



Pure R-series DNA

At Yamaha we are totally committed to creating innovative and exciting motorcycles that add an extra dimension to everyday life.

With the YZF-R3, every A2-licence rider can feel the riding excitement that comes as standard with our R-series bikes. In the city or on the highway, this lightweight supersport's pure R-series DNA gives a whole new level of performance.

Its powerful 321cc twin cylinder engine and lightweight chassis benefit from the most advanced technology you'll find in the class. Which means that every time you get on your R3, you just know it's going to be like nothing else.



- Lightweight A2-licence category supersport bike
- Developed using pure R-series DNA
- Smooth, strong 321cc inline twin cylinder engine
- Slim and light chassis with agile, sporty handling
- Aggressive R-series dual headlight full fairing
- Aerodynamic bodywork with mass-forward image
- Sporty and comfortable suspension
- Strong braking performance
- ABS fitted as standard equipment
- Ready for everyday use, city or highway
- Now EU4 compliant



Lively 321cc inline twin cylinder engine

Powering the Yamaha R-series supersport model is a 321cc inline twin cylinder liquid-cooled engine that features some of the most advanced technology in the class. With a maximum power output of 30.9 kW/42 PS at 10,750 rpm, the R3 engine delivers instant throttle response for a thrilling ride - every time.



R-series technology

The R3 uses sophisticated R-series technology, including a direct-drive camshaft, forged pistons, carburized con rods, low-friction cylinders - and more. To ensure a good balance of low speed riding and high-speed performance, the engine features a 180-degree crank design - while a primary balancer is adopted to reduce vibration and mechanical noise.



Sporty and agile diamond-type frame

The compact and lightweight chassis is manufactured from high tensile steel tubing that gives an optimum balance of strength and rigidity. For sporty and agile handling characteristics the R3's wheelbase is almost the same as the R6 at 1,380mm - while the 50/50 front/rear weight distribution and 780mm seat height give a balanced ride.



Long R1-type swinging arm

To underline its strong R-series DNA, the YZF-R3 benefits from the use of an extra long R1-inspired swinging arm. Featuring the same swinging arm/wheelbase ratio as its legendary big brother, this race-proven layout ensures strong straight line handling performance and more efficient transmission of power to the road.



10-spoke cast wheels

Featuring five pairs of thin cast spokes that complement the light and sleek image, the 17-inch wheels are fitted with a 110/70-17 front tyre and a wide 140/70-17 rear tyre. For powerful and progressive braking performance the YZF-R3 benefits from a large diameter 298mm front disc and a 220mm rear disc - and for added control, ABS is fitted as standard.



Distinctive R-series styling

Check out the fabulous R3 from any angle and it's pretty obvious where its genes come from! The angular aerodynamic bodywork has distinctive R-series inspired lines, and the reverse slant dual headlights - as well as the short muffler and sharp upswept tail - are all strongly influenced by the look of our World Championship winning R6.

Engine

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|---------------------|---|
| Engine type | 2-Cylinder;liquid-cooled;4-stroke;DOHC;4-valves |
| Displacement | 321cc |
| Bore x stroke | 68.0 mm x 44.1 mm |
| Compression ratio | 11.2 : 1 |
| Maximum power | 30.9kW (42.0PS) @ 10,750 rpm |
| Maximum Torque | 29.6Nm (3.0kg-m) @ 9,000 rpm |
| 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 | 3.8l/100km |
| CO2 emission | 89g/km |

Chassis

| | |
|-------------------------|--------------------------------|
| Frame | Diamond |
| Caster Angle | 25° |
| Trail | 95mm |
| Front suspension system | Telescopic forks |
| Rear suspension system | Swingarm |
| Front travel | 130 mm |
| Rear Travel | 125 mm |
| Front brake | Hydraulic single disc, Ø298 mm |
| Rear brake | Hydraulic single disc, Ø220 mm |
| Front tyre | 110/70-17M/C 54H (Tubeless) |
| Rear tyre | 140/70-17M/C 66H (Tubeless) |

Dimensions

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|---|----------|
| Overall length | 2,090 mm |
| Overall width | 720 mm |
| Overall height | 1,135 mm |
| Seat height | 780 mm |
| Wheel base | 1,380 mm |
| Minimum ground clearance | 160 mm |
| Wet weight (including full oil and fuel tank) | 169 kg |
| Fuel tank capacity | 14.0L |
| Oil tank capacity | 2.4L |

The standard specification of the YZF-R3 does not include the seat cover as shown in the video and images.

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.