

YZF-R1

 **YAMAHA**





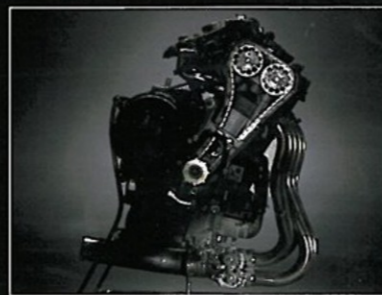
The One. YZF-R1.



This awesome motorcycle has moved the supersport riding experience up to a whole new level. In its debut year it achieved legendary status on the street. And it's ready to take control of your senses like nothing else. The fuel-injected 998 cc DOHC 5-valve engine punches out amazing full-on performance together with real-world usability. And for razor-sharp cornering this finely-balanced motorcycle runs with a short-wheelbase aluminium Deltabox III frame. Once you've checked out its radical GP-inspired bodywork and totally integrated 'no-compromise' design, it soon becomes clear that not all supersport motorcycles are born equal. Because there is only one R1.



***The ultimate balance
of power***



You probably know that the R1's 998 cc in-line four cylinder engine is equipped with highly-efficient DOHC 5-valve cylinder heads. As well as a lightweight titanium exhaust with a torque-boosting EXUP. And a sophisticated suction-piston type fuel injection system.

But until you've ridden this astonishing supersport machine you simply cannot appreciate just how smooth and responsive a high-performance engine can be. Or know what it's like to be able to out-accelerate virtually anything on wheels.

Or comprehend the rush of adrenaline as you run harder and faster than you could ever imagine.

YZF-R1. The total supersport experience.



The art of design

Take a look at this remarkable motorcycle from any angle and you instinctively know that its radical looks and beautifully sculpted bodywork could only belong an R1.

Possessing a unique power to inspire you like nothing else on two wheels, this sophisticated machine will never cease to impress. Its razor sharp profile, charismatic dual-headlight cowl and dynamic lines convey a real sense of confidence.

And wherever you look, whatever you touch, quality is self-evident.



The making of a legend

Engine/Fuel injection/EXUP

Equipped with a highly efficient fuel injection system as well as a compact tri-axis transmission and torque-boosting EXUP exhaust powervalve, the 998 cc DOHC 5-valve four cylinder engine kicks out the ultimate high-energy supersport riding experience.

Frame

Responding instantly to every rider input, the long GP-style aluminium swingarm and ultra-light Deltabox III aluminium frame deliver precise handling characteristics and offer the most astonishing cornering potential in the class.

Front/Rear suspension

You'll feel as if you're connected directly to the road surface thanks to the R1's high-specification fully-adjustable suspension. Transmitting accurate feedback, the highly rigid 43 mm front forks and a reservoir-equipped rear shock make for outstanding roadholding and traction.

Brakes

The braking system is widely regarded as being one of the best, and features dual 298 mm floating discs slowed by race-developed one-piece 4-piston calipers at the front, and a lightweight one-piece 2-piston caliper gripping a compact rear disc.



Instruments

The lightweight next-generation instrumentation includes a high-visibility analogue tachometer, digital LCD speedometer and multi-function LCD display, as well as a race-style gearshift indicator that can be adjusted in 1,000 rpm increments.

Tank/Seat

Everything about the R1 looks and feels instinctively right, including the beautiful 17 litre fuel tank and racing-style rider's seat whose ergonomic design enables you to mould your body close to the bike for optimal handling and high levels of comfort.

Cowl

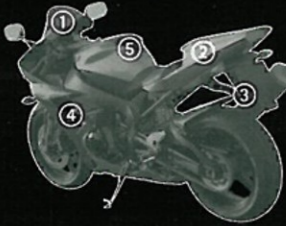
The menacing dual multi-reflector headlights accentuate the bike's edgy image, while the sharply-nosed aerodynamic cowl and lightweight screen give that instantly recognisable R1 look.

Taillight

Mounted flush in the slimline tailpiece, the integrated high-visibility LED taillight complements perfectly this class-leading supersport machine's sophisticated high-tech character.



Make it a unique One!



1. Flip-Up screen

Available in either smoke or blue tints, the optional sport flip-up screen gives your R1 a special look – and being 45 mm higher than the standard screen it offers extra wind protection.

2. Seat cover

When you're riding solo on the street or at a track day the YEC-designed seat cover offers extra support during acceleration and gives your R1 an even sharper profile.

3. Solo seat exhaust bracket

Designed for use with the optional seat cover, the lightweight exhaust bracket allows you to run without pillion footrests when riding solo on the road or track.



4. Roller protectors

Easy to fit and designed to mount straight on to the Deltabox III frame, the YEC-designed roller protectors can help prevent accidental damage to your bike's bodywork and engine cases.

5. Carbon fuel tank protector

Pre-cut to the exact shape to ensure a perfect fit, the carbon fuel tank protector is designed to prevent scratches to paintwork and helps keep your bike looking 100%.

6. U-lock

For added security Yamaha offer a U-lock featuring a tamper proof lock and hardened shackle.

7. Alarm

The optional alarm is designed to plug in to the R1's wiring harness, and helps to protect your machine when it is unattended.

YZF-R1 TECHNICAL SPECIFICATION



Silver Tech (S3)

MOTOR	
Type	4-stroke, liquid-cooled, forward inclined parallel 4-cylinder, DOHC, 20 valves
Displacement	998 cc
Bore and stroke	74 x 58 mm
Compression ratio	11.8 : 1
Max. power	111.8 kW (152 HP) @ 10,500 rpm
Max. torque	107 Nm (10.9 kg-m) @ 8,500 rpm
Lubrication	Wet sump
Fuel supply	Electronic fuel injection
Clutch type	Wet, multiple-disc
Ignition	TCI (digital)
Starter system	Electric
Transmission	Constant mesh, 6-speed
Final transmission	Chain



Racing Red (VRC1)

CHASSIS	
Front suspension	Telescopic fork
Front wheel travel	120 mm
Rear suspension	Swinging arm (Link-type suspension)
Rear wheel travel	130 mm
Front brake	Dual discs, Ø 298 mm
Rear brake	Single disc, Ø 220 mm
Front tyre	120/70 ZR17M/C (58W)
Rear tyre	190/50 ZR17M/C (73W)



Yamaha Blue (DPBMC)

DIMENSIONS	
Overall length	2,040 mm
Overall width	705 mm
Overall height	1,105 mm
Seat height	820 mm
Wheelbase	1,395 mm
Min. ground clearance	140 mm
Dry weight	174 kg
Fuel tank capacity	17 litres
Oil tank capacity	3.8 litres

Always wear a helmet, eye protection and protective clothing. Yamaha encourage you to ride safely and respect fellow riders and the environment. The specification and appearance of Yamaha products can vary from time to time without notice, and as shown here are illustrative only and are not a contractual description of products. For further details please consult your Yamaha dealer.



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YOUR HEART**

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