

# ULTIMA

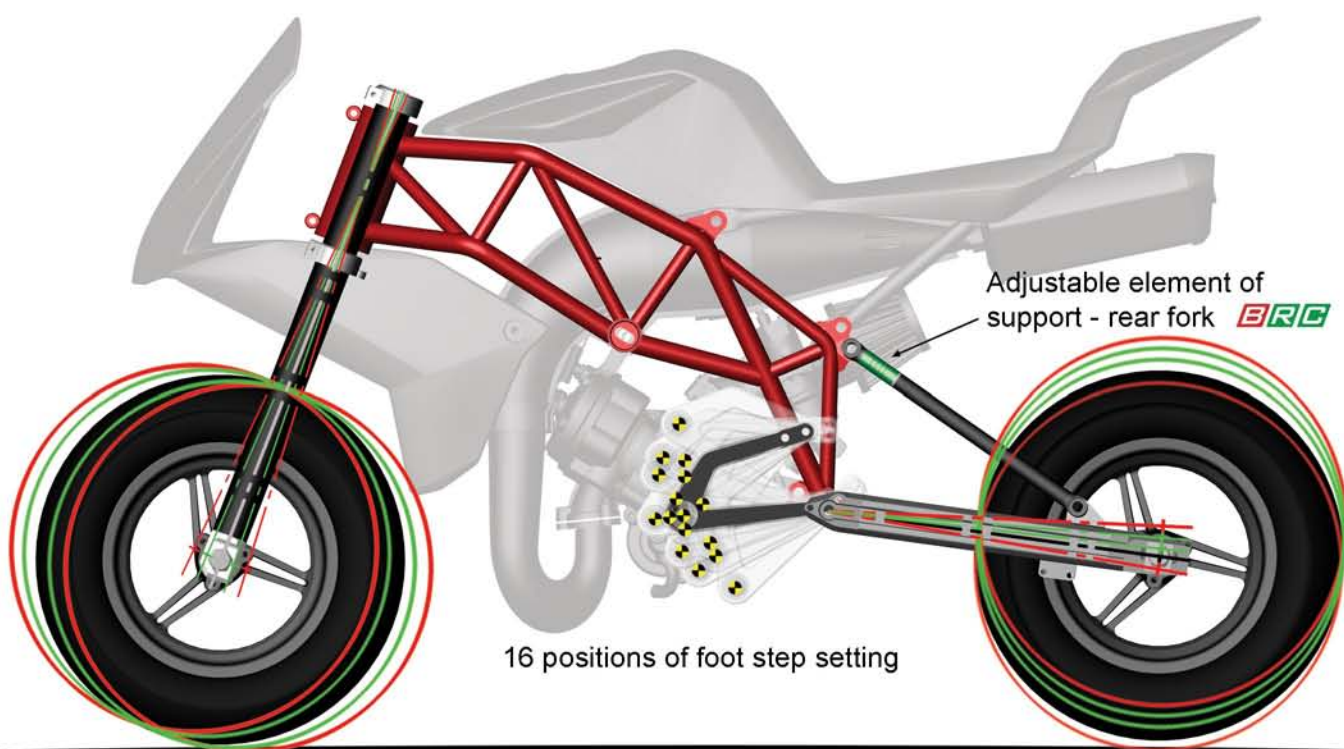


*The many-years experience of the company Blata concerning the mini motorcycles is now reflected in the new racing minibike Ultima of which the versions will be engaged in all minibike classes of competitions all over the world.*

*MINI, MIDI, 40ccm, 50ccm, Junior A, Junior B, Senior OPEN ... this all is now completed with the minibike Ultima. In addition, when choosing the Ultima, the rider can choose not only the motor and size for the specified category but he can also choose the carbon parts, two kinds of cowling, ultra-light wheels and steering dumper. Also the advanced components are available that change the basic geometry of chassis. On the other hand, there are also the basic versions at favourable prices that include the standard components of traditional materials. No matter if you ride on Sunday after lunch with your friends at the old airport or if you count the hundredth of second and you fight for victory at the European championship. Ultima is a minibike that you compose exactly for your track and your style. The main goals have been achieved during the development of Ultima: low weight, precise manoeuvrability, variability and individual setting. The whole motorcycle in every its detail has been designed by means of professional computer software, the top quality materials have been used and the prototypes were tested by European champions.*

