



Racing forever.

Yamaha Motor Company won its first race just 10 days after the company was founded. And this burning desire to go racing continues to define Yamaha to this day, and it is what enables the company to create high performance supersport bikes like the latest R1.

Virtually every part of the latest model has been developed with the knowledge gained through the company's WSBK and MotoGP race teams. The new fairing is a direct spin off from the M1, and gives over 5% more aerodynamic efficiency – and the sophisticated electronic control technology was pioneered on the race track.

So next time you see a Yamaha competing in WSBK or MotoGP, remember that these guys are responsible for making your R1 the ultimate R-Series supersport.



- Aerodynamic, M1-style bodywork
- Refined, high efficiency 998cc EU5 engine
- Next generation LED headlights and position lights
- Improved front and rear suspension performance
- 2-Mode Brake Control (BC) cornering ABS
- 3-mode Engine Brake Management (EBM) system
- Ride-by-wire APSG throttle
- Launch Control (LCS) system
- 320mm front discs, high friction pads
- Latest Bridgestone Battlax RS11 tyres
- Premium finish with outstanding build quality

R history. Your future.

Developed without compromise and constructed with the most sophisticated engine and chassis technology, the R1 is the ultimate Yamaha supersport.

Equipped with an aggressive M1-derived cowl, the aerodynamic bodywork delivers ultimate performance. Next generation LED headlights and stylish LED position lights reinforce this bike's intimidating presence – and with the Brake Control (BC) and Engine Brake Management (EBM) systems, you're in full control.

Each of the seven adjustable electronic rider aids can be fine-tuned in seconds via the YRC system. And with uprated suspension, a highly refined EU5 engine and premium RS11 tyres, the R1 has just raised the bar to a new level.



Optimised Launch Control (LCS) system

By using data from a wide range of sensors, the R1's Launch Control System (LCS) gives you increased control during racing starts. For even faster launches the LCS1 mode has been modified to activate at 9000 rpm with a throttle opening of 41 degrees.



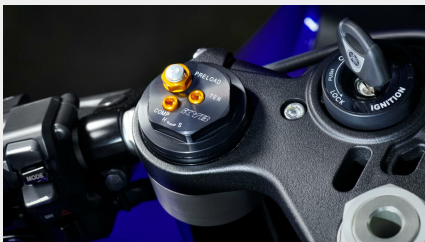
Aerodynamic M1-style bodywork

The R1 looks sharper than ever with its M1-style cowlings and fully integrated fairing that give the bike a more aggressive race-developed profile. By enabling you to tuck in closer to the bike, this lightweight bodywork increases aerodynamic efficiency by over 5% for better high speed performance.



High-efficiency crossplane engine

A key feature of the R1's 998cc engine is the crossplane crankshaft with its uneven 270° - 180° - 90° - 180° firing sequence that delivers strong, linear torque. Featuring a high-efficiency intake system along with special designed finger-follower rocker arms, this race-developed engine delivers refined high rpm performance and is EU5 compliant.



Improved suspension performance

The latest model comes with updated 43mm Kayaba forks that utilise laminated type damping valves. Together with rear shock settings this gives you a heightened feeling of being connected directly to the road surface, making the R1 feel as if it is an extension of your body.



Brake Control (BC) System

Technology is transforming the way we ride, and the R1 features no fewer than seven electronic control systems. Featuring two modes, the Brake Control (BC) system analyses data such as lean angle and slipping acceleration and modulates hydraulic brake pressure to prevent wheel lock ups.



Engine Brake Management (EBM) system

Control is everything when you're on the track, and the Engine Brake Management (EBM) system allows you to adjust engine braking force. Using data from various sensors, the EBM adjusts throttle opening, ignition timing and fuel injection volume to give you a choice of three engine braking modes to suit different riding situations.

Engine

Engine type	Liquid-cooled; EURO5; 4-cylinder; 4-stroke; 4-valves; DOHC
Displacement	998 cc
Bore x stroke	79.0 × 50.9 mm
Compression ratio	13.0:1
Lubrication system	Wet sump
Clutch type	Wet; Multiple Disc
Ignition system	TCI
Starter system	Electric
Transmission system	Constant Mesh; 6-speed
Final transmission	Chain
Fuel system	Electronic Fuel Injection
Maximum power	147.1kW (200.0PS) @ 13,500 rpm
Maximum torque	113.3Nm (11.6kg-m) @ 11,500rpm
Fuel consumption	7.2l/100km
CO2 emission	168g/km

Chassis

Frame	Aluminium Deltabox
Front suspension system	Telescopic fork
Front travel	120 mm
Rear suspension system	Swingarm
Rear travel	120 mm
Front brake	Hydraulic dual disc brake
Rear brake	Hydraulic single disc brake
Front tyre	120/70ZR17M/C (58W) Tubeless
Rear tyre	190/55ZR17M/C (75W) Tubeless
Caster angle	24°
Trail	102 mm

Dimensions

Overall length	2,055 mm
Overall width	690 mm
Overall height	1,165 mm
Seat height	855 mm
Wheel base	1,405 mm
Minimum ground clearance	130 mm
Wet weight (including full oil and fuel tank)	201 kg
Fuel tank capacity	17 litres
Oil tank capacity	4.9 litres

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.