



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 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 superport.



- 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
- TFT instruments with EBM and BC displays



Aerodynamic M1-style bodywork

The R1 looks sharper than ever with its M1-style cowling 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.



Next generation LED headlights

The M1-style cowling is fitted with special designed LED headlights that sharpen the menacing looks of the latest model. The aggressive face of the R1 also features position lights that reinforce the bike's street presence and underline its pure race-bred design.

| Engine | |
|---------------------|---|
| Engine type | Liquid-cooled;EURO5;4-Cylinder;4-stroke;4-valves;DOHC |
| Displacement | 998cc |
| Bore x stroke | 79.0 × 50.9mm |
| Compression ratio | 13.0:1 |
| Maximum power | 147.1kW (200.0PS) @ 13,500 rpm |
| Maximum Torque | 113.3Nm (11.6kg-m) @ 11,500rpm |
| 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 consumption | 7.2l/100km |
| CO2 emission | 168g/km |
| Carburettor | Electronic Fuel Injection |

| Chassis | |
|-------------------------|------------------------------------|
| Frame | Diamond |
| Caster Angle | 24° |
| Trail | 102mm |
| Front suspension system | Telescopic fork |
| Rear suspension system | Swingarm |
| Front travel | 120mm |
| Rear Travel | 120mm |
| Front brake | Hydraulic dual disc brake, Ø320 mm |
| Rear brake | Hydraulic dual disc brake, Ø320 mm |
| Front tyre | 120/70ZR17M/C (58W) Tubeless |
| Rear tyre | 190/55ZR17M/C (75W) Tubeless |

| Dimensions | |
|---|------------|
| Overall length | 2,055mm |
| Overall width | 690mm |
| Overall height | 1,165mm |
| Seat height | 855mm |
| Wheel base | 1,405mm |
| Minimum ground clearance | 130mm |
| Wet weight (including full oil and fuel tank) | 201kg |
| 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 in this brochure 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.