

TDM900 TECHNICAL SPECIFICATION

ENGINE

Type Liquid-cooled, 4-stroke, forward inclined parallel twin cylinder, DOHC, 5 valves

Displacement 897 cc

Bore and stroke 92 x 67.5 mm

Compression ratio 10.4 : 1

Max. power 63.4 kW (86.2 HP) @ 7,500 rpm

Max. torque 88.8 Nm (9.1 kg-m) @ 6,000 rpm

Lubrication Dry 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

CHASSIS

Front suspension Telescopic fork

Front wheel travel 150 mm

Rear suspension Swinging arm (Link-type suspension)

Rear wheel travel 133 mm

Front brake Dual discs, Ø 298 mm

Rear brake Single disc, Ø 245 mm

Front tyre 120/70 ZR18M/C (59W)

Rear tyre 160/60 ZR17M/C (69W)

DIMENSIONS

Overall length 2,180 mm

Overall width 800 mm

Overall height 1,290 mm

Seat height 825 mm

Wheelbase 1,485 mm

Min. ground clearance 160 mm

Dry weight 190 kg

Fuel tank capacity 20 litres

Oil tank capacity 4.7 litres

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.

VDBMA (Very Dark Blue Metallic A)



S3 (Silver 3)



RYC1 (Reddish Yellow Cocktail 1)



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As unique as you.



The new TDM900 is a machine that refuses to be categorised. Avant-garde commuter? Mountain road cornering ace? Urban assault bike? Or, two-up tourer? Only you can decide what kind of bike this is.

The 5-valve parallel twin engine with unique 270° crankshaft has been completely re-designed with a new fuel injection system and a displacement increase to 900 cc, for more gutsy response across the rev range. This compact powerplant is mounted in a new all-aluminium chassis.

Improved suspension and brake components deliver superb handling characteristics in town, on the highway, or on mountain roads. Stylistically the TDM is in a class of its own. The stunning post-modern design of the cowling and bodywork feels as good as it looks, thanks to a combination of ergonomic engineering and good taste. So, compared to the TDM850 the new TDM900 is considerably more lighter, powerful and stylish.

TDM900. As unique as you.

What's New



Frame

Lightweight handling qualities come courtesy of a new all-aluminium frame with detachable subframe and aluminium swingarm. Resulting in a dramatic reduction in weight, the new chassis delivers brilliant cornering performance and high manoeuvrability.



Engine

An increase in displacement to 900 cc combined with the unique 270° crankshaft give this liquid-cooled DOHC 5-valve parallel-twin engine punchy acceleration and impressive performance in town or in the mountains, and the all-new 6-speed gearbox ensures effortless shifting.

Fuel Injection

The new fuel injection delivers a seamless spread of torque power, right around the dial. In addition to enhanced throttle response, this clean-running system helps the bike meet strict Euro 2 exhaust emission standards.



Front Suspension/Brakes

The front end went on a diet, too. The long-travel front forks mount a lighter wheel and the dual discs run with lightweight new monobloc front brake calipers, for powerful, responsive braking in town or on mountain roads.



Rear Suspension/Brakes

The single-shock rear suspension runs with a new, lightweight yet very stiff aluminium swingarm. The new aluminium-body shock with Monocross linkage system is fully adjustable, allowing you to tune the chassis for sport, touring or commuting use. Compact rear disc brake is very responsive.



Headlight

Nestled cleanly in the cheeky yet aerodynamic front cowl are a pair of bright, multi-reflector headlights that cut a broad swath of light across dark roads.



Instruments

Compact new instrument package includes an analog tachometer with liquid-crystal speedometer and displays. Lightweight and easy to view, it keeps you fully informed of the TDM's operating conditions.



Rear Cowl

Fashion meets function in the tastefully designed rear cowl with combination aluminium luggage rack/grab-rail. High-visibility tail light enhances the machine's after-dark visibility.



Mufflers

Dual, large-capacity mufflers enhance exhaust efficiency and contribute to the new TDM900's impressive power characteristics and great sound.