



## MOTO GUZZI MGS-01 CORSA

### ENGINE

Type	90° V-Twin, 4 stroke
Displacement	1,225 cc
Bore and stroke	100 x 80 mm
Compression ratio	11.6 : 1
Timing system	Overhead camshaft – 4 valves per cylinder with positive drive belt
Valves	Ø 36 mm intake Ø 31 mm exhaust
Valve timing	intake open 36° P.P.M.S intake close 70° D.P.M.I exhaust open 64° P.P.M.I exhaust closed 28° D.P.M.S
Maximum power	128HP at 8,000 RPM
Maximum torque	11.5Kgm at 6,200 RPM

### TRANSMISSION

Gears	6 speed
Internal ratios	1st = 1 : 10.82 2nd = 1 : 8.01 3rd = 1 : 6.14 4th = 1 : 5.01 5th = 1 : 4.35 6 th = 1: 3.84
Primary drive	Straight – tooth gear, ratio 1:1.55
Secondary drive	Double universal join, ratio 1:2.909
Clutch	Sinterized double disc dry, hydraulic drive

### ELECTRICS

Battery	12 V – 11 Amp/h
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### FRAME

Frame	Rectangular section single-beam ALS 450
Wheelbase	1,450mm
Trail	97mm
Steering rake	24°
Front suspension	Ohlins upside-down fork, Ø 43mm, 3 adjustment positions
Front wheel travel	120mm
Rear suspension	Aluminum progressive swingarm with Ohlins monoshock absorber, 4 adjustment positions
Rear wheel travel	125mm

Front brake	Double floating disc, Ø320mm, 4 pads radial calipers
Rear brake	Single disc, Ø 220mm, double piston caliper

#### WHEELS

Wheels	Forged aluminum 5 spokes
Front wheel	3.50" x 17"
Rear wheel	5.50" x 17"
Front tyre	120/60 - 17" Michelin Slick S1246A
Rear tyre	180/55 - 17" Michelin Slick S1835A

#### DIMENSIONS

Length	2,070 mm
Width (handlebars)	730 mm
Height (windshield)	1,165 mm
Seat height	820 mm
Footrest height	420mm
Dry weight	192Kg
Fuel tank capacity	18.5 litres