

/// RXF 2020 LINE





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/// DESIGNED IN FRANCE

THREE YEARS OF WORK IN OUR PARIS OFFICES WERE NECESSARY TO CREATE AND DEVELOP OUR RXF: FROM MODELING TO OUR VERY AGRESSIVE LOOK AND A BRAND-NEW CHASSIS BASED ON THE RFZ, NEW PARTS EXCLUSIVELY MADE FOR THIS BIKE.





3D DESIGN

Research, design, test ... our team of designers work tirelessly to create our 3D models. Next we validate and test on the official Apollo track in competition mode. Our parts are perfectly adapted for minicross.





PERFECTION

Custom built with a level of unparalleled quality of our finished product and main components. We pride ourselves on our expertise: frame, swingarm, exhaust, handlebars, plastic seat, tank, motor guard and even the volt suspension elements.



QUALITY

To guarantee quality, nothing is better than hand crafted work by well-trained, experienced individuals. Our team is committed to excellence and takes pride in producing quality products that our customers have come to expect.



BY RIDERS, FOR RIDERS.

At Apollo, all our engineers have riding experience. Therefore each of the RFX motorcycles are designed with an understanding of racing. To avoid driver fatigue, our products are ergonomically designed, removing unnecessary weight, providing an optimal ease of maintenance, withstanding the toughest tests. That's our philosophy!





V-TRAAK SHOCKS

The Volt V-TRAAK shocks equipped with the RFX Elite S Line. They have been developed specifically to allow the frame to benefit from an aggressive terrain. In addition to impact reduction settings it is possible to adjust the high and low speed compression. Its unique design also has the distinction of having a 360° removable bomb.



PERFORMANCE.





The new exhaust line is attached to the rear loop. The large Volt exhaust silencer ensures a good performance but with a low weight. It allows the motorcycle to stay under the most demanding noise thresholds.

SUSPENSIONS

A rotating gas container with compression settings high and low speed. In addition to having the ability to adjust the position of the 360 ° gas container, this fantastic rear shock Volt V-Traak has the possibility to adjust the compression levels at high and low speed.

BRAKES

New brake disc, new protections ...

Front brake caliper double piston, single piston at the rear, combined with disks Wave very light.

SWING ARM

New design!

This frame has the unique peculiarity of having the entire lower part molded in one pièce. It brings a much greater strength in addition to a very beautiful

finish. Also it's new cast-mounted brake pedal that now goes over its new footrests. The angle was opened at 25 ° to obtain more stability while kee-

FRAME

ping it's fun side.

Even more beautiful than the old one of the RFZ, this aluminum swing arm CNC, is dismountable in three parts, the screws are not visible any more on the sides. Lightweight and stylish, all Volt swingarms are mounted on needle bearings and are equipped with the new, super-resistant chain guide!

BIKEWEW

FRONT FORK

A demountable front fork! The new Volt V-Traak front fork is fully demountable, possibility to be prepared by any professional. This fork can be adjusted in compression and relaxation by a touch of your figers.

A bit of luck and random may be enough to reach a «pretty good» level, but excellence is not a coincidence: Volt Racing fatbar handlebars, tripple clamps and CNC milled Volt Racing hubs, lever foot brake high-quality adjustable in 2 positions. The closer we look at it, the more the differences are obvious.

Someone already noticed that for a RXF, only 3 key sizes are enough for more than 85% of the screws?

WHEELS

No coincidence: high-end Volt Racing wheels with 7116 CNC machining hubs, and INNOVA tires. The wheels have the distinction of having the black spokes.



WHAT'S NEW 2018

- V-Traak front and rear suspensions
- RXF frame with molded footrest
- Volt swingarm CNC aluminum
- Roller mounted brake pedal that passes over the footrests
- Plastic, seat, and large gas tank capacity 5.3L
- Front forks protections
- Fatbar handlebar with new foam
- Quick throttle
- Rigid fender flap
- Drawer air box
- Front and rear disk guards
- Rear master cylinder protection
- 190mm and 220mm brake disc
- Reinforced chain guide Volt
- Volt chain slider
- Footrest
- Removable stand
- Reinforced fuel valve
- Shifter

SKID PLATE

The RFZ is equipped with its brand new short skid plate. Thanks to its innovative design the bike will not take much weight with the mud. It is also extremely resistant.



AIR BOX

Finally an air box with drawers! Thanks to this air box, your RXF will be able to roll under any weather condition contrary with an air filter. Thanks to its unique drawer design, it will take you less than 20 seconds to remove and clean your filter.



