



R1-derived technology

Racing is at the heart of Yamaha's DNA and the new R7 carries this spirit forward - combining proven CP2 power with R1-derived electronics and refined handling to deliver an agile, thrilling Supersport that's built to inspire confidence and light up every ride.

Advanced R1-derived electronics take the R7 to the next level. A new 6-axis IMU works with YCC-T and YRC riding modes to deliver precise control and confidence, with traction, slide and lift control systems fine-tuned for road or track — all displayed through a 5-inch colour TFT screen.

Next-generation R-Series design and refined aerodynamics give the new R7 a sharper, more dynamic edge. A revised frame, fully adjustable suspension and lightweight SpinForged wheels with Bridgestone S23 tyres deliver agile handling and confident control through every curve.



- Sporty high-torque 689cc CP2 engine
- R1-developed 6-axis IMU
- Yamaha Ride Control with Customisable Settings
- Lean Sensitive rider aids including Traction Control, Slide Control and Brake Control
- More rigid and agile chassis
- Refined, more comfortable riding position
- Power Modes, Launch Control and Lift Control
- Third-Generation Quick Shift System (QSS)
- 5" TFT display with full connectivity
- Y-TRAC Rev – Feel Like a Racer
- Refined Aerodynamics

R7. The Evolution of R/World.

Born from Yamaha's game-changing R-Series legacy, the R7 has redefined the Supersport class for a new generation. Proven on road and track, it evolves again with R1-inspired electronics, refined handling, killer anniversary colours, and next-level balance to deliver pure, accessible performance.

The new R7 blends Yamaha's acclaimed 689cc CP2 engine with advanced R1-derived technology, including a 6-axis IMU, YCC-T throttle and YRC riding modes. Combined with a refined chassis and agile handling, it delivers a perfectly balanced Supersport experience that more riders than ever can enjoy.

Retaining the unmistakable DNA of Yamaha's R-Series, the new R7 evolves with next-generation design, refined suspension and lightweight SpinForged wheels for agile, precise handling. A Supersport machine born from race-inspired style and engineered for real-world performance.



Sporty high-torque 689cc CP2 engine

Delivering 73.4 PS at 8,750 rpm, the R7's 689cc engine produces punchy acceleration and smooth, linear torque. Its 270° crank delivers a responsive feel with a signature CP2 growl, while Yamaha Chip Controlled Throttle (YCC-T) ensures precise power delivery for confident control with every twist of the wrist, on road or track.



R1-derived 6-axis IMU

For the first time, the R7 features Yamaha's R1-derived 6-axis IMU. Race-grade technology that brings true Supersport intelligence to the middleweight class. Constantly measuring movements and lean angles, it powers the R7's advanced electronic rider aids, delivering precision, confidence and control in every corner.



Yamaha Ride Control with Customisable Settings

Yamaha Ride Control (YRC) lets riders tailor the R7's character to suit their mood or the moment. Three factory modes - Sport, Street and Rain - are complemented by a fully customisable setup via the MyRide app, allowing riders to fine-tune power delivery and electronic support.



Lean Sensitive rider aids including Traction Control, Slide Control and Brake Control

Working seamlessly with the R7's R1-derived 6-axis IMU, the lean-sensitive Traction Control, Slide Control and Brake Control systems continuously monitor movement and grip. Each system intervenes subtly and predictably, enhancing stability and allowing riders to push their limit with total confidence on road or track.



More rigid and agile chassis

Almost every element of the new R7's frame has been refined, from pipe layout and wall thickness to reinforcement points to improve rigidity while maintaining the same weight. Its 41mm fully adjustable inverted forks now feature lightweight aluminum piston rods to reduce weight for a sharper response and precise, agile handling.



Refined, more comfortable riding position

Revised ergonomics make the new R7 easier to live with every day. Re-positioned handlebars and a reshaped fuel tank give you more room to move, while a lower 830mm seat height and R1-style footpegs help you feel planted yet relaxed — whether you're commuting, carving corners or cruising home after a long ride.

Engine

Engine type	2-Cylinder; Liquid-cooled; DOHC; 4-valves; 4-stroke
Displacement	689cc
Bore x stroke	80,0 mm x 68,6 mm
Compression ratio	11,5 : 1
Lubrication system	Wet sump
Clutch Type	Wet; Multiple Disc
Ignition system	TCI
Starter system	Electric
Transmission system	Constant Mesh; 6-speed
Final transmission	Chain
Carburettor	Fuel Injection
Maximum power	54,0 kW (73,4 PS) @ 8.750 rpm
Maximum Torque	68,0 Nm (6,9 kg-m) @ 6.500 rpm
Limited power version	35,0 kW (47,6 PS) @ 4.500 rpm
Fuel consumption	4.1 l/100 km
CO2 emission	97 g/km

Chassis

Frame	Diamond
Front suspension system	Telescopic fork, Ø41 mm
Front travel	120 mm
Rear suspension system	(Link type suspension); Swingarm
Rear Travel	121 mm
Front brake	Hydraulic dual disc, Ø298 mm
Rear brake	Hydraulic single disc, Ø245 mm
Front tyre	120/70ZR17M/C (58W) Tubeless
Rear tyre	180/55ZR17M/C (73W) Tubeless
Caster Angle	24°
Trail	91 mm

Dimensions

Overall length	2.070 mm
Overall width	725 mm
Overall height	1.160 mm
Seat height	830 mm
Wheel base	1.395 mm
Minimum ground clearance	135 mm
Wet weight (including full oil and fuel tank)	189 kg
Fuel tank capacity	14,0 L
Oil tank capacity	3,0 L

Always wear a helmet, eye protection and protective clothing. Yamaha encourage you to ride safely and respect fellow riders and the environment. Images shown depict professional riders performing under controlled conditions. Specifications and appearance of Yamaha products as shown here are subject to change without notice and may vary according to requirements and conditions. For further details, please consult your Yamaha dealer.