-1/8" integrated
Integrated with handlebar
Flat combo
Forged alloy, BCD 130 mm
ellgo BMX plastic, with straps
d profile : 21 mm, double wall
Sealed bearings
Alloy, 19 mm offset

DOBLE	
Cr-mo	
Cr-mo	
1-1/8" integrated	
Integrated with handlebar	
Track combo	
Forged alloy, BCD 130 mm	ſ
ellgo BMX plastic, with straps	We
d profile : 21 mm, double wall	Higl
Sealed bearings	
Alloy, 19 mm offset	

REVOLTED
Cr-mo
Cr-mo
1-1/8" integrated
Aheadset frontload
Riser alloy
Forged alloy, BCD 144 mm
Wellgo BMX plastic, with straps
High profile : 31 mm, double wall
Sealed bearings
Allou, 19 mm offset



# 2014 FRAMES CR-MO FRAME KIT

includes: frame + fork + headset + spacers colors: chrome, matt black, raw clear coating



#### **FRAME**

- 4 sizes : 49cm, 52 cm, 55 cm, 58 cm
- full 4130 Cr-Mo
- Long lasting reliable construction
- horizontal top tube
- integrated head tube for Campagnolo standard (1-1/8")
- engraved F44 Falcon logo in head tube
- BSA bottom bracket
- straight chain stays: allows up to 700 x 32c tire
- thinner seatt stays
- hole for rear brake in seat stays bridge
- 5 mm Cr-Mo CNC dropouts
- weld-on seat clamp with replaceable bolt and nut
- weight : 2090 grams / 4.6 lbs

#### FORK

- full 4130 Cr-Mo
- 1-1/8" steer tube threadless
- integrated crown cone for integrated headset only
- hole for front brake
- 25.4 mm taper legs
- 33.5 mm rake
- weight: 920 grams / 2.0 lbs



### HI-TEN FRAME KIT

includes : frame + fork + headset colors : matt black



#### **FRAME**

- 4 sizes : 49cm. 52 cm. 55 cm. 58 cm
- hi-ten steel
- long lasting reliable construction
- horizontal top tube
- standard 1" head tube
- engraved F44 Falcon logo in head tube
- BSA bottom bracket
- straight chain stays : allows up to 700x32c tire
- thinner seat stays
- hole for rear brake in seat stays bridge
- 5 mm CNC dropouts
- weld-on seat clamp with replaceable bolt and nut
- 2200 grams / 4.85 lbs

#### **FORK**

- hi-ten steel
- 1" steer tube threaded
- hole for front brake
- Hole for Hork brake
- 25.4 mm taper legs
- 33.5 mm rake
- 990 grams / 2.18 lbs

## GEOMETRY AND SIZING CHART



### REVOLTED, NOBLE, RELAX, S-EXPRESS, CR-MO FRAME KIT

	SIZE 49	SIZE 52	SIZE 55	SIZE 58
FRAME SIZE (BB to top of seat tube)	512 mm / 20.1"	530 mm / 20.9"	560 mm / 22.0"	590 mm / 23.2"
TOP TUBE	508 mm / 20.0"	530 mm / 20.9"	550 mm / 21.7"	580 mm / 22.8"
HEAD ANGLE	73°	74°	74°s	74°
SEAT ANGLE	75°	75°	75°	75°
CHAIN STAYS LENGTH (slammed)	395 mm / 15.6"			
BB DROP	60 mm / 2.4°	65 mm / 2.6"	65 mm / 2.6"	65 mm / 2.6"
HEAD TUBE LENGTH	100 mm / 3.9"	120 mm / 4.7"	150 mm / 5.9"	180 mm / 7.1"
HEAD TUBE STANDARD	Campagnolo integrated	Campagnolo integrated	Campagnolo integrated	Campagnolo integrated
SEAT POST SIZE	27.2 mm	27.2 mm	27.2 mm	27.2 mm
DISTANCE BETWEEN DROPOUTS	120 mm	120 mm	120 mm	120 mm
TIRE CLEARANCE	up to 32c	up to 32c	up to 32c	up to 32c



### FULLMOON, HI-TEN FRAME KIT

	SIZE 49	SIZE 52	SIZE 55	SIZE 58
FRAME SIZE (BB to top of seat tube)	508 mm / 20.0"	530 mm / 20.9"	560 mm / 22.0"	590 mm / 23.2"
TOP TUBE	508 mm / 20.0"	530 mm / 20.9"	550 mm / 21.7"	580 mm / 22.8"
HEAD ANGLE	73°	74°	74°	74°
SEAT ANGLE	75°	75°	75°	74°
CHAIN STAYS LENGTH (slammed)	395 mm / 15.6"			
BB DROP	60 mm / 2.4°	65 mm / 2.6"	65 mm / 2.6"	65 mm / 2.6"
HEAD TUBE LENGTH	80 mm / 3.2"	100 mm / 3.9"	130 mm / 5.1"	160 mm / 6.3"
HEAD TUBE STANDARD	1" threated	1" threated	1" threated	1" threated
SEAT POST SIZE	25.4 mm	25.4 mm	25.4 mm	25.4 mm
DISTANCE BETWEEN DROPOUTS	120 mm	120 mm	120 mm	120 mm
TIRE CLEARANCE	up to 32c	up to 32c	up to 32c	up to 32c



