



**BMW  
MOTORRAD**

**BMW R 1300 RT-P**  
INNOVATION  
ON EVERY MISSION.

**MAKE LIFE A RIDE**

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## A WORLDWIDE PRESENCE.

### INNOVATION BORNE FROM TRADITION.

#### A CONCEPT – PROVEN THE WORLD OVER. A GENUINE ALL-ROUNDER.

BMW Motorrad has been a proven partner to public authorities, the police, rescue forces and escort services all over the world for more than 100 years. For generations, professional users whose motorcycle is their workstation have placed their trust in the outstanding, comprehensive quality standards of BMW motorcycles. After all: they know they can rely on the consistent synthesis of ergonomic comfort, well-developed safety and excellent performance – in every situation and for every type of operation.

This is demonstrated impressively by the fact that BMW has supplied more than 170,000 authority's vehicles to all corners of the globe ever since 1970. The numerous BMW 1300 RT-P models have no small part to play in this success story: The current version offers an even wider range of equipment components and lower fuel consumption, making even more of a mark when it comes to supremacy, agility, power and dynamic performance.

The BMW R 1300 RT-P is an all-rounder that performs excellently on every type of terrain. Whether police operations on the motorway or city escorts: the intelligent concept is characterized by ergonomic long-distance comfort as well as enormous power potential and flexible handling. Powered by a high-performance BMW ShiftCam boxer engine, this concept defines a perfect synthesis of power and efficiency.

#### SOLUTIONS WITH VISION.

Every BMW Motorrad authority model is a genuine one-off, produced and designed in tailor-made fashion with precision workmanship. BMW Motorrad is the only manufacturer in the world to assemble its models entirely on a separate production line with the combination of optional features chosen individually by the customer. The BMW Motorrad development department dedicated specifically to special vehicles is located in Munich.

#### MOBILITY WITHOUT COMPROMISE.

The BMW R 1300 RT-P is an impressive all-rounder that performs excellently on every type of terrain. Its maneuverability and ergonomic long-distance comfort make this first-class touring bike an outstanding workstation. The BMW R 1300 RT-P is an operations vehicle that has stood for comfort and a high level of safety for more than three decades: this is ensured by the diverse range of equipment options, which can be flexibly adapted to special requirements.

# INTELLIGENT WORKSTATION PROGRAM.

FLEXIBILITY TO COVER ALL  
EVENTUALITIES.

**A perfectly harmonized range of equipment components are available for the BMW R 1300 RT-P – developed specifically to ensure comfort, functionality and safety for the rider.**

## COCKPIT



**Everything in view:** The large, uncluttered 10.25" TFT screen with Full HD resolution combines instrument cluster and on-board computer. The clearly structured and ergonomically arranged instruments in the cockpit allow the rider to relax and concentrate on the traffic.

## CONTROLS



**Everything under control:** Newly developed additional switch units allow individual programming of special functions. The logically arranged and illuminated controls ensure simple handling. The LED status display for the handlebar switch (on/off) offers excellent operating properties and ensures the rider always has a clear overview.

## ROTATING BEACONS



**Impressive signaling effect:** The LED flashlight and rotating beacons with telescopic rod can be controlled separately at the front and rear and can be ordered in blue, red or yellow. White LED lights with switches are integrated in the lower edge of the rotating beacon to protect danger spots in the dark.

## STOP-SIGNAL UNIT



The stop-signal unit enables stop signals to be varied depending on the equipment and customer requirements. A wide range of text modules are available for the LED display, for example: Stop, Police, Please Follow, etc. These can be programmed in 10 different languages.

## ACOUSTIC SIGNAL SYSTEM



Safety is significantly enhanced by means of the speed-related volume of the acoustic signal system and the high-performance supplementary headlamps.

## RADIO BOX



Analog and digital radio end devices can be used at the same time: They are securely stowed in the new designed radio box with electrical release function. A USB C port and Microphone is integrated in the radio box for PA announcements.

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## CASE



A perfect solution: the two waterproof and illuminated cases offer flexible storage space, including plenty of room for emergency materials such as fire extinguishers and signal boards.

## ACTIVE CRUISE CONTROL



Relaxed cruising with Active Cruise Control (ACC).  
Three letters that guarantee a big plus in terms of safety:  
This innovative system automatically maintains the desired speed as well as ensuring a distance is maintained from the vehicle in front by means of a radar sensor.

