



YZF R15

**YZF
R15**

Racing Instinct



The YZF R1 image (background) is not true to scale or specifications and differs from the YZF R15 (foreground).



YZF R15

**Heir to the R series delivers unlimited potential
the YZF-R15 has arrived.**

YAMAHA's involvement in motorcycle racing goes back to when the company was founded in 1955. Ever since then, YAMAHA has made its mark in motorcycle racing history with countless victories in races such as the MOTO GP. These racing activities have been essential in improving the skills of our staff, developing state-of-the-art technology, improving quality, nurturing the spirit of taking on challenges, thus nurturing the YAMAHA DNA that has become indispensable for developing new products. This DNA has been passed on to a broad range of products including our R series. YAMAHA's new supersport model, the YZF-R15 has evolved out of the abundant experience and expertise we have accumulated over the years. We believe this evolution will revolutionize the motorcycle market of India. Its unprecedented potential will surely arouse the true rider instinct in you.



YZF R15

Feel the excitement



The YZF-R15 is the perfect embodiment of YAMAHA's motorcycle development policy, "exciting performance and stylish design." Its power unit is a newly developed liquid-cooled 4-stroke SOHC single-cylinder 4-valve fuel-injected (FI) engine. And the chassis that supports the power created by this new engine consists of a Deltabox Frame, which delivers excellent rigidity balance, and a linked type monocross suspension.

The "perfect balance that makes a supersport," the most important characteristic of YAMAHA's "R" series has been inherited by the YZF-R15 and has given it unprecedented levels of driving dynamism.







YZF R15

Sensual racing form

The YZF-R15's form consists not of a cowl for simply enclosing the engine, but of blade surfaces that actively control airflow. It has been finished to an aero-management form that is rooted in YAMAHA's unique riding dynamics that are obtained from numerous race challenges.



YZF-R15: An embodiment of state-of-the-art technologies

~ Special feature points ~



liquid-cooled 4-stroke engine

The YZF-R15 is equipped with a newly developed 150cc liquid-cooled 4-stroke SOHC single-cylinder 4-valve fuel-injected (FI) engine. It delivers excellent response to accelerator inputs that is an indispensable characteristic for "urban supersport" models, exhilarating acceleration on straight stretches, and environmental friendliness.



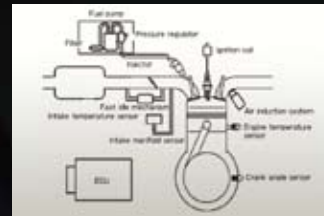
DiASiL Cylinder

The YZF-R15's engine is equipped with a DiASiL Cylinder, an all-aluminum, sleeve-less cylinder which was born from YAMAHA's world-class aluminum die casting technology. This cylinder ensures excellent heat dissipation, eliminates heat-induced engine power loss, reduces engine weight, and helps improve fuel efficiency.



Forged piston

The YZF-R15's engine uses a forged aluminum piston which is lightweight and hard. These types of pistons have traditionally been found only on large displacement supersport models. The piston achieves a reciprocal inertial weight that is approximately 20% less (instead of smaller better to use less) than the cast pistons used in engines with the same displacement (according to YAMAHA tests), resulting in less engine vibrations & an invigorating feeling when revving up.



Fuel Injection System

FI was used to ensure excellent fuel efficiency as well as environmental friendliness. The two components that make up the fuel injection system, a) the sensors that gather information on the engine's operation, and b) the fuel supply section that supplies gasoline, have both been designed to be lightweight and simple. The FI system delivers excellent start up performance, fuel economy, and response.



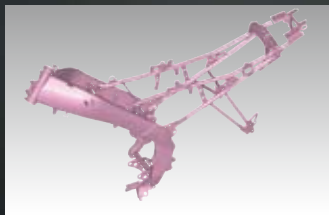
6-speed transmission

The YZF-R15 is equipped with a 6-speed transmission that delivers a sporty ride true to its "supersport" heritage. Its primary and secondary reduction ratios and gear ratios for all six gears have been optimized for each other, delivering excellent performance for out-of-town driving, long distance driving, as well as "stop and go" driving in the city and tandem riding. This transmission is a crucial element in delivering agile riding under all conditions.



