

FOCALE44

2013 BIKES

IT IS OFTEN SAID :

"THEY DON'T MAKE THINGS LIKE THEY USED TO"...

...meaning that products now aren't as well made and don't last as long as those made in the past. However, in some cases, the opposite is true. Focale 44 bikes are an example, to which our first customers from autumn 2009 can testify. Their Focale 44s are still going strong. There's no secret or magic behind this, just quality design, engineering and manufacturing. True, a Focale 44 bike may cost more than some bikes that are currently fashionable, but just like some German cars, their owners never regret the investment...

**A FOCALÉ 44 BIKE LASTS,
BECAUSE IT IS WELL MADE.**



PAINT

Bikes and frame kits use powder coating paint. This paint is cooked in a oven 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.



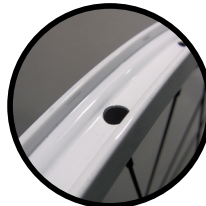
SEALED BEARINGS

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.

2013 BIKES

REVOLTED

FEATURES

- 4 sizes : 49cm, 52 cm, 55 cm, 58 cm
- full 4130 Cr-Mo frame and fork
- new engraved F44 Falcon logo in head tube
- 1-1/8" integrated headset (Campagnolo standard)
- BMX frontload stem
- narrow raised alloy handlebar
- BCD 144 mm track crank
- 44/16 gear ratio
- sealed bearings BB set, JIS taper
- plastic BMX type pedals, with 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
- aero-padded saddle
- built to last, around 10.0 kg / 22 lbs
- colors : cream white, blue clear coating

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



FULL SPECS

FRAME Full 4130 Cr-Mo, 4 sizes, 120 mm hub spacing, weld-on seat clamp **FORK** Full 4130 Cr-Mo, 1-1/8", short rake **HEAD SET** Integrated, Campagnolo style + 3 spacers (10 mm + 10 mm + 5 mm) **STEM** Forged + CNC, frontload, 22.2 mm bar bore, 50 mm **HANDLEBAR** Alloy, 40 mm raised, 480 mm wide, 22.2 mm all the way **GRIPS** Kraton, no flanges **CRANK** Track forged alloy, 165 mm arms (size 49 cm = 160 mm), 44T alloy chainring, BCD 144 mm **BB** Tange Seiki, sealed bearings, JIS taper **PEDALS** Wellgo BMX plastic, Cr-Mo axle **PEDAL STRAPS** Dual straps, wide velcro **TIRES** Innova 700 x 28c **RIMS** High profile [31 mm], wide [24 mm], double wall, 32 holes **HUBS** 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 **SEAT POST** 27.2 mm, straight, alloy cups **SEAT** Aero padded, BMX style, 7 mm rails **LEVERS** BMX style, not assembled on the bike **BRAKE CALIPERS** Alloy, not assembled on the bike

2013 BIKES

NOBLE

FEATURES

- 4 sizes : 49cm, 52 cm, 55 cm, 58 cm
- full 4130 Cr-Mo frame and fork
- new 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 straps
- sealed bearings hubs
- flip flop rear hub (fixed both sides)
- double wall rims, mid-profile : 21 mm
- 1/2"x1/8" chain
- aero-padded saddle
- built to last, around 10.8 kg / 23.8 lbs
- colors : matte black, chrome

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



FULL SPECS

FRAME Full 4130 Cr-Mo, 4 sizes, 120 mm hub spacing, weld-on seat clamp **FORK** Full 4130 Cr-Mo, 1-1/8", short rake **HEAD SET** Integrated, Campagnolo style + 2 spacers (10 mm + 5 mm) **HANDLEBAR/STEM** 1-piece track combo, heat treated 4130 Cr-Mo 80 mm stem, 380 mm width **GRIPS** Keirin, kraton **CRANK** Forged alloy, 165 mm arms (size 49 cm = 160 mm), alloy chainring 46T, BCD 130 mm **BB** Tange Seiki, sealed bearings, JIS taper **PEDALS** Wellgo BMX plastic, Cr-Mo axle **PEDAL STRAPS** Dual straps, wide velcro **TIRES** Innova 700 x 28c **RIMS** Mid profile [21 mm], double wall, 32 holes **HUBS** 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 **SEAT POST** 27.2 mm, straight, alloy cups **SEAT** Aero padded, BMX style, 7 mm rails **LEVERS** Cyclocross style, not assembled on the bike **BRAKE CALIPERS** Alloy, not assembled on the bike

2013 BIKES

S-EXPRESS

FEATURES

2013 UPGRADES

- fully forged crank, like on Noble bike
- pedals with straps
- 4 sizes : 49cm, 52 cm, 55 cm, 58 cm
- full 4130 Cr-Mo frame and fork
- new engraved F44 Falcon logo in head tube
- 1-1/8" integrated headset (Campagnolo standard)
- narrow raised handlebar
- 42/16 gear ratio
- sealed bearing BB set, JIS taper
- plastic BMX type pedals with straps
- sealed bearings hubs
- flip flop rear hub (fixed both sides)
- double wall rims, mid-profile : 21 mm
- 1/2"x1/8" chain
- 300 mm long seat post
- aero plastic saddle
- built to last, around 11.2 kg / 24.8 lbs
- color : chrome, raw, blue clear coating