# BLATA SET-UP

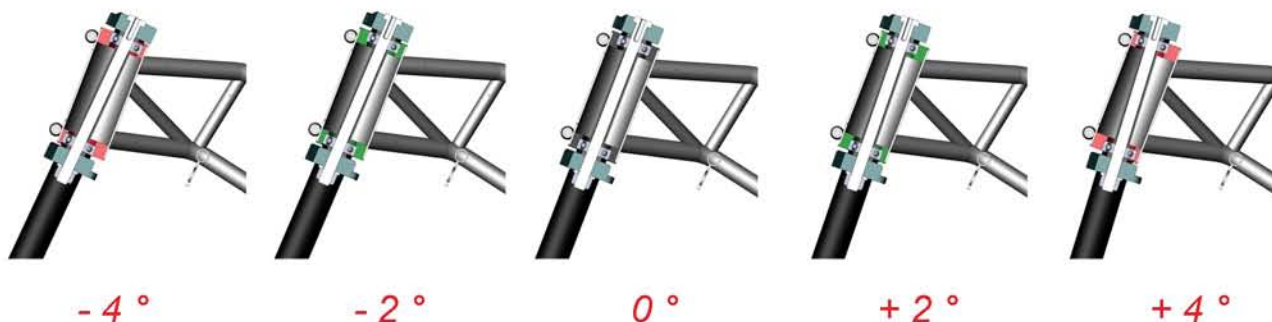
There is an ingenious system of geometry setting of the minibike Ultima. The basis spheres of setting are following – angle of steering head, foot step position and height of motorcycle (height of seat). You can change the minibike geometry in few minutes thanks to the Blata Set-Up System.



5 positions of steering head angle by means of exchangeable plates **ERC**

4 positions of rear fork support - height of seat

## SETTING OF STEERING HEAD ANGLE







*BRC is a set of the most exclusive racing components in which the composites and low weight play the main role. These components have been developed in cooperation with the factory BLATA OVB Allfinanz Racing Team.*

*The series actually includes: adjustable supports of rear fork (Set-Up system), steering plates for angles  $\pm 2^\circ$  and  $\pm 4^\circ$  (Set-Up system), carbon parts of exhaust silencer, carbon cover of exhaust pipe, carbon cowling, ultra light wheels, protectors of wheel axis, racing plugs of handlebars, rain protector (rear cover of motor and carburettor). The two-disk front break, cooler for hall races, floating disks and others are in the stage of development within the BRC components.*



