DT80MX

YAMAHA

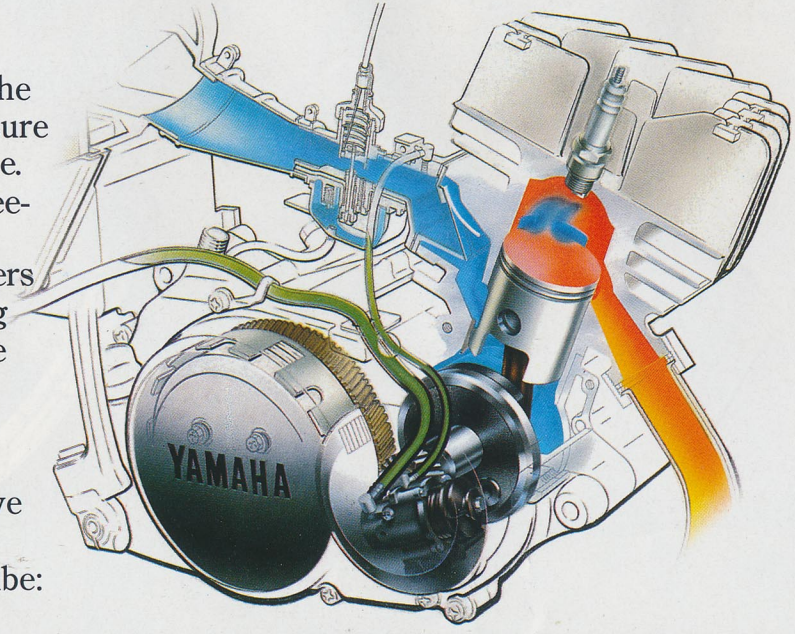
CONFIDENCE ON ROAD OR ROUGH COUNTRY— THE YAMAHA DT80MX

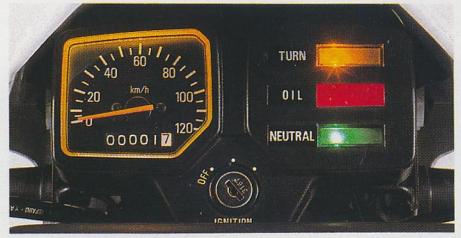
Taking to the trails gives the motorcyclist a unique chance to enjoy the freedom of the countryside, away from the bustle and noise of the cities. With the DT80MX, Yamaha have given that opportunity to even the youngest, most inexperienced riders. All the lessons learned in World Championship motocross have been used to produce an ultra-lightweight that will perform like the thoroughbred it is while still allowing the novice to develop confidence on road or rough country.

Much of this confidence will stem from the race-proven Monocross suspension that gives a firm, comfortable ride on the road while taking the rough in its stride. The progressive suspension action comes from the De Carbon-type single shock absorber with gas/oil damping. A box-section rear sub-frame adds rigidity to the chassis while long travel front forks ensure that the steering is both firm and precise.

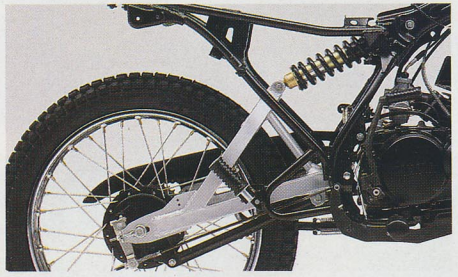
The heart of the DT80MX is a free-revving, air-cooled two-stroke single developed from the Yamaha motocrossers of recent years. Its deep cylinder finning helps to keep the operating temperature constant, always allowing the engine to develop its full power potential. This power is delivered smoothly over the whole rev-range thanks to the reed valve Torque Induction System. Prolonged engine life is aided by the use of Autolube: automatic lubrication that is throttle-linked to deliver a precise quantity of oil according to the engine's needs.

Style has not been sacrificed for all of this technical excellence, however. The motocross-style tank and seat give the DT80MX a mean, purposeful look — a look that is certainly lived up to on the trail. In town the competition styling will set the DT80MX apart from the rest, though its full range of street equipment will be the envy of many out-and-out street bikes. This combination of street style and trail performance, in fact, is what makes Yamaha DT80MX a real winner, whether you want a simple, easily-ridden bike for town use or a totally capable off-road machine.





The instrument panel is a true reflection of Yamaha's policy of attention to detail. Its easy-to-read speedometer is complimented by a full range of warning lights and the whole thing is neatly housed behind the stylish headlamp fairing.



Yamaha's own Monocross suspension and its De Carbon type shock absorber.

The 79cc two-stroke single was developed from the tough world of actual competition and combines outstanding performance with total reliability. The Torque Induction system smoothes out the mid-range power and enhances low-end torque — important factors on the trail or in town. The life of the engine is prolonged by Yamaha's Autolube system which meters the oil feed according to throttle setting. To keep the high-revving engine cool, radial cylinder head finning and a matt-black finish are used.

The neat rear lu useful standard DT80MX.

The block pattern tyres are specially designed for extra t Full-sized wheels (21 and 18-inch rear) c DT80MX is a genu motorcycle.

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The 8.0 litre fuel tank helps to give the DT80MX the appearance of a true motocross machine. It blends well with the extended dual seat, which has a height of only 830mm to allow easy control of the machine.

The wide, braced handlebars are padded for extra protection. Their shape gives a comfortable street riding position plus plenty of control on the rough.

The powerful 25W headlamp is built into a sporty fairing that also protects the instrument panel.

Motocross-style leading axle forks allow 160mm of wheel travel. To keep stones and dust away from the fork tubes, rubber gaiters are fitted as standard.

The high-level exhaust system uses a two-stage silencer to keep exhaust noise well within the legal limits. A heat shield protects both rider and passenger against accidental burns.

To protect the engine sump from rock damage the DT80MX has a lightweight steel guard fitted as standard.

Lightweight conical wheel hubs house the Yamaha-designed labyrinth seal drum brakes. Their design makes them completely weatherproof to maintain their full stopping power in the toughest conditions.

Rear view mirror(s) standard equipment.

DT80MX SPECIFICATIONS

ENGINE

Type	2-stroke, Torque Induction
Displacement	79 cc
Bore and stroke	49.0 × 42.0 mm
Compression ratio	6.3:1
Max. power (DIN)	7.0 PS (9.5 kW) @7,500 rpm
Max. torque (DIN)	9.0 kg-m (0.9 Nm) @7,000 rpm
Lubrication	Autolube
Carburation	VM18
Ignition	CDI
Starter system	Kick
Fuel tank capacity	8.0 *l*
Oil capacity	0.65 *l*
Transmission	5-speed
Final transmission	Chain drive

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Overall length	2,025 mm
Overall width	835 mm
Overall height	1,130 mm
Seat height	830 mm
Wheelbase	1,275 mm
Ground clearance	255 mm
Dry weight	84 kg
Suspension	
Front	Telescopic forks
Rear	Monocross suspension
Brakes	
Front	Drum
Rear	Drum
Tyres	
Front	2.50-21-4PR
Rear	3.00-18-6PR

Specifications and appearance of Yamaha motorcycles shown here may vary according to requirements and conditions and are subject to change without notice.
For further details, please consult your Yamaha dealer.
Always wear a helmet and eye protection.

Mitsui Machinery Sales (U.K.) Ltd.
Oakcroft Road
CHESSINGTON/SURREY KT9 1SA
Tel: 01-3975111
Tlx: 929929

YAMAHA

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