

Constructor	
Make	MOTO MORINI
Model	Corsaro 1200
Address	Moto Morini SpA - Via Porrettana, 377 40033 Casalecchio di Reno (Bo) Italy
Telephone	+ 39 051 19984162
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Web site	www.motomorini.com
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Engine	
Engine	Moto Morini - Bialbero CorsaCorta (DOHC - Short Stroke)
Cylinders	2
Layout	87° V longitudinal
Strokes	4
Cooling	Liquid
Timing system	Gear/chain combination
Valves per cylinder	4
Bore x stroke	107 x 66 mm
Displacement	1187 cm ³
Compression ratio	11.8 ± 0.3
Power	103 Kw - 140 HP @ 8500 rpm
Torque	123 Nm - 12.5 Kgm @ 6500 rpm
Fuel injection	Magneti Marelli indirect electronic injection with 54 mm Ø throttle body
Ignition	I.A.W. electronic
Starting	Electric
Lubrication	Forced with trochoidal pump
Gearbox	With constant mesh spur gears
Gear ratio	6
In first	13/36
In second	17/32
In third	20/30
In fourth	22/28
In fifth	23/26
In sixth	24/25
Clutch	Wet, multi-plate, anti-hopping system
Primary Drive	Spur gears 55:31
Final Drive	Chain
Exhaust	With double silencer, 3-way catalytic converter and oxygen sensor
Polluting emissions	Euro 3

Chassis	
Frame	ALS450 steel tubular trellis with varying diameters
Wheelbase	1440 mm
Headstock rake	24.5°
Rake	103 mm
Front suspension	Marzocchi upside-down fork with 50 mm Ø legs, adjustable in rebound, compression and spring preloading
Front wheel travel	120 mm
Swingarm	Casted Aluminium alloy
Rear suspension	Progressive linkage with Sachs monoshock adjustable in rebound, compression and spring loading.
Rear wheel travel	130 mm
Front brake	Brembo - 320 mm double disc with 4-piston callipers
Rear brake	Brembo (master cylinder and callipers) – 220 mm mono disc with 2-piston calliper
Front tyre	Pirelli Diablo – 120/70 ZR 17 (58W)
Rear tyre	Pirelli Diablo – 180/55 ZR 17 (73W)
Rims	Brembo in light alloy, 6 spokes
Front rim size	3.50 m x 17"
Rear rim size	5.50 m x 17"
Size and weight	
Total length	2070 mm
Max. width	810 mm (without mirrors)
Seat height	830 mm
Min. height from ground	130 mm
Steering angle	30° rh/lh
Driving ready weight (battery, lubricants, coolant included. No fuel)	198 Kg
Capacities	
Tank capacity	18 L
Reserve capacity	3 L
Instrumentation	
Instrument panel	Electronic/analogic rev counter multifunction LCD display
Versions	
Colours	Black/met. grey – Red/met. grey – Yellow met/black
Warranty	
	2 years
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