

Constructor	
Make	MOTO MORINI
Model	9 ½
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	86 kW – 117 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	ALS450 steel tubular trellis with varying diameters
Wheelbase	1470 mm / 57,87 inch
Headstock rake	24.5°
Rake	100 mm / 3,93 inch
Front suspension	Marzocchi upside-down fork with 50 mm / 1,96 inch Ø legs
Front wheel travel	150 mm / 5,90 inch
Swing arm	ALS450 oval steel tube
Rear suspension	Single lateral shock absorber with fully adjustable piggy back tank
Rear wheel travel	150 mm / 5,90 inch
Front brake	Brembo 320 mm / 12,59 inch double disc with 4-piston callipers
Rear brake	Brembo 220 mm / 8,66 inch single disc with 2-piston calliper
Front tire	120/70 R17 TL 58V
Rear tire	180/55 R17 TL 73V
Rims	Spoke rims with stainless steel channel
Front rim size	MT 3.50 x 17"
Rear rim size	MT 5.50 x 17"
Size and weights	
Total length	2170 mm / 85,43 inch
Max. width	865 mm / 34,05 inch (excluding rear-view mirrors)
Seat height	800 mm / 31,49 inch
Min. height from ground	166 mm / 6,53 inch
Steering angle	34° 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	20,8 litres / 4,58 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	Red/aluminium frame – Black/aluminium frame
Warranty	
	2 years
Moto Morini SpA reserves the right to make modifications to technical characteristics, equipment and outfits without prior notice.	