/// MINICROSS RXF MINI 55









This new RXF Mini is the first mini motorcycle developed with the same finishes as larger bikes, it looks like a 250cc! More than 12 months were needed to develop suspension that is adapted to kids, this bike is made for children from 3 to 7 years old. It is equipped with the new Zongshen 55cc automatic electric starter.



SUSPENSION

The Volt V-ONE 25 fork, which measures 545mm long and has 25mm tubes was developed for maximum flexibility. Its design is unique. White sheaths with blue fork covers. The 190mm VOLT V-ONE shock absorber is the centre piece of this RXF Mini, bringing a unique comfort for the child rider.

• Rigid fender flap • Hour counter

• Hydraulic brake front / rear

WHAT'S NEW

- Update from previous RXF Mini
- New Zongshen motor with dimmer
- Electric Start
- 56cm seat height
- Soft suspension suitable for children
- New RXF design
- Drawer air box





PLASTICS

The RFX plastic kit models were developed in France at our Paris offices in close collaboration with our factory riders: ultra-fine stern line, maximum freedom of movement, without compromise for the placement of the components. Everything fits like a glove. The intelligence in design of the new plastic kit is felt as soon as one sits on the bike. More than just a motorcycle for children, it comes with a fantastic drawer air box which allows for use in any conditions! The rear fender flap will protect the incredible Volt damper.



SEAT

The new RXF Mini seat is longer than other brands and has an especially thin profile which facilitates the retention of the bike with the legs. This seat is completely independent of the plastic and can be disassembled in less than 30 seconds.

/// MINICROSS RXF JUNIOR 90/110









It has taken 3 years for Apollo's engineers to develop this new minicross RXF JUNIOR. Adding a new chassis, oscillating arm, suspension and plenty of standard options, the RXF is now a machine to be taken seriously!





With this new chassis, an innovative and unique piece is born: one made-to-measure solid piece footrest! A finish that is a cut above offering more strength:

Finishes twisting footrest supports! This new footrest, accommodates new parts specifically developed for this RXF, such as the brake pedal, footrests ...

SPECIFICATION

- ENGINE TYPE: YX 110CC
- CARBURETOR: MOLKT
- TRANSMISSION: 4 GEARS (N-1-2-3-4)
- COOLING: AIR COOLING
- FROTN/REAR RIM: STEEL 14"/12
- FRONT/REAR TYRE:SBLONG
- FRONT/REAR BRAKE:
- DISC BRAKE 220MM/190MM
- REAR SWING ARM: STEEL
- HANDLEBAR: STEEL FATBAR 28,6MM
- TRIPLE CLAMPS: FORGED ALUMINIUM
- FRONT SUSPENSION: VOLT V-ONE 630MM
- REAR SHOCK: VOLT V-ONE 275MM

- WHEEL BASE: 1100MM
- GROUND CLEARANCE: 180MM
- SEAT HEIGHT: 690MM
- TANK CAPACITY: 5.3L
- NET WEIGHT: 74KG
- LOADING QUANTITY(20FT / 40HQ): 63 UNITS / 156 UNITS





PLASTICS

Ergonomics and points of contact for the rider have been particularly thought out for freedom of movement and comfort on this RXF. The special shape of the front and rear fenders guarantee maximum stability and minimal weight thanks to a well designed structure and production.

The big draw of this plastic kit is the new rigid bib that protects your damper from mud. The end result: to create a perfect harmony between the rider and the machine. Immediately the result is convincing.



AIR BOX

No longer worry about riding in rainy weather! All RXF bikes are equipped with quick opening drawer air boxes to access the filter. Very well designed, this box is attached to the frame and perfectly integrated.

/// MINICROSS RXF OPEN 125/140









It has taken 3 years for Apollo's engineers to develop this new minicross RXF Open. Adding a new chassis, oscillating arm, suspension and plenty of standard options, the RXF is now a machine to be taken seriously!



NEW RXF CHASSIS

With this new chassis, an innovative and unique piece is born: one made-to-measure solid piece footrest! A finish that is a cut above offering more strength:

Finishes twisting footrest supports! This new footrest, accommodates new parts specifically developed for this RXF, such as the brake pedal, footrests ...