*Carbon exhaust silencer*



*Protector of wheel axis*



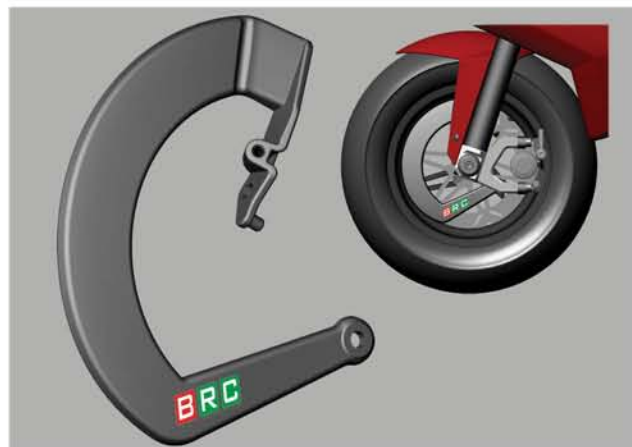
*Carbon cowling - front fender*



*Carbon cover of exhaust pipe*



*Adjustable rear fork supports*



*Covers of front brake disks*



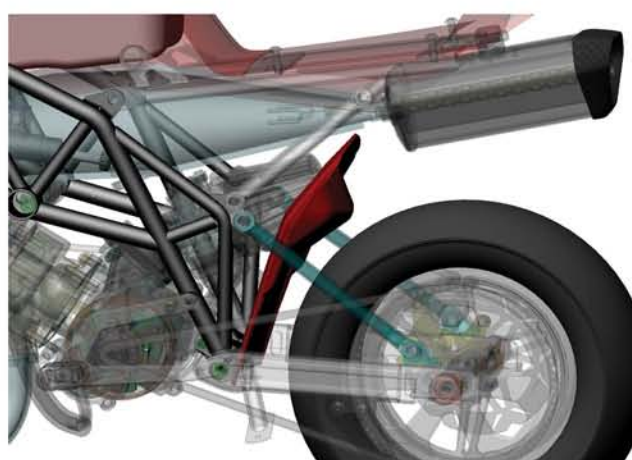
*Steering plates (  $0^\circ \pm 2^\circ \pm 4^\circ$  )*



*Floating front brake disk*



*Ultra light wheels*



*Rain protector*

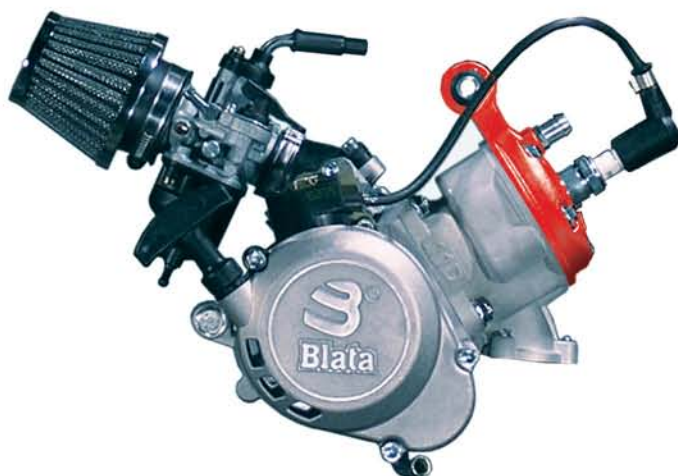


# ULTIMA

## Technical specification

### Motors

*Depending on your racing class you can choose from the offer of 5 Blata motors. With these motors that every year brings the victory to our riders you can be sure that the herd of horses under your feet is at your disposal at every meter of the race circuit. Blata brings a brand-new motor of volume 50 cm<sup>3</sup> for this season.*



	Volume [cm <sup>3</sup> ]	Power [kW]	Torque [Nm]	Carburettor [-]	Exhaust [-]
W50	49,7	12,5	10,7	Dell'Orto	Ultima W50
W40	39.8	10,7	8,6	Dell'Orto	Ultima W40
R40	39.8	7,5	7.2	Dell'Orto	Ultima R40
RM14	39.8	5,9	4,8	Dell'Orto	Ultima R40
RM9	39.8	3,3	3,5	Dell'Orto	Ultima R40

### Frame

*The rigid truss frame, precisely welded from high-strength chrome-molybdenum tubes, provides the rider with unknown control at the minibike handling even in the sharpest turns. Thanks to the use of chrome molybdenum the weight of frame has been lowered to the only 1650g.*



## Sizes

By means of front and rear forks on the basic frame the different lengths of minibike MINI as well as MIDI can be set. Both versions, compared to the previous models, have basically adapted the position of motor and thus lowered the gravity centre of the whole bike.

	Wheel base*	Length*	Height*	Width*	Weight**	Steering angle***
	[mm]	[mm]	[mm]	[mm]	[kg]	[°]
MINI	635	915	525	550	18.0	±4
MIDI	715	995	550	550	18.6	±4

\* Mentioned dimensions can vary depending on your setting of the Set-Up System.

\*\* Mentioned weight is valid for bikes without fillings, with glass fibre semi-cowling, motor W40, ultra light wheels, carbon components of chassis and composite cover of starting.

\*\*\* Steering angle is adjustable only with BRC plates of head set.