## WEATHER PROTECTION



The newly developed wind and weather protection ensures resilience to dirt, rain and spray water even in the most adverse weather conditions.

# TRAILBLAZING TECHNOLOGY.

## POWER, COMFORT AND SAFETY.



### ENGINE TYPE

- Air-/liquid-cooled two-cylinder four-stroke boxer engine with two overhead chain-driven camshafts and balancing gearwheels and BMW ShiftCam
- Bore x stroke: 106,5 mm x 73 mm
- Capacity: 1,300 ccm
- Nominal capacity: 107 kW (145 HP) at 7,750 rpm
- Max. torque: 149 Nm at 6.500 rpm
- Compression ratio: 13,3 : 1
- Fuel preparation: Electronic intake pipe fuel injection, digital engine control: BMS-O with e-gas
- Emission control: Closed-loop three-way catalytic converter, compliant with EU-5+ emission standard

### POWER TRANSMISSION

- Clutch: Multi-disc oil bath (anti-hopping)
- Gears: Shifting claw 6-gear transmission, integrated in the engine housing
- Secondary drive: Drive shaft

### SUSPENSION / BRAKES

- Wheelbase: 1,493 mm
- Castor: 114,08 mm
- Steering head angle: 64.2°
- Wheels: Cast aluminium
- Rim dimensions, front: 3,50" x 17"
- Rim dimensions, rear: 6,00" x 17"
- Tyre, front: 120/70 ZR 17
- Tyre, rear: 190/55 ZR 17
- Brake, front: Twin disc brake, floating discs, diameter 310 mm, four-piston radial brake callipers
- Brake, rear: Single disc brake, diameter 285 mm, double-piston floating calliper
- ABS: BMW Motorrad full integral ABS Pro (full integral braking, lean optimized)

### ELECTRICAL SYSTEM

- Alternator: Three-phase generator with 650-watt nominal capacity
- Battery: 12 V / 12,5 Ah, maintenance-free, Lithium Ion

### DIMENSIONS / WEIGHTS

- Comfort Seat height, unladen: 825/ 845 mm (Comfort high seat: 840/ 860 mm; Comfort low seat: 780/ 800mm)
- Rider's inside-leg arc, heel to heel: 1,860/ 1,900 mm (Comfort high seat: 1,890/ 1,930 mm; Comfort low seat: 1,780/ 1,820 mm)
- Usable tank capacity: 24 l
- of which is reserve: approx. 4 l
- Length (using number plate carrier): 2,229 mm
- Height (above windscreen): 1,570 mm
- Width (including mirrors): 971 mm
- Vehicle kerb weight, fully fuelled/road-ready: 281 kg<sup>1)</sup> (without authorities-specific equipment)
- Max. permitted weight: 510 kg
- Max. load (with standard equipment): 229 kg

1) According to guideline VO (EU) 168/2013 with all fluids, with standard equipment and fuelled with at least 90% of usable tank volume.

### MILEAGE / CONSUMPTION

- Maximum speed: over 200 km/h
- Consumption per 100 km based on the WMTC: 4.9 l
- CO2 emissions according to WMTC: 115 g/km
- Fuel type: Super petrol unleaded, octane number 95 (ROZ), adaptation through engine control (91 to 98 ROZ)

### Standard equipment

- 10.25-inch color TFT Display with connectivity and integrated Navigation via BMW Motorrad Connected App.
- BMW Motorrad full integral ABS Pro
- Dynamic ESA
- DCC (Dynamic Cruise Control with braking function)
- Full-LED headlights with lighting icon
- Tyre pressure control and HSC (Hill Start Control)
- Heated grips and seat heating
- DTC (Dynamic Traction Control)
- 3 riding modes (ECO, Rain and Road)

# PUT US TO THE TEST.

Our experience is dedicated to your success. Tell us about your individual requirements. We will be more than happy to advise you personally and be your expert partner when it comes to functional solutions to meet your specific requirements. For an initial overview of the diverse possibilities provided by BMW Motorrad Authorities and Special Vehicles as well as the comprehensive range of Original BMW Motorrad equipment options, see [authorities.bmw-motorrad.com](http://authorities.bmw-motorrad.com)