WHAT'S NEW

- New skew angle of 25 °
- Molded brake pedal that passes clean above the footrests
- New 2018 Volt Suspension
- New RXF design
- New fork protectors
- New swingarm
- New reinforced chain guide
- New fatbar handlebars
- Drawer air box
- Rigid fender flap
- Front / rear disc protection
- 5.3L tank
- Hour counter





PLASTICS

Ergonomics and points of contact for the rider have been particularly thought out for freedom of movement and comfort on this RXF. The special shape of the front and rear fenders guarantee maximum stability and minimal weight thanks to a well designed structure and production.

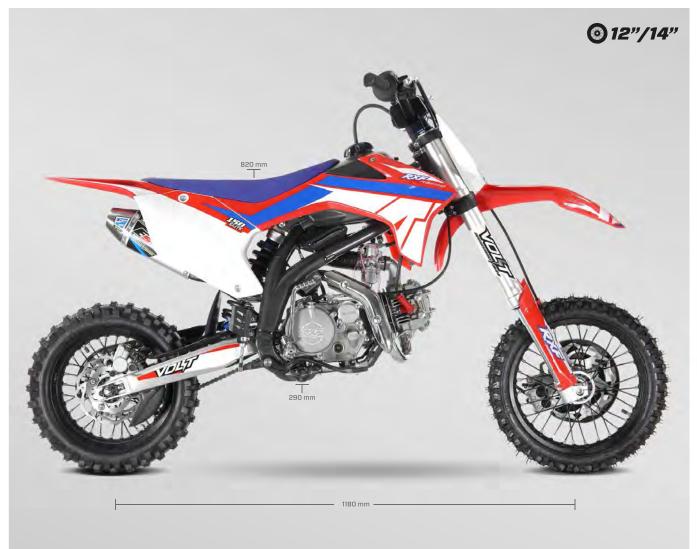
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AIR BOX

No longer worry about riding in rainy weather! All RXF bikes are equipped with quick opening drawer air boxes to access the filter. Very well designed, this box is attached to the frame and perfectly integrated.

/// MINICROSS RXF ELITE 150









With the RFX Elite 150 handlebars you are now playing with the big boys! Every detail is optimized. This machine is made for connoisseurs, those who create their own path. Imagine adjustable Volt suspension, aluminum rims and a powerful 150cc engine... Imagine no more!



FORK

The Volt V-Traak fork comes equipped on the RXF Elite and Elite-S. With its unusual 810mm dimensions and 37mm tubes, this fork has been specially developed for the RFZ frame. Its design is unique with its white sleeves, blue fork heads and adjustment dials. When compressed, it is regulated at foot and fork levels.

WHAT'S NEW

- Volt suspension fork V-Traak adjustable in compression and relaxation
- Volt suspension shocks
- V-Force adjustable in relaxation
- New chassis with foot molded frame
- New skew angle of 25 °
- Molded brake pedal that passes above the footrests
- New 2018 Volt suspension
- New RXF design
- New fork protectors

- New swingarm
- New reinforced chain guide
- New fatbar handlebars
- Drawer air box
- Rigid fender flap
- Front / rear disc protection
- 5.3L Tank
- Hour counter
- Aluminum rims





HANDLEBARS

The 28.6mm Fatbar RXF handlebars have been specially designed for the RXF chassis. With its unique curve and high resistance, you are at the controls of a fighter jet!



V-FORCE SHOCKS

This Elite 150 is equipped with new Volt V-Force shocks, its piston is larger to ensure maximum compressions and is rounded out with a superb aluminum adjustment dial.

/// MINICROSS RXF ELITE S 150

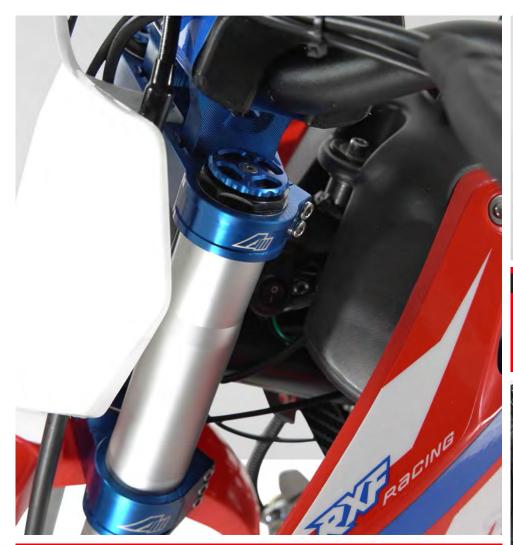








This RXF ELITE 150cc S is a RXF ELITE equipped with a YX 150cc engine cylinder head type klx provided with an oil radiator to achieve even greater power. This S version is clearly intended for competition: new swingarm, fork tees, chain tensioners and hub Volt aluminum racing cut in the mass! The wheels are now equipped with Innova tires, in short it does not laugh at all at the handlebars of this fighter!



