



Questions and Answers About the New BMW F 450 RR.

The key questions about the new BMW F 450 RR—answered concisely with specific technical data.

What is the BMW F 450 RR?

The BMW F 450 RR is a lightweight supersport bike for the 48-hp class and the entry point into the world of BMW RR. It combines a 35 kW (48 hp) parallel-twin engine with supersport-specific chassis geometry, 17-inch wheels, and a ready-to-ride weight of 177 kg. It was developed for dynamic riding on winding country roads and for use on the racetrack.

Who is the BMW F 450 RR designed for?

The BMW F 450 RR is aimed at riders looking for an accessible supersport bike with precise handling and moderate power. This includes A2 license holders as well as experienced motorcyclists who prefer a lightweight, direct motorcycle for winding country roads, everyday use, and their first or regular racetrack outings.

Is the BMW F 450 RR suitable for an A2 license?

Yes. With 35 kW (48 hp), the BMW F 450 RR meets the maximum engine output permitted in Europe for the A2 license class. No subsequent power reduction is required.

What distinguishes the BMW F 450 RR from the BMW F 450 GS?

The BMW F 450 RR uses the 420 cc parallel-twin engine familiar from the BMW F 450 GS, but is consistently tuned for supersport use. Key differences include chassis geometry, ergonomics, fairing, aerodynamics, 17-inch tires, and the sporty control strategy of the riding modes. The riding position is more front-wheel-oriented, and the shift pattern can be reversed for the racetrack.

What are the output, torque, and weight of the BMW F 450 RR?

The parallel-twin engine produces 35 kW (48 hp) at 8,750 rpm and develops maximum torque of 43 Nm at 6,750 rpm. As much as 80 percent of maximum torque is already available at 3,000 rpm. The DIN ready-to-ride weight is 177 kg, or 178 kg with the Easy Ride Clutch.



What is the effect of the parallel-twin engine's 135-degree crankpin offset?

The 135-degree crankpin offset creates uneven firing intervals, shaping the engine's power delivery and sound. Together with the counter-rotating balance shaft, this crankshaft design combines characterful power delivery with excellent refinement and low vibration.

How does the Easy Ride Clutch on the BMW F 450 RR work?

The Easy Ride Clutch (ERC) uses a centrifugal unit that automatically engages the clutch according to engine speed. In combination with Shift Assistant Pro, the rider does not need to operate the clutch manually during regular riding. The clutch lever remains available for deliberate rider input. During overrun, the ERC stays closed, preserving engine braking until shortly before the motorcycle comes to a stop; at idle speed, it opens automatically and prevents the engine from stalling.

Is the Easy Ride Clutch standard, and can it be retrofitted?

The Easy Ride Clutch is included on the BMW F 450 RR M Sport with Innovation Package. It is available for the other variants as a retrofittable Original BMW Motorrad Accessory. With ERC, the ready-to-ride weight increases by one kilogram to 178 kg.

Which riding modes and assistance systems are standard?

The BMW F 450 RR comes standard with the "Rain," "Road," and "Race" riding modes. Standard equipment also includes BMW Motorrad ABS Pro for lean-angle-optimized braking, Dynamic Brake Control (DBC), Dynamic Traction Control (DTC), and engine drag torque control (MSR). Riding Modes Pro adds the individually configurable "Race Pro" riding mode.

Is the BMW F 450 RR suitable for the racetrack?

Yes. The supersport-specific geometry, low weight, 17-inch tires, "Race" riding mode, and reversible shift pattern are designed for sporty riding, including racetrack use. The Sport variant and both M Sport variants also feature the Sport suspension, whose 43 mm KYB upside-down fork offers adjustable rebound and compression damping. Riding Modes Pro additionally provides "Race Pro," Sport screens, and a lap timer function.

How suitable is the BMW F 450 RR for everyday use?

Despite its supersport focus, the BMW F 450 RR is equipped for everyday use. Standard features include a two-piece seat at a height of 790 mm,



heated grips, LED lighting, a 6.5-inch TFT display, connectivity, and a USB-C port. With a WMTC fuel consumption of 3.8 liters per 100 km, the 14-liter fuel tank provides a calculated range of more than 350 km. Accessories such as a tank bag and soft cases expand its versatility for commuting and short trips.

Is the BMW F 450 RR also suitable for shorter riders, and what seat height does it offer?

Yes. The standard seat height of 790 mm (31.1 in) already provides excellent accessibility. Through the BMW Motorrad Original Accessories range, the riding position can be adjusted by raising the seat height by 20 mm (0.8 in) with the Sport Rider's Seat or lowering it by 15 mm (0.6 in) with the Low Seat.

This results in an available seat height range from 775 mm to 810 mm (30.5 in to 31.9 in), allowing riders, particularly those of shorter stature, to tailor the ergonomics to their individual needs.

Which equipment variants are available?

The BMW F 450 RR is offered in four variants: Base, Sport, M Sport, and M Sport with Innovation Package. The Sport variant adds Shift Assistant Pro and the Sport suspension. M Sport additionally offers Riding Modes Pro and the Snaefell white / M Motorsport color scheme. The Innovation Package adds the Easy Ride Clutch.