# REVOLTED WHEELSET

#### **FRONT WHEEL**

- sealed bearings
- high flanges
- 3/8" solid Cr-Mo axle
- OLD 100 mm
- 32 black spokes, radial lacing
- alloy double wall rim, 31 mm high
- hi-pressure rim tape
- color : black, hi-polish, white

#### **REAR WHEEL**

- sealed bearings
- high flanges
- flip-flop : for fixed cog both side, but a freewheel can be
- threaded on
- lock-ring included
- 3/8" solid Cr-Mo axle
- OLD 120 mm
- 32 black spokes, 3-cross lacing
- alloy double wall rim, 31 mm high
- hi-pressure rim tape
- color : black, hi-polish, white









FULL MOON WHEELSET

#### **FRONT WHEEL**

- loose balls bearings
- high flanges
- 3/8" solid Cr-Mo axle
- OLD 100 mm
- 32 black spokes, radial lacing
- alloy double wall rim, 21 mm high
- hi-pressure rim tape
- color : black

#### **REAR WHEEL**

- loose balls bearings
- high flanges
- flip-flop : for fixed cog both side, but a freewheel can be threaded on
- lock-ring included
- 3/8" solid Cr-Mo axle
- OLD 120 mm
- 32 black spokes, 3-cross lacing
- alloy double wall rim, 21 mm high
- hi-pressure rim tape
- color : black





#### TRACK COMBO HANDLEBAR

- 1-pc stem/handlebar combo, track/pista
- full 4130 heat treated Cr-Mo
- for 1-1/8" threadless steer tube
- 80 mm stem length
- 40 mm stem height
- 0° angle
- internal stem clamp
- 380 mm handlebar width, center to center
- 95 mm reach
- 160 mm drop
- 24 mm handlebar O.D.
- colors : black, chrome



#### REVOLTED HANDLEBAR

- raised handlebar
- 6061-T6 allou
- 22.2 mm all the way (including at stem clamp)
- 40 mm rise
- 480 mm wide
- 7° backsweep
- 3° upsweep
- color : black



#### **GRIPS**

- smooth kraton rubber
- micro diamond design
- 175 mm long
- for 23.8/24 mm handlebars (road bike and track handlebars)
- close ends
- colors : black or white



#### REVOLTED CRANK

- forged 6061-T6 alloy arms,165 mm
- BCD 144 mm
- alloy chainring 44T
- JIS taper
- color : black



#### PEDALS

- plateform style
- high resistant nulon body
- 9/16" axle
- color : black, red, blue, green, purple



#### **STRAPS**

- double straps
- $\bullet$  for plateform pedals
- wide upper velcro
- color : black



- made bu Innova
- 30 dpi sidewalls
- 700 x 28c
- color : white



#### FULL MOON TIRE

- made by Innova
- 30 dpi sidewalls
- 700 x 23c
- color : black with gumwall sidewalls



#### REVOLTED TIRE

- made by Innova
- 30 dpi sidewalls
- 700 x 28c
- color : black





#### REVOLTED STEM

- frontload stem for 1-1/8" steer tube
- forged + CNC 6061-T6 alloy
- for 22.2 mm handlebar
- 50 mm reach
- color : black



#### FULL MOON STEM

- quill stem for 1" threaded headset
- forged 6061-T6 alloy
- for 25.4 mm handlebar
- 80 mm reach
- color : black



#### HEADSET

- for integrated head tube
- Compagnolo compatible
- sealed bearings
- alloy cap
- color : black



#### REVOLTED RIM

- double wall
- 32 holes
- 31 mm high
- 24 mm wide
- black
- color : black, white, polish



#### **BRAKE LEVER**

- top mount on track handlebar
- for O.D. 23.8/24 mm handlebars
- hinged clamp
- return spring
- right only
- color : black



#### COG

- Cr-Mo
- 16 or 17 teeth
- for 1/2" x1/8" chain
- 1.37 x 24 tpi thread



#### LOCKRING

- Cr-Mo
- · fits most track hub with double thread



#### CHAINRING BOLTS

- set of 5 chainring bolts
- for single chainring

### DISTRIBUTORS

#### **AUSTRALIA** NEW ZEALAND Kickasshmx

www.kickassbmx.com hmx@kickasshmx.com

#### **BELGIUM** LUXEMBOURG

www.ezco.fr ezco@orange.fr

#### FRANCE Ezco

www.ezco.fr ezco@orange.fr

#### **GFRMANY** One Gear Distribution

www.onegear-distribution.de info@onegear.de

#### JAPAN

OTHERS COUNTRIES Please contact us for www.salonedelmonte.com distribution solutions uuumi@salonedelmonte.com guestion@focale44bikes.com

#### UNITED KINDGOM Zeal BMX

www.zealhmx.com info@zealbmx.com

Salone del Monte

### ONLINE STORES





www.zealbmxstore.com

### **WARRANTY**

Frames and parts are covered by a 1 year warranty from the original date of purchase. During this period, Focale 44 will repair or replace any frame or part deemed to have a manufacturing defect. Replacement frame or part may be of a different color. For complete bikes, replacement will only concern the damaged part, not the complete bike. Even if you contact us directly, all warranty claims must go through the dealer which sold the frame or part. Warranty does not cover normal wear and tear, misuse or neglect or modification of the frame or part. Warranty applies only to the original owner and is not transferable. Focale 44 or its mother company BMX Groupment shall not be responsible for incidental or consequential damages. Any comments ? question@focale44bikes.com



