

Constructor	
Make	MOTO MORINI
Model	Corsaro 1200 Avio
Address	Moto Morini SpA - Via Porrettana, 377 40033 Casalecchio di Reno (Bo) Italy
Telephone	+ 39 051 19984162
Fax	+ 39 051 19984166
Website	www.motomorini.com
E-mail	info@motomorini.com
Engine characteristics	
Engine	Moto Morini – Bialbero CorsaCorta
Cylinders	2
Layout	87° V longitudinal
Strokes	4
Cooling	Liquid cooled
Timing system	Double overhead camshaft
Valves per cylinder	4
Bore x stroke	107 x 66 mm / 4,21 x 2,59 inch
Displacement	1187 cc
Compression ratio	12.5:1
Power	88 Kw – 120 HP @ 8500 rpm
Torque	102 Nm – 10.4 Kgm @ 6700 rpm
Fuel system	Magneti Marelli indirect electronic injection with 54 mm / 2,12 inch 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, multiplate type
Primary drive	Spur gears 55:31
Final drive	Chain 17/40
Exhaust	Silencer, 3-way catalytic converter with oxygen sensor
Emissions control	Euro 3

Chassis	
Frame	Verlicchi high-strength steel tube trellis frame
Wheelbase	1440 mm / 56,70 inch
Headstock rake	24.5°
Rake	103 mm / 4,05 inch
Front suspension	Marzocchi upside-down fork with 50 mm / 1,96 inch Ø legs, adjustable in rebound, compression and spring preloading
Front wheel travel	129 mm / 5,08 inch
Swing arm	Casted Aluminium alloy
Rear suspension	Progressive linkage with Sachs monoshock adjustable in rebound, compression and spring loading
Rear wheel travel	130 mm / 5,12 inch
Front brake	Brembo 320 mm / 12,59 inch double disc with 4-piston callipers
Rear brake	Brembo (master cylinder and callipers) 220 mm / 8,66 inch single disc with 2-piston calliper
Front tire	Pirelli Diablo – 120/70 ZR 17 (58W)
Rear tire	Pirelli Diablo – 180/55 ZR 17 (73W)
Rims	Brembo in light alloy, 6 spokes
Front rim size	MT 3.50 x 17"
Rear rim size	MT 5.50 x 17"
Size and weights	
Total length	2070 mm / 81,50 inch
Max. width	810 mm / 31,89 inch (excluding rear-view mirrors)
Seat height	830 mm / 32,68 inch
Min. height from ground	140 mm / 5,51 inch
Steering angle	30° rh/lh
* Dry weight	198 Kg / 440 lbs
* Moto Morini indicates the weight of the motorcycle complete with battery, cooling liquid, engine oil and without fuel	
Capacity	
Tank capacity	18 litres / 3,96 UK gal
Reserve capacity	3 litres / 0,66 UK gal
Instrumentation	
Instrument panel	Electronic/analogical rev counter and speedometer with multifunctional LCD display
Versions	
Colours	Silver with blue frame
Warranty	
	3 years
Moto Morini SpA reserves the right to make modifications to technical characteristics, equipment and outfits without prior notice.	