

NITRO WORKS 2023

Bike specifications

ENGINE	2 STROKE ENGINE				
ENGINE SIZE	125cc EFI	225cc EFI	247cc EFI	280cc EFI	300cc EFI
Ø X STROKE	54x54.5mm	64x54.5mm	72.5x60mm	76x60mm	79x60mm
CRANKCASE	Aluminum				
GEARBOX	6 speed gearbox, 4 gears designed for trials				
CLUTCH	New configuration multi-disc oil wet adjustable preload				
CLUTCH	9z/48	9z/42	10z/42	10z/42	10z/42
EXHAUST MUFFLER	All new silencer: Improved suspension travel, reduced engine braking, reduced heat transfer to components, interchangeable fibers				
MANIFOLD	125/200cc Racing geometry throttle body Racing geometry throttle body	special design Stainless steel			
RADIATOR	Vertigo design adapted to frame				
FUEL INJECTION	Electronic fuel injection Integrated injection driver Protocolo CAN 2.0 B				
ENGINE SENSORS	Atmospheric pressure & Air temperature sensor TPS (Throttle position sensor)				
WATER PUMP	All new ECU controlled electronic water pump				
FRAME	New multitubular chassis 25CrMo4 steel with new micro-fusion shock mount + aluminium 6082 subframe				
SWINGARM	Black Aluminium cast				
FRONT SUSPENSION	Tech Factory 170mm stroke Monoshock / swingarm, Vertigo design				
REAR SUSPENSION	Swingarm combined with REIGER 2 way monoshock with compression, rebound and spring preload adjustment 170mm stroke				
AIRBOX	Design providing better performance especially in lower RPM				
FUEL TANK	New high capacity 2.3l and repositioned fuel tank, low and centered CG				
HANDLEBAR	Renthal Fatbar				
FRONT BRAKE	Hydraulic Braktec system with 185mm disc				
FRONT CALIPER	4 pistons				
FRONT RIM	Morad Black 1.60 x 21" with Vertigo design with aluminium forged hubs				
REAR BKAKE	New Hydraulic system with 150mm FIM disc with improved accessibility to the clutch				
REAR CALIPER	2 pistons				
REAR RIM	Morad lightweight Black anodized 2.15x18" with aluminium forged hubs				
TYRES	Dunlop D803GP				
TOTAL LENGTH	2010mm				
DISTANCE BETWEEN AXIS	1310mm				
SEAT HEIGHT	680mm				
WEIGHT	66.6kg				