Air induction system and catalytic converter

The YZF-R15 is equipped with an air induction system that burns residual gas in the exhaust, reducing carbon monoxide (CO) and hydrocarbon (HC) emissions. The muffler is equipped with a honeycomb catalytic converter made of platinum and rhodium supported on stainless steel foil. This along with the FI system creates a synergy that delivers better response and cleaner emissions that comply with the next Bharat Stage IV emission standards.



Deltabox Frame

The frame based on Yamaha's Moto GP experience, forms the basis for riding comfort and handling performance, is a Deltabox frame which delivers superior rigidity balance. This frame was designed to provide the best balance in longitudinal, lateral, and torsional rigidity. The synergy created by optimizing each dimension delivers a solid riding feel as well as comfort and agile riding performance.



Linked Monocross Suspension (multiple cylinder type)

The linked monocross suspension is attached to the body via a link. It delivers a comfortable ride and a cushioning performance that is less prone to bottoming out. In particular, it reduces annoying "sinking" when riding tandem, delivering agile handling performance and riding comfort at the same time.



Front fork with 33mm inner tube

This model is equipped with a vertical front fork with a 33mm inner tube. The optimized design of the valve mechanism that produces damping force delivers excellent shock absorbing performance even if it is close to bottoming out, delivering agile handling performance and straight line stability.



17" cast wheels front and rear

The YZF-R15 is equipped with 17" cast wheels front and rear. The front and rear wheels are respectively fitted with 80/90-17 and 100/80-17 bias soft compound tires, delivering agile handling performance and excellent stability.

The tires are tubeless tires that prevent sudden air loss even if they are punctured.



Front and rear brakes

The front brake is a 2-pod caliper disk brake, and the rear is also fitted with a disk brake. These work together to improve braking performance and controllability to match the YZF-R15's sporty running performance.



Head lights

The YZF-R15's front is equipped with multi-reflectable dual headlights (H51 35W /35 12V) that symbolize its "R" series heritage. They provide the vision necessary for peace of mind during night driving, and enhance its sporty and stylish impression.

YZF R15 Technical Specifications

Overall length x width x height	1,995mm x 670mm x 1,070mm	Engine oil capacity	1.0 liters
Seat height	790mm	Fuel tank capacity	12 liters
Wheelbase	1,290mm	Fuel supply system	Electronic fuel injection
Minimum ground clearance	160mm	Ignition system	T.C.I
Dry weight / Curb weight	120kg / 131kg	Primary / Secondary reduction ratio	3.042 / 3.000
Engine type	Liquid -cooled, 4-stroke, SOHC, 4-valve	Clutch type	Constant-mesh wet multi-plate
Cylinder arrangement	Single cylinder	Transmission type	Return type 6-speed
Displacement	149 .8cm ³	Gear ratios	1st=2.833, 2nd=1.875, 3rd:=1.364, 4th=1.143, 5th=0.957, 6th=0.84
Bore x Stroke	57 x 58.7mm	Frame type	Diamond type
Compression ratio	10.4:1	Caster / Trail	26° / 100mm
Maximum power	17PS/ 8,500rpm	Tire size(Front / Rear)	80/90-17 / 100/80-17
Maximum torque	14.4 N.m / 7,500rpm	Brake type(Front / Rear)	Hydraulic, single disc (Front / Rear)
Starting system	Electric	Suspension type(Front / Rear)	Telescopic / Linked type Monocross
Lubrication	wet sump	Headlight	12V35W / 35W+35W

YZF R15



= 5 Years / 70,000kms. Warranty*

36 Months/40,000kms**

*Extended warranty for engine, carburetor, AIS System and electricals including wiring harness.
**Whichever is earlier. Conditions apply.



YAMALUBE

Yamaha insists on using genuine engine oil for better performance.



< Authorized Dealer >

The specification and design of the Motorcycle shown here may vary according to the requirements and are subject to change without prior notice. Colours shown may not match the actual colour due to printing limitations.

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