CNC TRIPLE CAMPS

Many Volt racing aluminum parts carved in the mass eqip this RXF S version including these beautiful Volt triple forks. These are used to maintain the beautiful Volt VTRAAK adjustable fork in compression and relaxation.

WHAT'S NEW

- New Volt racing fork tees
- New Volt suspension V-Traak forks
- New kick racing
- New Volt racing aluminum swingarm size in removable mass





VOLT V-TRAAK SHOCKS

This Volt V-Traack shock absorber with a swivel cylinder is equipped with high and low speed compression knobs. Thanks to this innovation, this shock absorber is fully integrated into your RXF, your canister accessible on the left side of your bike can benefit from all of your settings without having to remove the rear bib or any plastic! Like the V-force, you can adjust the trigger through its beautiful blue adjustment wheel cut into the mass.



ALU VOLT SWING ARM

Light and stylish, the new swingarm is mounted on a needle cage which gives it greater strength, it is a marvel to have the best possible traction! This Volt Racing swingarm is out of aluminum cut in the mass, it is completely dismountable, no welding was necessary for its construction, it is thus impossible to break it! This arm is equipped with Volt racing aluminum chain tensioners cut in the mass. This Elite S is mounted on reinforced aluminum wheels with aluminum hubs fitted with Innova tires for better handling!

/// MINICROSS RXF FREERIDE 125









This new 125cc RXF Freeride version was developed based on the RFZ Lwb 2016. In addition to its new plastic kit, the chassis has completely changed with the arrival of its new molded frame feet and brake pedal mounted on bearings that now passe over the footrests. This handy and versatile bike can be used both cross and enduro, so do not hesitate!



SUSPENSIONS

The VOLT V-ONE 33 fork, which measures 830mm long and has 33mm tubes, has been developed to have a maximum of 210mm of travel. Its design is unique, its sheaths are white and its V-shaped fork heads are blue. With its wider triple clamps and tubes of 48mm / 51mm, this RXF Freeride will be more stable than its competitors! The VOLT V-ONE shock absorber measures 350mm to ensure undeniable comfort both in cross and enduro.

WHAT'S NEW

- New RXF Freeride model from 14 years old
- Big wheel 14 " / 17 "
- New frame with molded foot pegs
- Molded brake pedal that passes over the foot pegs
- New suspensions Volt 2018
- New RXF design, new fork protections
- Air box with drawers
- Rigid fender flap
- Front / rear disc protection
- 6.5L gas tank





PLASTICS

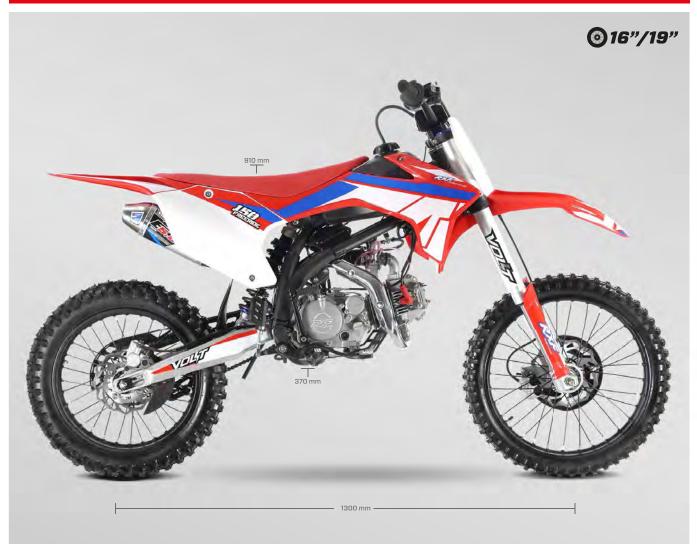
The plastic body kit of the RXF models was developed in France in our Paris offices in close collaboration with our factory pilots: ultra fine stern line, maximum freedom of movement, without any compromise for the placement of the components everything fits like a glove. The design intelligence of the new plastic kit is felt as soon as you sit on the bike. More than just a kid's bike, it has a fantastic air box with drawers for use in any conditions! The rear fender flap will protect its incredible Volt rear shock.



