

# THE NEW STANDARD

**Vertigo**

**RS**

**RSR**

Honed from Vertigo's  
experience and successes  
in the most demanding  
competitions come the  
brand-new  
Vertigo Nitro RS and RSR.

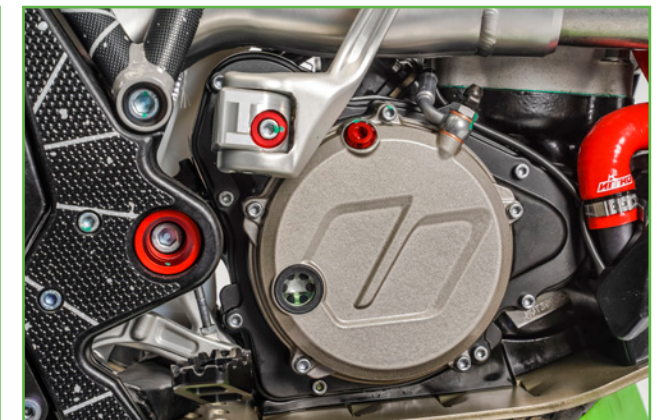
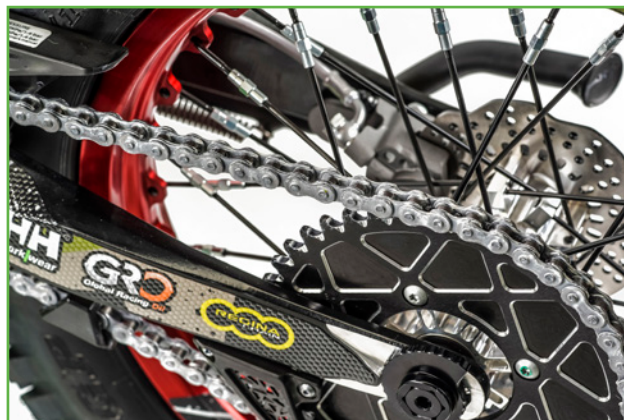


At Vertigo we have constantly striven to present models at the forefront of trial in terms of innovation and ongoing improvements.

These new state-of-the-art models have been designed in conjunction with the entire Vertigo technical team.

The Nitro RS and RSR have been developed in competition by our elite riders, whose feedback and racing experience have helped to fine-tune every last detail, leading to great successes in the 2022 season, including the Spanish championship, the runner-up spot in the TrialGP World Championship and third place in the X-Trial World Championship, among others, as a new victory at Scottish Six Days Trial and Scott Trial, our references in competition.

Thus, the new Nitro RS and RSR go the extra mile, taking our passion for producing cutting edge trial bikes and creating what will become the new brand point of reference.





## Vertigo Nitro RS: the new benchmark

The main improvements to the RS are non-motor related innovations, as the engine has undergone no major modifications given its proven reliability: the Nitro's electronic injection-fuelled engine has proven to be one of the most powerful in each of its various displacements. It features a removable clutch cover, one of the great mechanical innovations in trial over recent times.

And that is not all. The main feature of the new models is the rear suspension. The two-way Reiger shock absorber (three-way on the RSR) delivers superior performance thanks to its new Vertigo-designed linkage system, which was one of the key components in last season's successes. Having proven its effectiveness, it has been incorporated into the production series, equipping the new RS and RSR from their inception.







Lastly, the chassis also features machined aluminium brake callipers as well as foot-pegs, plus a 6mm sump guard. The rims are anodised in red and the hubs are also machined in silver.

The trim of these Vertigo Nitro RS and RSR is, quite simply, stunning. The snakeskin not only gives a racing look, but also protects the swingarm, fork and subframe from scratches and bumps.



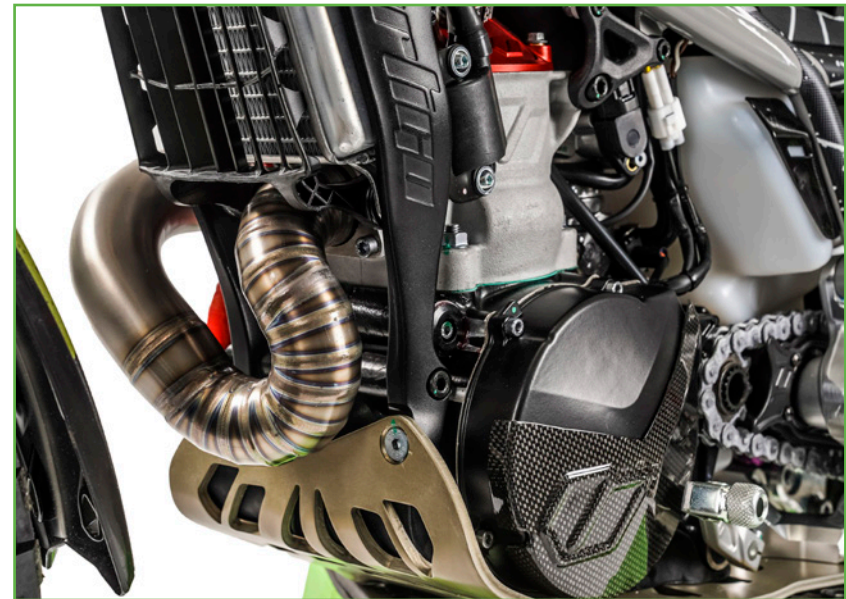
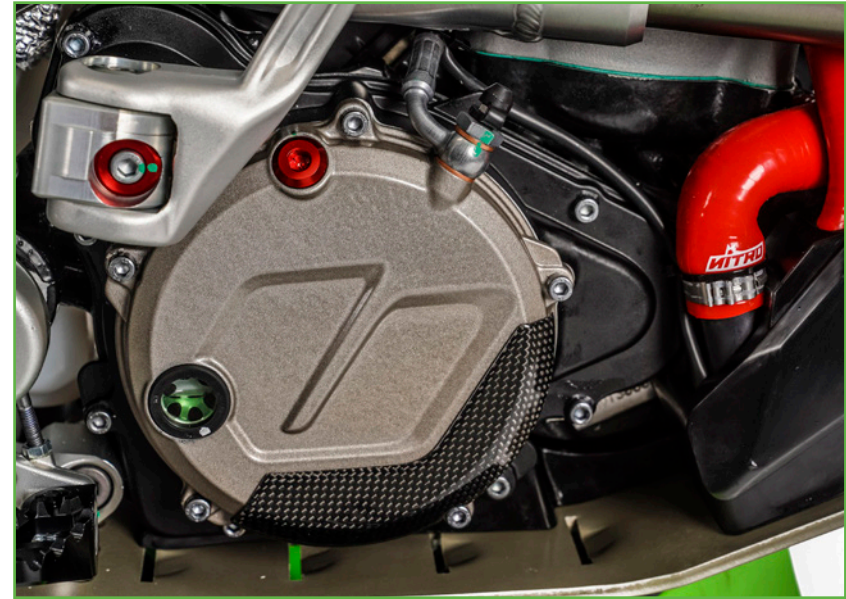


