



R 1200 RT

Climb aboard – there's a whole world out there waiting to be discovered. With a power output of 81 kW/110 bhp, and 115 Nm of torque, the BMW R 1200 RT is a motorcycle built for beautiful touring moments. The chassis incorporates the BMW Motorrad Telelever and Paralever for ease of handling, while the EVO brake with the partially integral version of BMW Motorrad Integral ABS ensures maximum safety. The combination of aerodynamically optimized fairing and an electrically adjustable windshield offers excellent protection against the elements, and the class-leading ergonomics mean rider and pillion passenger can enjoy the freedom of the open road in complete comfort.



Paintwork: Biarritz blue metallic¹



Paintwork: sand beige metallic¹



Paintwork: titanium silver metallic¹

Engine

Type	Air/oil-cooled flat twin („Boxer“) 4-stroke, one camshaft and four valves per cylinder, central balancer shaft
Bore / stroke	101 mm x 73 mm
Capacity	1,170 cc
Rated output	81 kW (110 hp) at 7,500 rpm
Max. torque	115 Nm at 6,000 rpm
Compression ratio	12.0 : 1
Fuel / engine management	Electronic intake pipe injection/ BMS-K digital engine management with overrun fuel cut-off, twin-spark ignition
Emission control	Closed-loop 3-way catalytic converter, emission standard EU-3

Performance / fuel consumption

Maximum speed	Over 200 km/h
Fuel consumption per 100 km at constant 90 km/h	3.6 l
at constant 120 km/h	4.8 l
Fuel type	Unleaded premium, octane number 98 (RON), automatic knock control permits operation with minimum octane number 95 (RON).

Electrical system

Alternator	three-phase alternator 720 W
Battery	12 V / 19 Ah, maintenance-free

Power transmission

Clutch	Single dry plate clutch, hydraulically operated
Gearbox	Constant mesh 6-speed gearbox with helical gear teeth
Drive	Shaft drive

Chassis / brakes

Frame	Two-section frame consisting of front and rear sections, load bearing engine-gearbox unit
Front suspension	BMW Motorrad Telelever; stanchion diameter 35 mm, central spring strut

Rear suspension	Cast aluminium single-sided swing arm with BMW Motorrad Paralever; WAD strut (travel-related damping), hydraulic, handwheel-adjustable (electronic with ESA ¹), infinitely variable spring pretensioner, adjustable rebound dampening (electronic with ESA ¹)
ESA ¹ (Electronic Suspension Adjustment)	Shock absorber adjustment (rebound) dependent on the pre-selected basic spring setting (load condition), push-button adjustment
Travel front / rear	120 mm / 135 mm
Wheelbase ³	1,485 mm
Castor ³	116 mm
Steering head angle ³	63.8°
Wheels	Cast aluminium
Rim, front	3.50 x 17"
Rim, rear	5.50 x 17"
Tyre, front	120/70 ZR 17
Tyre, rear	180/55 ZR 17
Brake, front	Twin disc, floating brake discs, ø 320 mm, four-piston fixed calipers
Brake, rear	Single disc brake, ø 265 mm, double-piston floating caliper
ABS	BMW Motorrad Integral ABS (part-integral)

Dimensions / weights

Seat height	820 / 840 mm (low seat: 780 / 800 mm)
Inner leg curve	1,880 / 1,920 mm (low seat: 1,800 / 1,840 mm)
Unladen weight, road ready ⁴	259 kg
Dry weight ⁵	229 kg
Permitted total weight	495 kg
Payload (with standard equipment)	236 kg
Usable tank volume	27 l
Reserve	approx. 4 l
Length	2,230 mm
Height (excl. mirrors)	1,430 mm
Width (incl. mirrors)	905 mm (incl. panniers: 980 mm)

1) There is a choice of two engine spoiler colours (slate metallic and white aluminium metallic) and two seat colours (grey and black) on all models, irrespective of paint colour.

2) Optional extra

3) Unladen as per DIN standard

4) In compliance with Directive 93/93/EEC with all fluids, fuelled with at least 90 % of usable tank volume

5) Unladen weight without operating fluids