



## Racing DNA

Just about everything on the latest R1 can directly trace its origins back to the racetrack, where Yamaha's race winning MotoGP® and WorldSBK bikes have been developing and testing the advanced technology that you can now see and experience on your R1.

Yamaha Motor Company famously won its first ever race just 10 days after the company was founded. That fact probably tells you all you need to know about Yamaha's competitive mindset. And this total commitment to racing is what enables the world's most innovative motorcycle manufacturer to create a machine like the R1.



- Aerodynamic M1-style bodywork
- High-efficiency 998cc EU5 engine
- High-quality finish with new duo-tone colouring
- 43 mm KYB front forks
- Brake Control (BC) system
- Engine Brake Management (EBM) system
- Next generation LED headlights and position lights
- Ride-by-wire APSG throttle
- Launch Control (LCS) system
- High-friction brake pads
- Bridgestone Battlax RS11 tyres - 190 wide rear

The aggressive fairing with its central air intake is the most obvious connection with the M1 race bike – while the race-bred intelligent technology used in the seven electronic rider controls connects you and your R1 and ensures the highest degree of controllability. And with its sophisticated suspension, highly refined EU5 engine, premium RS11 tyres and dynamic new duo-tone Icon Blue colouring, the R1 is ready to give you the ultimate supersport experience.

## **R history. Your future.**

Right from the very start the R1 was developed without compromise, and this pure and focused design philosophy is what makes this high-tech race-bred Yamaha the most exciting supersport bike of our time.

Every piece of advanced technology on the R1 has been developed using the knowledge gained from Yamaha's involvement in racing at the highest level. The remarkable 998cc 4-cylinder EU5 crossplane engine is a direct descendant of the M1 unit – while the aerodynamic bodywork comes straight from racetrack development.

But above all, it's the R1's incredible array of smart electronics that make this bike so very special. Equipped with everything from a ride-by-wire throttle through to a Launch Control System (LCS), Engine Brake Management (EBM) as well as Brake Control (BC) and much more, this is the ultimate Yamaha supersport that is built to lead the way on the road and track. And it comes in a sporty new duo-tone Icon Blue with matte blue colour scheme, as well as the dynamic Yamaha Black option.



### Next generation LED headlights

The race-bred M1-style cowl is fitted with LED headlights that project a sharp and menacing look. The aggressive face of the R1 also features compact position lights that reinforce the bike's street presence and underline its pure race-bred DNA and sophisticated design.



### Aerodynamic M1-style bodywork

The R1 looks ultra-sharp with its M1-style cowl and fully integrated fairing that give the bike an aggressive race-developed profile. By enabling you to tuck in close to the bike, this lightweight bodywork achieves the highest levels of aerodynamic efficiency for outstanding high-speed performance.



### High-friction brake pads

The dual 320 mm front discs with monobloc calipers are renowned for their remarkable braking feel and performance, and the R1 is equipped with a high friction pad material that delivers precise and powerful stopping – allowing you to explore the full potential of this legendary supersport.



### High-efficiency crossplane engine

A key feature of the R1's 4-cylinder 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 specially designed finger-follower rocker arms, this race-developed engine delivers remarkable high rpm performance.



### Engine Brake Management (EBM) system

Control is everything when you're on the road or 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.



### 43 mm KYB forks

The R1 is equipped with high-specification 43 mm KYB forks featuring laminated type damping valves. Together with the advanced rear shock, this suspension system gives you a sensation of being connected directly to the road surface, making the R1 feel as if it is an extension of your body.

## Engine

Engine type	4-stroke; Liquid-cooled; 4-cylinder; DOHC; 4-valves
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	147,1 kW (200.0 PS) @ 13.500 rpm
Maximum torque	113.3 Nm (11.6 kg-m) @ 11,500 rpm
Fuel consumption	6.8 L/100 km
CO2 emission	159 g / km

## Chassis

Frame	Aluminium Deltabox; Diamond
Front suspension system	Upside-down forks
Front travel	120 mm
Rear suspension system	link suspension; Swingarm
Rear travel	120 mm
Front brake	Hydraulic dual discs, Ø320 mm
Rear brake	Hydraulic single disc, Ø220 mm
Front tyre	120/70 ZR17M/C (58W) Tubeless
Rear tyre	190/55 ZR17M/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 L
Oil tank capacity	4,9 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.