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



FULL SPECS

FRAME Full 4130 Cr-Mo, 4 sizes, 120 mm hub spacing, weld-on seat clamp **FORK** Full 4130 Cr-Mo, 1-1/8", short rake **HEAD SET** Integrated, Campagnolo style + 2 spacers (10 mm + 5 mm) **STEM** Alloy, 4-bolt clamp, 60 mm **HANDLEBAR** Hi-ten, 40 mm raised, 480 mm wide **GRIPS** Kraton, no flanges **CRANK** Forged alloy, 165 mm arms (size 49 cm = 160 mm), 42T chainring, BCD 130 mm **BB** Tange Seiki, sealed bearings, JIS taper **PEDALS** Wellgo BMX plastic, Cr-Mo axle **PEDAL STRAPS** Dual straps, wide velcro **TIRES** Innova 700 x 23c **RIMS** Mid profile (21 mm), double wall, 32 holes **HUBS** 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 **SEAT POST** 25.4 mm, straight **SEAT** Aero plastic, BMX style, 7 mm rails **LEVERS** BMX style, not assembled on the bike **BRAKE CALIPERS** alloy, not assembled on the bike

2013 BIKES

FULL MOON

FEATURES

2013 UPGRADES

- fully forged crank, like on Noble bike
- 4 sizes : 49cm, 52 cm, 55 cm, 58 cm
- hi-ten steel frame and fork
- new engraved F44 Falcon logo in head tube
- 1" forged alloy stem, 1" threaded headset
- narrow raised handlebar
- 42/16 gear ratio
- sealed bearing BB set, JIS taper
- plastic BMX type pedals
- loose balls hubs
- flip flop rear hub (fixed both sides)
- double wall rims, mid-profile : 21 mm
- 1/2"x1/8" chain
- 300 mm long seat post
- aero plastic saddle
- built to last, around 11.5 kg / 25.4 lbs
- color : black

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



FULL SPECS

FRAME Hi-ten, 4 sizes, 120 mm hub spacing, weld-on seat clamp **FORK** Hi-ten, 1" threaded, short rake **HEAD SET** 1" threaded, loose balls **STEM** 1" quilled, forged alloy, 80 mm **HANDLEBAR** Hi-ten, 40 mm raised, 480 mm wide **GRIPS** Kraton, no flanges **CRANK** Forged alloy, 165 mm arms (size 49 cm = 160 mm), 42T chainring, BCD 130 mm **BB** Tange Seiki, sealed bearings, JIS taper **PEDALS** BMX plastic, Cr-Mo axle **TIRES** Innova 700 x 23c gumwall **RIMS** Mid profile (21 mm), double wall, 32 holes **HUBS** 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** 16T, Cr-Mo **FREEWHEEL** 16T, not assembled on the bike **SEAT POST** 25.4 mm, straight **SEAT** Aero plastic, BMX style, 7 mm rails **LEVERS** BMX style, not assembled on the bike **BRAKE CALIPERS** alloy, not assembled on the bike

2013 FRAMES

REYNOLDS 853

THE BEST STEEL TUBES FOR A MODERN FRAME

HIGHLIGHTS

- Reynolds 853 front triangle
- internal seat clamp in top tube, Strawberry patent
- Taper Lock dropouts, self chain tensioners. Rear wheel is actually locked

- includes : frame + headset
- 4 sizes : 49cm, 52 cm, 55 cm, 58 cm
- top tube, down tube and seat tube : Reynolds 853, made in UK
- chain stays and seat stays : 4130 Cr-Mo
- horizontal top tube
- integrated head tube for Campagnolo standard (1-1/8")
- engraved F44 logo in head tube (not visible on the picture)
- BSA bottom bracket
- CNC seat stays bridge, not compatible with rear brake shoe
- 4 mm Cr-Mo CNC dropouts, with Taper Lock chain tensioner
- internal seat clamp in top tube
- tire clearance: up to 700x32c tire
- weight : 1750 grams / 3.8 lbs
- colors : matt black



2013 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"]
- BSA bottom bracket
- straight chain stays : allows up to 700 x 35c tire
- thinner seat 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
- new engraved F44 Falcon logo in head tube
- BSA bottom bracket
- straight chain stays : allows up to 700x35c 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
- 25.4 mm taper legs
- 33.5 mm rake
- 990 grams / 2.18 lbs

2013 FRAMES GEOMETRY



REVOLTED, NOBLE, 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"	395 mm / 15.6"	395 mm / 15.6"	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 35c	up to 35c	up to 35c	up to 35c

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"	395 mm / 15.6"	395 mm / 15.6"	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" threaded	1" threaded	1" threaded	1" threaded
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 35c	up to 35c	up to 35c	up to 35c

2013 WHEELSET

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



2013 WHEELSET

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



2013 PARTS



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



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



FULL MOON STEM

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



HEADSET

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



REVOLTED HANDLEBAR

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

2013 PARTS



REVOLTED CRANK

- forged 6061-T6 alloy arms, 165 mm
- BCD 144 mm
- alloy chainring 44T
- 11S taper
- color : black



PEDALS

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



STRAPS

- double straps
- for platform pedals
- wide upper velcro
- color : black



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



NOBLE TIRE

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

2013 PARTS



REVOLTED RIM

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



FULL MOON SEAT

- aero seat
- 7 mm rails
- plastic
- colors : black, white



REVOLTED SEAT

- aero seat
- 7 mm rails
- padded : foam + vinyl cover
- colors : black, white



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" x 1/8" 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



FOCALE44BIKES.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

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