AIR BOX

Ride in rainy weather, no more problems. All RXF are now equipped with an air boxes with quick opening of the drawer to access its filter. Very well designed, this box is fixed on the frame and perfectly integrated.

/// MINICROSS RXF FREERIDE 150









This new RXF Freeride 150 differs from the 125 model with it's YX 150cc engine but especially with its 16" rear and 19" front wheel, which is a world first with a horizontal engine! In addition to its new plastic kit, the frame has completely changed with the arrival of this new molded frame and its bearing-mounted brake pedal that now passes over the footrests. Finally a motorcycle for adults, you will now be able to follow your child!



HANDLEBAR

All the new RXF range is now equipped with a Fatbar 28,6mm handlebars. Thanks to its wider curve and its high resistance, you are piloting a fighter plane! The big difference with this Volt handlebar is its handlebar foam, which has a hole that can accommodate the hose breather without pinching.

WHAT'S NEW

- New RXF Freeride model from 16 years old
- Larger wheels 16 " / 19 "
- New frame with molded footrest s
- Molded brake pedal that passes over the footrests
- New suspensions Volt 2018
- New RXF design, new fork protections
- Air box with drawers
- Rear shock rigid fender
- Front / rear disc protection
- 6.5L tank





FRAME

This is the big evolution of this RXF, the frame is now provided with molded foot pegs. Because of this, there are many less parts to weld, the supports of the footrests are much stronger, they will never be twisted again. A new brake pedal now goes over them, it is molded and especially mounted on bearings.



SWING ARM

This new swing arm is longer, bigger, mounted on needle bearing cage, with a high-resistance chain slider. Too often your guide bars are twisted or broken, this will never be the case with this one designed with a high resistant plate and a center distance greater than normal ensuring a maximum of rigidity. Depending on the size of your sprocket, you can change the position.

