



MOTO GUZZI 1200 SPORT

ENGINE

Type	90° V-Twin, 4 stroke
Cooling system	air cooling
Displacement	1,151 cc
Bore and stroke	95 x 81.2 mm
Compression ratio	9.8 : 1
Timing system	intake open 24° B.T.D.C. intake close 52° A.B.D.C. exhaust open 54° B.B.D.C. exhaust close 22° A.T.D.C. with valve clearance 1.5 mm
Maximum power	over 70 kW (95 HP) at 7,800 rpm
Maximum torque	over 100 Nm at 6,000 rpm
Fuel injection system / Ignition	Magneti Marelli IAW5A, a-n type; 2 Ø 45 mm throttle bodies, Weber IWP 162 injectors, Lambda control, twin spark ignition
Spark plug	internal NGK PMR8B (Long Life) external NGK BPR6ES
Starting	Electric
Exhaust system	stainless steel, 2 into 1 type with catalytic converter, height-adjustable muffler
Homologation	Euro 3

TRANSMISSION

Gears	6 speed
Internal ratios	1st 17/38 = 1 : 2.235 2nd 20/34 = 1 : 1.700 3rd 23/31 = 1 : 1.347 4th 26/29 = 1 : 1.115 5th 31/30 = 1 : 0.967 6th 29/25 = 1 : 0.862
Lubrication	Splash
Primary drive	helical teeth, ratio 24/35 = 1 : 1.458
Secondary drive	Compact Reactive Shaft Drive CA.R.C.; double universal joint with floating bevel gear, ratio 12/44 = 1 : 3.666
Clutch	Double disk, dry

ELECTRICS

Voltage	12 V
Battery	12 V – 18 Ah
Alternator	12 V – 550 W

FRAME

Frame	tubular cradle, high tensile steel
Wheelbase	1,485 mm
Trail	120 mm
Rake	25°
Steering angle	32°
Front suspension	telescopic hydraulic fork with Ø 45 mm and TiN surface treatment, preload adjustable.
Front wheel travel	120 mm
Rear suspension	single arm suspension with progressive linkage, rear shock absorber adjustable in rebound and pre-load (hydraulic)
Rear wheel travel	140 mm
Front brake	twin stainless steel floating disc, wave type, Ø 320 mm, 4 opposed piston
Rear brake	single steel fixed disc, Ø 282 mm, floating caliper with 2 parallel pistons

WHEELS

Wheels	three spokes, light alloy wheels, gravity die-casting
Front wheel	3.50" x 17"
Rear wheel	5.50" x 17"
Front tyre	120/70 ZR17"
Rear tyre	180/55 ZR17"

DIMENSIONS

Length	2,195 mm
Width (handlebars)	840 mm
Height (windshield)	1,160 mm
Seat height	800 mm
Minimum round clearance	185 mm
Dry weight	229 kg
Fuel tank capacity	23 litre
Reserve	4 litre