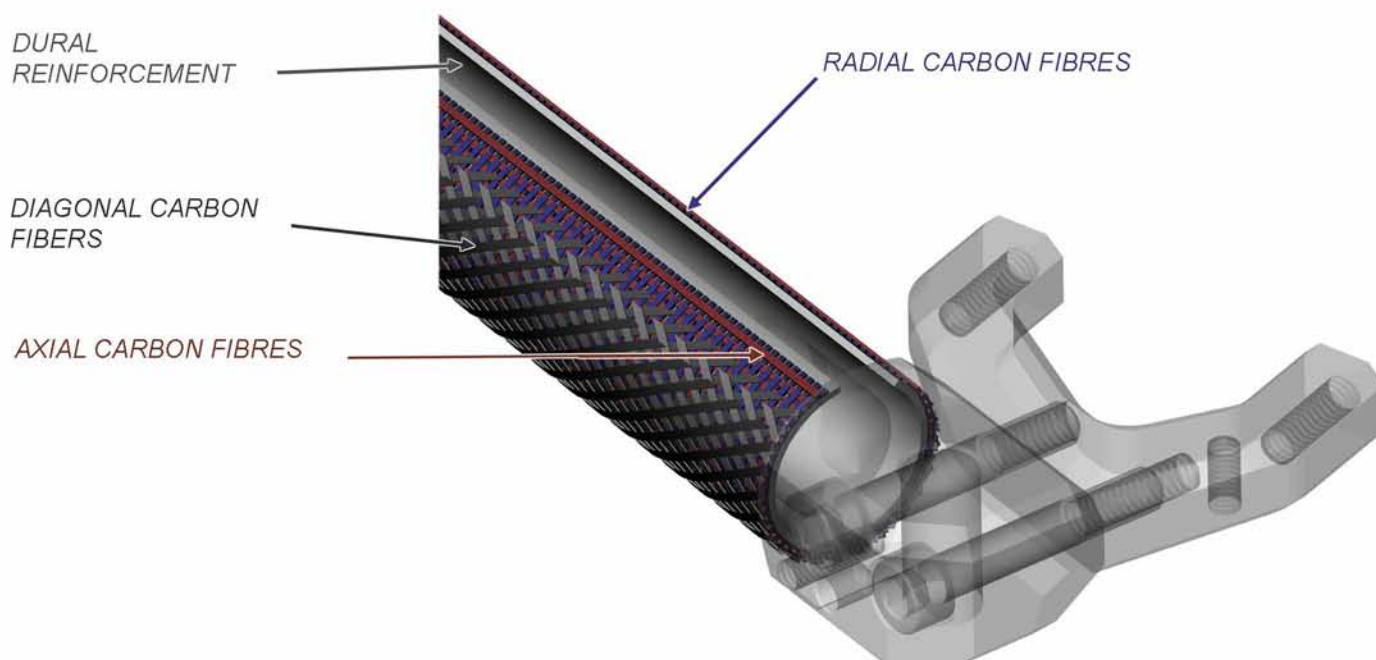
## Carbon, dural or steel?

As the first the company Blata brings the composite materials for minibikes, with all their advantages (low weight, high rigidity, perfect damper properties). In case you equip your minibike with carbon elements you will feel its light weight and comfort just in the first turn. At the same time we offer the options with classic material components.

	Carbon	Dural	Steel
Front fork mini*	376 g	-	973 g
Rear fork supports mini*	56 g	94 g	-
Under-seat frame supports*	49 g	80 g	-

\* 1 pair

## CARBON FIBER





## **Foot steps**

*The brand-new footsteps made of composite material, equipped with soft rubbered surface, offer 16 setting positions to the racers.*



## **Cowling**

*You can dress your new minibike with the elegant classic whole cowling that provides enough of space for logos of all your sponsors and favourite marks. Or you can choose the more aggressive novel semi-cowling at which you can appreciate the better cooling of clutch and motor on the racing trace. All parts of cowling are available also in the carbon version.*



## **Hydraulic brakes**

*All minibikes Ultima are equipped with hydraulic brakes Formula that feature the soft operation, exact metering, adjustable lever and simple maintenance. The front brake calliper is radial, rear and axial. Actually the model of radical front two-disk break is tested.*





## Wheels

The offer provides the classic wheels as well as the ultra light ones. Due to the special methods of treatment the weight of ultra light wheel disks has been considerably lowered. The wheels of minibikes Ultima are in both versions equipped with the quality tyres PMT T41.

