

# BMW R1200RT Specifications

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**Start of Production** 2005

**End of Production** N/A

**Numbers Produced** N/A

**Price (UK)** £10,710



## Engine

Motor Type	Air/oil cooled 2 cylinder, 4 stroke Boxer engine, one camshaft and four valves per cylinder, central compensation shaft
Bore x Stroke	101 x 73 mm
Displacement	1170 cc
Max Output	81 Kw / 110 bhp at 7,500 rpm
Max Torque	115 Nm / 85 ft/ lbs at 6,000 rpm
Compression Ratio	12.0 / 1
Valves Per Cylinder	Four
Mixture Control / Engine Management	Electronic intake pipe injection/digital engine management: BMW Engine Management, BMS-K with overrun fuel cut off, dual ignition
Emission Control	Closed-loop 3 way catalytic converter

## Power Transmission

Clutch	Single plate dry clutch, Hydraulically operated
Gearbox	Constant mesh 6 speed gearbox with helical gearing
Final Drive	Drive Shaft

## Electrical System

Alternator	720W / 60 A three phase alternator
Battery	12V / 12 Ah

## Running Gear

Type of Frame	Three-section frame consisting of front and rear section, load bearing engine-gearbox
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Front wheel location / suspension	unit BMW Motorrad Telelever; stanchion diameter 35 mm, central spring strut, rebound damping electronically adjustable with optional ESA Die-cast aluminium single-sided swinging arm with BMW Motorrad EVO Paralever; spring pre-load hydraulically adjustable to continuously variable levels by means of handwheel (electronically adjustable with optional ESA)rebound damping adjustable (electronically adjustable with optional ESA)
Rear wheel location / suspension	
Suspension Travel	120 mm Front / 135 mm Rear
Castor	110 mm
Wheelbase in normal position	1480 mm
Steering Head Angle in normal position	63.4 degrees
Wheels	Die-cast aluminium wheels
Rim Front	3.50 x 17
Rim Rear	5.50 x 17
Tyres, Front	120 / 70 ZR 17
Tyres, Rear	180 / 55 ZR 17
Brakes, Front	EVO brake system with dual disc, floating brake discs, 320 mm diameter, four-piston fixed caliper
Brakes, Rear	Single disc brake, diameter 265 mm, double-piston floating caliper
ABS	BMW Motorrad Integral ABS (part integral) as standard
<b>Dimensions/Weights</b>	
Length, Overall	2230 mm
Width, Overall with Mirrors	905 mm
Height (not inc. mirrors)	1,430 mm
Seat Height unladen	820 / 840 mm (special equipment low seat bench 780 / 800 mm)
Unladen weight, road ready, fully fuelled	259 Kg
Dry weight	229 Kg
Max. Permissible Weight	495 Kg
Payload (with standard equipment)	236 Kg
Useable Tank Volume	27 litres
Reserve	Approx. 4.0 litres
<b>Performance Data</b>	
Maximum Speed	Over 200Kph
Fuel Consumption over 100 Km at constant	3.6 litres

90 Kph

Fuel Consumption over 100 Km at constant 4.8 litres

120 Kph

Fuel Type

Unleaded Premium, octane number 98 (RON), can also be operated with minimum octane number 95 (RON) due automatic knock control