

## TECHNICAL DETAILS

ENGINE	2 stroke Vertigo engine				
DISPLACEMENT	125cc EFI	225cc EFI	247cc EFI	280cc EFI	300cc EFI
Ø x STROKE	54x54.5mm	72.5x54.5mm	72.5x60mm	76x60mm	79x60mm
CRANK CASE	Aluminium				
GEAR BOX	6-speed gearbox, 4 of which are developed exclusively for trial				
CLUTCH	Oil-filled multidisc with adjustable spring preload for smoother and more efficient shifting				
TRANSMISSION	9z/48				10z/42
CHAIN	Regina 106				Regina 103
EXHAUST SILENCER	Right side silencer. Easily replaceable fibers.				
EXHAUST MANIFOLD	Vertigo Nitro Stainless steel				
CRANK SHAFT	New balancing	New balancing	Vertigo design in case-hardened steel		
RADIATOR	Special Vertigo design adapted to the chassis shape				
INJECTION	ST powered electronic injection				
ENGINE SENSOR	Integrated injection and spark drivers CAN 2.0 B protocol Pressure sensor combining atmospheric, intake and air temperature Inductive crankshaft sensor TPS (Throttle position sensor)				
INTAKE BODY	Progressive (black) intake body 125				
WATER PUMP	Controlled by control unit				
CHASSIS	25CrMo4 steel + natural anodized 6082 aluminium subframe				
REAR SUBFRAME	New lightweight aluminum rear subframe				
SWING ARM	New black reinforced aluminum swing arm				
FORK	Tech Factory 170mm of travel				
SHOCK ABSORBER	New adaptive linkage (World Championship runner-up 2022) New swing arm in combination with 2-way Reiger adjustable in compression, rebound and spring preload 170mm of travel				
FILTER CASE	Nitro filter box with 4 inlets for improved high revolutions				
FUEL TANK	High capacity, at low height and centered 2.3L tank				
HANDLEBAR	Renthal Fatbar Black with Renthal protector				
FRONT	BRAKE	Braktec hydraulic system with 185mm disc			
	BRAKE CLAMP	4 pistons			
	WHEEL	Morad Red anodized 1.60 x 21" rims with silver anodized hub Vertigo design			
REAR	BRAKE	Hydraulic system with 150mm disc FIM homologated			
	BRAKE CLAMP	2 pistons			
	WHEEL	Morad Red anodized 2.15x18" rims with silver anodized bushing DLR Vertigo design			
TIRES	Dunlop D803GP				
OVERALL LENGTH	2010mm				
WHEELBASE	1310mm				
SEAT HEIGHT	680mm				
SPECIFIC COMPONENTS	Flywheel weight (Not 125cc and 225cc) Red silicone cooling hose Vertigo Lever Adjustment Kit Red Red anodized machined brake and clutch pump covers Machined and anodized brake toe cap in Black High quality blister, special design Nitro RS DLR 2024 Crank case protector 6mm 7075 T6				
DRY WEIGHT	68kg				