	Front disk [g]	Rear disk [g]
Standard wheels Ultima	765	800
Ultra light wheels Ultima	550	564



## Steering dumper

The adjustable steering dumper that is great at its smooth operation will help you to keep the optimum track in any situation.



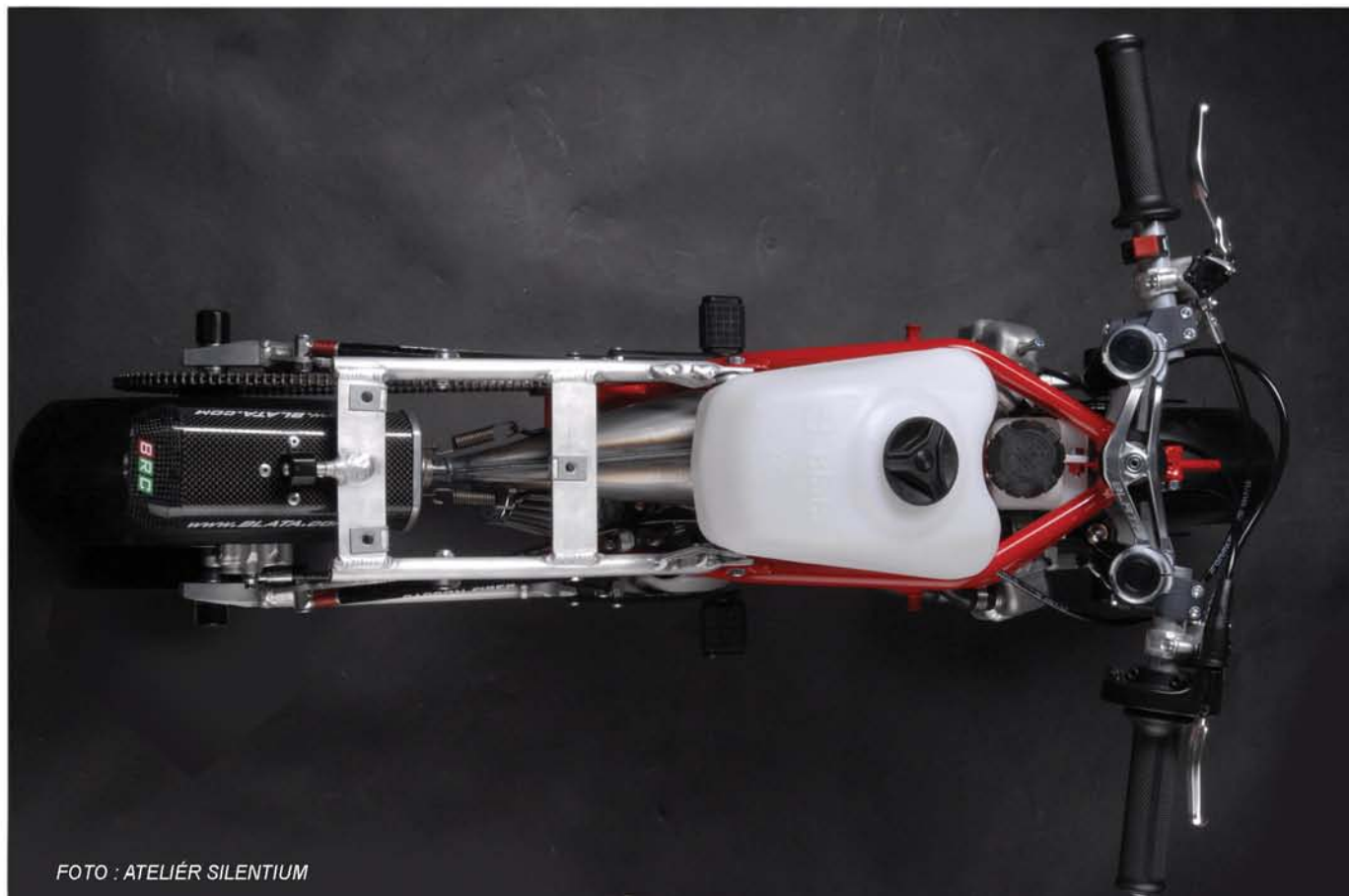


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