

ZXMOTO
820RR

FULL-POWER | TECHNICAL SPECIFICATIONS



Three-cylinder performance. Precision sporting control.

The ZXMOTO 820RR combines an 818.8 cc inline-three engine with a cast aluminium frame and fully adjustable suspension. TAISKO brakes, cornering ABS and traction control complement a focused, fully faired sports motorcycle.

818.8 cc

INLINE-THREE

99 kW

AT 12,000 RPM

193 kg

KERB WEIGHT

ENGINE

Engine	818.8 cc inline-three, DOHC, 12 valves
Cooling	Oil and liquid cooling
Bore x stroke	80 x 54.3 mm
Compression ratio	13:1
Maximum power	99 kW at 12,000 rpm
Maximum torque	80 Nm at 9,500 rpm
Fuel system	BOSCH electronic fuel injection

TRANSMISSION

Gearbox	6-speed
Clutch	Wet multi-plate slipper clutch

CHASSIS & SUSPENSION

Frame	Cast aluminium frame
Swingarm	Double-sided aluminium alloy
Front suspension	Inverted fork; fully adjustable preload and damping
Rear suspension	Monoshock; fully adjustable preload and damping
Rake	24.2 / 24.6 degrees

BRAKES & RIDER SAFETY

Front brake	Twin 320 mm floating discs
Front calipers	TAISKO radial opposed 4-piston
Rear brake	220 mm disc; TAISKO opposed 2-piston caliper
Rider assistance	6-axis IMU; cornering ABS; traction control

WHEELS & TYRES

Front tyre	120/70-17
Rear tyre	190/55-17
Front wheel	Cast aluminium alloy; MT3.5 x 17
Rear wheel	Cast aluminium alloy; MT6.0 x 17

DIMENSIONS, WEIGHT & FUEL

Length x width x height	2,050 x 745 x 1,160 mm
Wheelbase	1,423 mm
Seat height	825 mm
Kerb weight	193 kg
Fuel tank	18 litres

ELECTRICAL & EQUIPMENT

Lighting	Full LED
Instrumentation	TFT display with smartphone mirroring
Ignition	Keyless ignition
Engine controls	Electronic throttle; quickshifter; riding modes
Connectivity	USB connection