

YAMAHA DT 250



DT250MX

A remarkable compromise

World motocross 250cc champions, Yamaha wanted to bestow the incomparable experience gained on world circuits upon their trail models. The DT250MX is the result of the most extensive technical research.

Its 246cc engine is an extremely compact two-stroke single cylinder, with aluminium casing, black like the competition machines. It's a remarkable compromise between the manageability required for road use and the power demanded for competition riding.

This result is obtained by the adoption of valve Torque Induction and electronic ignition. Autolube lubrication is effected by separate pump. The five-speed gearbox features ratios carefully selected for perfect precision. The frame consists of a tough double-loop tubular cradle which is both light and robust.

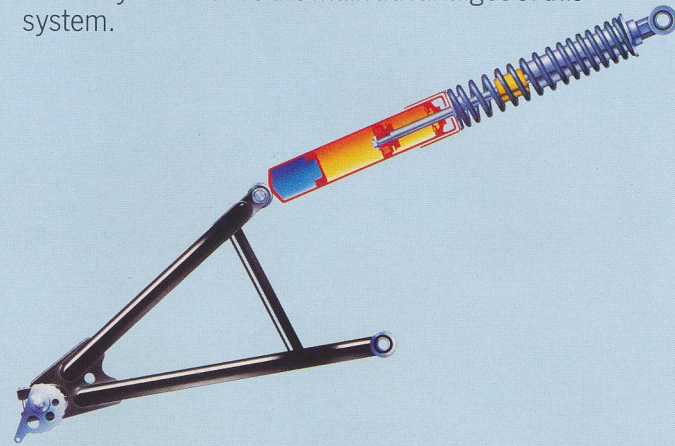
At the rear, the suspension is the revolutionary cantilever system developed by Yamaha. Controlled by the hydro-pneumatic Monoshock damper, positioned along the spine of the chassis, this cantilever arm gives unequalled suspension and control. Requiring no maintenance, reliable and durable, this refinement, together with the long-travel forks, produces really high quality suspension. Comfortable in town, stable and ground-gripping on the trail – two big advantages for this unique machine.

But this concentration on trail riding in no way detracts from behaviour in town. A superb multi-purpose machine, the DT250MX is wise in the ways of getting around town.

Equally at home whether in town or trailing, in the country or on the motocross track, the DT250MX is waiting to show you its many talents.

Cantilever:

The revolutionary Yamaha cantilever system has been copied but never matched. The tube structure acts on the gas damper mounted in the frame. Longer travel, greater effectiveness, better comfort, increased reliability – these are the main advantages of this system.



Indicators:

Completely encased in rubber, with flexible mounting, the indicators will be unaffected by bumps or spills.

Fork Gaiters:

To protect seals, the long-travel forks have very effective gaiters.

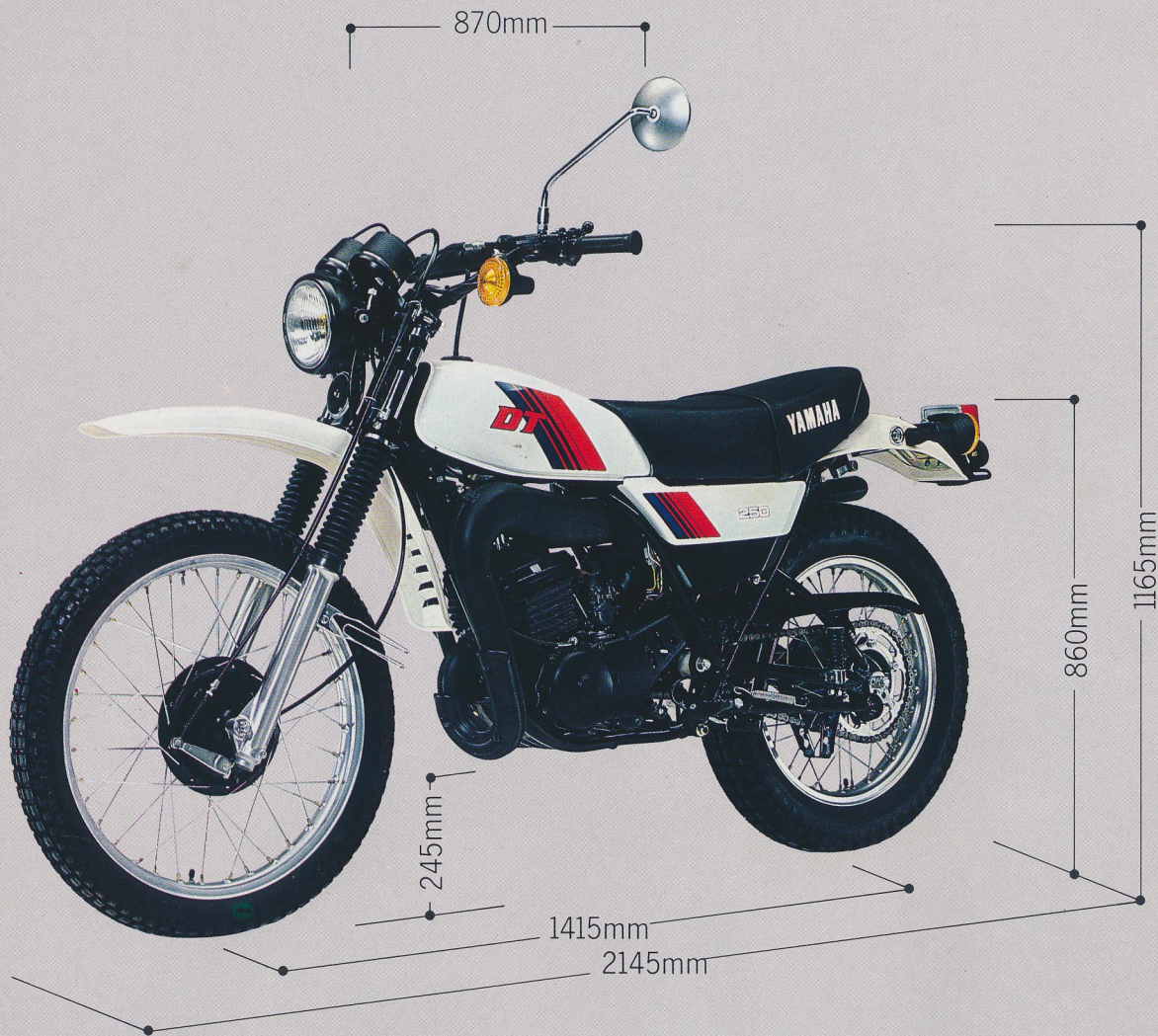
Brakes:

The front and rear drum brakes are located in light alloy conical hubs. They are painted black for better heat dissipation – another lesson learnt from motocross.

“Snail” Chain Tensioner:

Chain tension is controlled by a spring-loaded jockey and is adjusted by an eccentric tensioner.





SPECIFICATION

ENGINE

Type	2-stroke
Cylinder	Single
Displacement	246cc
Bore and stroke	70 x 64mm
Compression ratio	6.7 : 1
Max. horsepower	23hp 6000 rpm
Lubrication	Yamaha Autolube
Starting	Primary kick
Ignition	CDI
Transmission	5-speed

CHASSIS

Overall length	2145mm
Overall width	870mm
Overall height	1165mm
Wheelbase	1415mm
Ground clearance	245mm
Seat height	860mm
Weight	119 kg
Fuel tank capacity	8.0 litres
Tyres	
Front	3.00-21-4PR
Rear	4.00-18-4PR
Brakes	
Front	Drum
Rear	Drum



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