/// RXF TECHNICAL SPECIFICATIONS

ENGINE	MINI 55	JUNIOR 110	OPEN 125/140	ELITE 150	ELITE S 150	FREERIDE 125	FREERIDE 150
ENGINE TYPE	Zongshen Single Cylinder 4 Stroke	YX Single Cylinder 4 Stroke	YX Single Cylinder 4 Stroke	YX Single Cylinder 4 Stroke	YX Single Cylinder 4 Stroke	YX Single Cylinder 4 Stroke	YX Single Cylinder 4 Stroke
DISPLACEMENT	56,8cc	110cc	119,6cc	147,7cc	149,8cc	119,6cc	147,7cc
ORE X STROKE	44mm x 37,4mm		52,4mm x 55,5mm	56mm x 60mm	60mm x 53mm	52,4mm x 49,5mm	56mm x 60mm
IL CAPACITY	700mL	700mL	800mL	900mL	900mL	800mL	900mL
OOLING	Air	Air	Air	Air	Air	Air	Air
ARBURATOR	Shengway PZ14		Molkt PZ26	Molkt PZ26	Molkt PZ26	Molkt PZ26	Molkt PZ26
LUTCH	Wet multi-disc clutch	Wet multi-disc clutch	Wet multi-disc clutch	Wet multi-disc clutch	Wet multi-disc clutch	Wet multi-disc clutch	Wet multi-disc clutch
SNITION	CDI	CDI	CDI	CDI	CDI	CDI	CDI
TARTER	Electric	Kick	Kick	Kick	Kick	Kick	Kick
RANSMISSION	1 gear automatic	4 gears (N-1-2-3-4)	4 gears (N-1-2-3-4)	4 gears (N-1-2-3-4)	4 gears (N-1-2-3-4)	4 gears (N-1-2-3-4)	4 gears (N-1-2-3-4)
INAL TRANSMISSION	420 SF Chain	428 KMC chain	428 KMC chain	428 KMC chain	428 KMC chain	428 KMC chain	428 KMC chain
PROCKETS	Rear sprocket 41 teeth, front sprocket 14 teeth	Rear sprocket 43 teeth, Front sprocket 14 teeth	Rear sprocket 43 teeth, Front sprocket 14 teeth	Rear sprocket 43 teeth, Front sprocket 14 teeth	Rear sprocket 43 teeth, Front sprocket 14 teeth	Rear sprocket 43 teeth, Front sprocket 14 teeth	Rear sprocket 43 teeth, Front sprocket 14 teeth
CHASSIS							
FRONT SUSPENSION	Volt Suspension V-ONE 545mm	Volt Suspension V-ONE 630mm	Volt Suspension V-ONE 810mm	Volt Suspension V-TRAAK 810mm adjustable in compression/trigger	Volt Suspension V-TRAAK 810mm adjustable in compression/trigger	Volt Suspension V-ONE 810mm	Volt Suspension V-ONE 810mm
RAVEL SUSPENSION	110mm	210mm	210mm	210mm	210mm	210mm	210mm
RIPLE CLAMPS	Aluminium	Aluminium	Aluminium	Aluminium	Aluminium monobloc CNC Volt Racing	Aluminium	Aluminium
EAR SUSPENSION	Volt Suspension V-ONE 190mm	Volt Suspension V-ONE 275mm	Volt Suspension V-ONE 350mm	Volt Suspension V-FORCE 350mm adjustable in trigger	Suspension V-TRAAK 350mm adjustable in compression high/ low speed & in trigger	Volt Suspension V-ONE 350mm	Volt Suspension V-ONE 350mm
SWING ARM	Steel with needle cages	Aluminium CNC-machined mounted on needle cages	Steel with needle cages	Steel with needle cages			
RONT BRAKE	Disc brake, simple piston disc 170mm	Disc brake, double piston disc 220mm	Disc brake, double piston disc 220mm	Disc brake, double piston disc 220mm	Disc brake, double piston disc 220mm	Disc brake, double piston disc 220mm	Disc brake, double piston disc 220mm
REAR BRAKE	Disc brake, simple piston disc 170mm	Disc brake, simple piston disc 190mm	Disc brake, simple piston disc 190mm	Disc brake, simple piston disc 190mm	Disc brake, simple piston disc 190mm	Disc brake, simple piston disc 190mm	Disc brake, simple piston disc 190mm
RONT WHEEL	Steel rim 10"	Steel rim 14"	Steel rim 14"	Aluminium rim 14"	Aluminium rim Volt 7116 14"	Steel rim 17"	Steel rim 19"
EAR WHEEL	Steel rim 10"	Steel rim 12"	Steel rim 12"	Aluminium rim 12"	Aluminium rim Volt 7116 12"	Steel rim 14"	Steel rim 16"
RONT TIRE	Guangli 2,5x10	Guangli 2,75x14	Guangli 2,75x14	Guangli 2,75x14	Innova 2,75x14	Guangli 2,75x17	Guangli 2,75x19
EAR TIRE	Guangli 2,5x10	Guangli 3,0x12	Guangli 3,0x12	Guangli 3,0x12	Innova 3,0x12	Guangli 3,0x14	Guangli 3,0x16
XHAUST	VOLT PERFORMANCE Aluminium, cartridge E 6.0™ inox	VOLT PERFORMANCE Aluminium, cartridge E 5.0™ inox	VOLT PERFORMANCE Aluminium, cartridge E 5.0™ inox	VOLT PERFORMANCE Aluminium, cartridge E 5.0™ inox	VOLT PERFORMANCE Aluminium, cartridge E 5.0™ inox	VOLT PERFORMANCE Aluminium, cartridge E 5.0™ inox	VOLT PERFORMANCE Aluminium, cartridge E 5.0 inox
EAT	Volt racing red	Volt racing red	Volt racing red	Volt racing blue	Volt racing blue	Volt racing red	Volt racing red
UEL TANK	1,6L	5,3L	5,3L	5,3L	5,3L	6,5L	6,5L
COLOR	Red	Red	Red	Red	Red	Red	Red
IANDLE BAR	22mm steel	28,6mm steel	28,6mm steel	28,6mm steel	28,6mm aluminium	28,6mm steel	28,6mm steel
RIPS	Apollo	Apollo	Apollo	Apollo	Apollo	Apollo	Apollo
RAME	Chassis central tubulaire en tubes profilés	Chassis central tubulaire en tubes profilés	Chassis central tubulaire en tubes profilés	Chassis central tubulaire en tubes profilés			
DIMENSIONS							
SEAT HEIGHT	560mm	690mm	820mm	820mm	820mm	890mm	910mm
VHEELBASE	855mm ±10 mm	1110mm ±10 mm	1180mm ±10 mm	1180mm ±10 mm	1180mm ±10 mm	1300mm ±10 mm	1300mm ±10 mm
ROUND CLEARANCE	180mm	180mm	290mm	290mm	290mm	350mm	370mm
CURB MASS	43kg	74kg	77kg	77kg	77kg	78kg	78kg



































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