

**YAMAHA**

**YZF750R/SP**





***Pushing harder to the limit!***

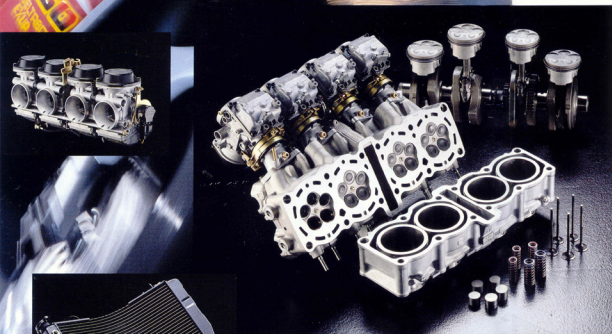
***When you demand total respect on the street.  
Or you're hungry for winning performance on the track.  
You need YZF750. R for road. SP for race.***

**Advanced design,  
race technology,  
winning performance.**

Even from the outside our latest YZF engine looks very special. And that's a result of Yamaha's Genesis slant block design.

This innovative layout ensures a low centre of gravity—as well as allowing the use of straight inlet ports fed by efficient downward carburettors.

And for '95 the 20-valve EXUP powerplant is uprated with both GPS and TPS—while a new larger capacity radiator keeps the YZF running cooler for longer.



#### Engine

749 cc slant block engine uses advanced technology developed directly from our factory superbike, and is the most sophisticated in-line four we've ever built. High efficiency 5-valve cylinder heads feature short, straight inlet ports—and for optimum performance the YZF's racebike replica combustion chambers are fed by responsive downward carburettors. Designed specifically for competition use, the SP model benefits from big bore 29 mm carburettors, class-leading suspension and a close ratio gearbox for race winning performance.

#### TPS (Throttle Position Sensor)

We've also fitted a Throttle Position Sensor (TPS) to the latest R and SP models which—like the GPS—transmits information to the mapped digital ignition system. This data is instantaneously analysed and ignition timing is idealised to perfectly match throttle position for improved engine performance at all speeds.

#### EXUP

To boost torque output the YZF models feature an advanced EXUP (Exhaust Ultimate Powervalve). This unique Yamaha-developed system constantly adjusts the exhaust's internal dimensions to maximise power output at all speeds.



#### GPS (Gear Position Sensor)

Both YZF750R and YZF750SP are equipped with a Gear Position Sensor (GPS) for '95. By constantly relaying data to the mapped digital ignition, this advanced system ensures that ignition timing is always running at the most efficient setting in each gear.

#### Radiator

Another significant improvement for the new season is the fitment of a curved radiator. Thinner and larger than the previous system, this high efficiency design helps maintain a more constant engine temperature for enhanced performance.





YZF750R  
BWCT (Blush White Cocktail 1)



YZF750R  
DCM2 (Dark Cyan Metallic 2)



YZF750SP  
BWCT (Blush White Cocktail 1)

#### YZF750R/SP TECHNICAL SPECIFICATIONS

##### ENGINE

Type	Liquid-cooled, 4-stroke DOHC,
	Forward inclined parallel 4-cylinder
Displacement	749 cc
Bore and stroke	72 x 46 mm
Compression ratio	11.5 : 1
Max. power	
(DIN)	125 PS (92 kW) @ 11,000 rpm
(ISO)	119 PS (87 kW) @ 11,000 rpm
Max. torque	7.1 kg-m (69.6 Nm) @ 9,000 rpm
Lubrication	Wet sump
Carburation	(R) Mikuni BD5T38/4
	(SP) Keihin FCRD 39/4
Ignition	T.C.I. (Digital)
Starter system	Electric
Fuel tank capacity	19 litres
Oil tank capacity	4 litres
Transmission	6-speed
Final transmission	Chain

##### CHASSIS

Overall length	2,160 mm
Overall width	730 mm
Overall height	(R) 1,165 mm
	(SP) 1,145 mm
Seat height	770 mm
Wheelbase	1,420 mm
Min. ground clearance	140 mm
Dry weight	(R) 196 kg
	(SP) 193 kg
Front suspension	Telescopic fork
Rear suspension	Swinging arm
	(Link Suspension)
Front brake	Dual disc, 320 mm diam.
Rear brake	Single disc, 245 mm diam.
Front tyre	120/70 ZR17
Rear tyre	180/55 ZR17

Always wear a helmet, eye protection and protective clothing. Yamaha encourage you to ride safely and respect fellow riders and the environment. Specifications and appearance of Yamaha products shown here may vary according to requirements and conditions, and are subject to change without notice. For further details, please consult your Yamaha dealer.



DEALER

Mitsui Machinery Sales (U.K.) Ltd

Sopwith Drive  
The Brooklands Industrial Park  
Brooklands, Weybridge, Surrey KT13 0UZ  
Tel.: 0932-35 80 00



**YAMAHA**  
YAMAHA MOTOR EUROPE N.V.  
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