## RSR Exclusive

Fittingly, the new Nitro RS also comes in a more 'Racing' version - the Nitro RSR - with certain elements that improve upon the RS performance even further: new Tech Factory-made forks in exclusive Kashima Gold, a titanium exhaust manifold and carbon fibre engine guards as well as the new linkage system exclusive to the series.







**Vertigo Nitro RS and RSR, cutting edge technology, high quality trial bikes.**

The Nitro RS and RSR will soon be available in 125cc, 225cc, 247cc, 280cc and 300cc.



MODEL	VERTIGO NITRO RS 2023				
ENGINE	2 strokes Vertigo engine. Liquid refrigeration				
CAPACITY	125cc EFI	225cc EFI	247cc EFI	280cc EFI	300cc EFI
Ø x STROKE	54x54.5mm	72.5x54.5mm	72.5x60mm	76x60mm	79x60mm
CARTER	Aluminium				
GEARBOX	6 speed gearbox				
CLUTCH	Oil-filled multi-disc with adjustable spring preload				
TRANSMISSION	9z/48				10z/42
CHAIN	Regina 106				Regina 103
MANIFOLD	Vertigo Nitro INOX				
CRANKSHAFT	New balanced	New balanced	Vertigo design in cemented steel		
INJECTION	ST powered electronic injection				
CHASSIS	25CrMo4 steel + natural anodized 6082 aluminum subframe				
SWINGARM	New black reinforced aluminum swingarm				
FRONT SUSPENSION	Tech Factory fork, 170mm travel				
REAR SUSPENSION	New adaptive link. Reiger 2-way w/ fast compression, slow compression, rebound and spring preload adjustability, 170mm travel				
AIRBOX	Nitro filter box with 4 inputs				
FUEL TANK	High capacity, 2,3 litres				
HANDLEBAR	Renthal Fatbar black with new Renthal protector				
FRONT BRAKE	Braktec hydraulics with 185mm disc				
FRONT CALIPER	4 pistons				
FRONT WHEEL	Anodized Morad Red 1.60 x 21" with silver anodized machined hub, Vertigo design				
REAR BRAKE	Hydraulic system with 150mm disc, FIM approved				
REAR CALIPER	2 pistons				
REAR WHEEL	Morad Red anodized 2.15x18" with silver anodized machined hub, Vertigo design				
TIRES	Dunlop D803GP				
TOTAL LENGTH	2010mm				
DISTANCE BETWEEN AXIS	1310mm				
ALTURA SILLÍN	680mm				
WEIGHT	68kg				



MODEL	VERTIGO NITRO RSR 2023				
ENGINE	2 strokes Vertigo engine. Liquid refrigeration				
CAPACITY	125cc EFI	225cc EFI	247cc EFI	280cc EFI	300cc EFI
Ø x STROKE	54x54.5mm	72.5x54.5mm	72.5x60mm	76x60mm	79x60mm
CARTER	Aluminium				
GEARBOX	6 speed gearbox				
CLUTCH	Oil-filled multi-disc with adjustable spring preload				
TRANSMISSION	9z/48	10z/42			
CHAIN	Regina 106	Regina 103			
MANIFOLD	Vertigo Nitro INOX	Vertigo TITANIUM			
CRANKSHAFT	New balanced	New balanced	Vertigo design in cemented steel		
INJECTION	ST powered electronic injection				
CHASSIS	25CrMo4 steel + natural anodized 6082 aluminum subframe				
SWINGARM	New black reinforced aluminum swingarm				
FRONT SUSPENSION	Tech Factory Kashima Coat fork, 170mm travel				
REAR SUSPENSION	New adaptive link. Reiger 3-way w/ fast compression, slow compression, rebound and spring preload adjustability, 170mm travel				
AIRBOX	Nitro filter box with 4 inputs				
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