



MAS-125

MOTO GUZZI RACE PROTOTYPE

WATER COOLED





TECH SPEC

CHASSIS

FRAME	Rectangular section single-beam ALS 450
WHEELBASE	1450mm
RAKE	24° / 24,5° / 25°
FRONT SUSPENSION	Öhlins 43mm fully adjustable upside-down fork with TiN
FRONT WHEEL TRAVEL	120mm / 4.7in
FRONT BRAKE	2 x 320mm semi-floating discs, Brembo Monobloc calipers 4-piston, 2-pad.
FRONT WHEEL	5-spoke in forged light alloy 3.50 x 17
FRONT TYRE	120/70 ZR17
REAR SUSPENSION	Progressive linkage UNIT PRO LINK Öhlins monoshock wit top-out spring. Steel double-sided swingarm
REAR WHEEL TRAVEL	120mm / 5in
REAR BRAKE	220mm disc, 2-piston caliper
REAR WHEEL	5-spoke OZ forged light alloy 5.50 x 17
REAR TYRE	180/55 ZR17
FUEL TANK CAPACITY	15.5L (no reserve) / 4.1 US gal (of which 1 US gal reserve)
WEIGHT *	190 Kg-Dry weight
SEAT HEIGHT	820mm / 32.2in
INSTRUMENTS	Digitec derived unit displaying: Speedometer, rev counter, average speed, oil pressure, water temperature, warning light for low oil pressure & oil temperature, warning light for hight water & oil temperature
BODY COLOURS (FRAME/WHEELS)	Racing ORANGE&Matt BLACK

* = The weight excludes battery, lubricants and, where applicable, cooling liquid.



ENGINE	
TYPE	V-Twin 90° cylinder, 4 valve per cylinder, liquid cooled
DISPLACEMENT	1105cc
BORE X STROKE	95x78mm
COMPRESSION RATIO	12.8:1
POWER*	151hp @ 9260rpm
TORQUE*	13,2mkg @ 6690rpm
FUEL INJECTION	Marelli electronic fuel injection, diam.50 mm throttle bodies.
EXHAUST	Lightweight 2-1-2 system and 2 lambda probes. Twin stainless steel or carbon fibers mufflers
EMISSIONS	Euro 0
TRANSMISSION	
GEARBOX	6 speed
RATIOS	1° = 1:10,82 2° = 1:8,01 3° = 1:6,14 4° = 1:5,01 5° = 1:4,35 6° = 1:3,84
PRIMARY DRIVE	Straight-tooth gear, ratio 1:1.55
FINAL DRIVE	Double universal joint, ratio 1:2.909
CLUTCH	Sintering double disc, hydraulic drive
* = Data calculated using an inertia dynamometer	