

DT100

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# The 1977 DT 100: A small di

The Yamaha DT100 is an intermediate-sized, versatile Enduro motorcycle. A great off-the-road machine with street handling characteristics.

The DT100, with a lighter chassis, has the agility of a small dirt bike. A motocross-type double-loop frame gives the DT100 a low center of gravity for better balance. The exhaust system is routed up and out of the way for greater ground clearance. And long-travel front forks and adjustable rear shocks provide a comfortable ride and good handling characteristics.

The DT100 is well-equipped for street riding. It has a large, sealed-beam headlight, high visibility turn signals, and speedometer, plus a new seat built for more comfort.

The DT100's dependable two-stroke engine displaces 98cc's of power. Coupled with a five-speed transmission, this machine is built for street riding or off-road terrain. The DT100 has exclusive Yamaha features:

Torque Induction to insure ready power, particularly at low rpm's. Yamaha's Autolube automatically mixes the oil and gas.

The Yamaha DT100 Enduro. It combines dirt bike agility with street machine performance.

When you know how they're built, you'll buy a Yamaha.



# t bike equipped for the street.

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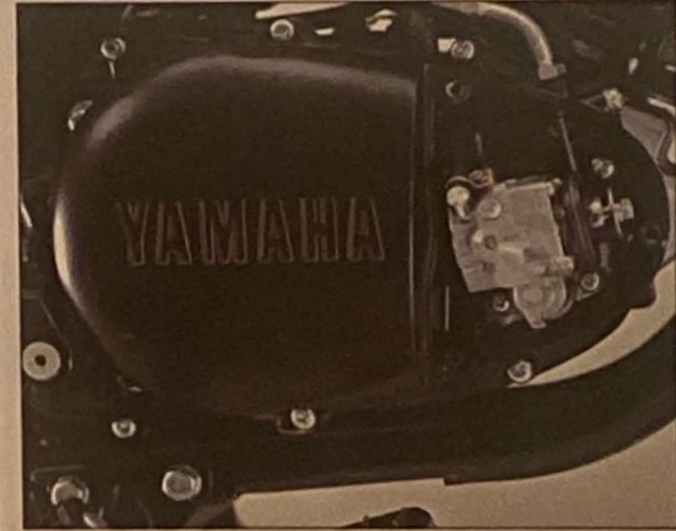
**Torque Induction**, Yamaha's unique intake system, utilizes reed valves to feed the engine the exact mixture of fuel and air it needs. The result is more horsepower particularly at low rpm's.



Motocross-type exhaust system is routed up and out of the way. It can't be damaged on rough trails and it's tucked in to provide a narrow profile. This makes the machine more comfortable and controllable.



Autolube consistently adjusts the flow of oil into the fuel mixture according to engine load and speed, contributing to increased engine life.



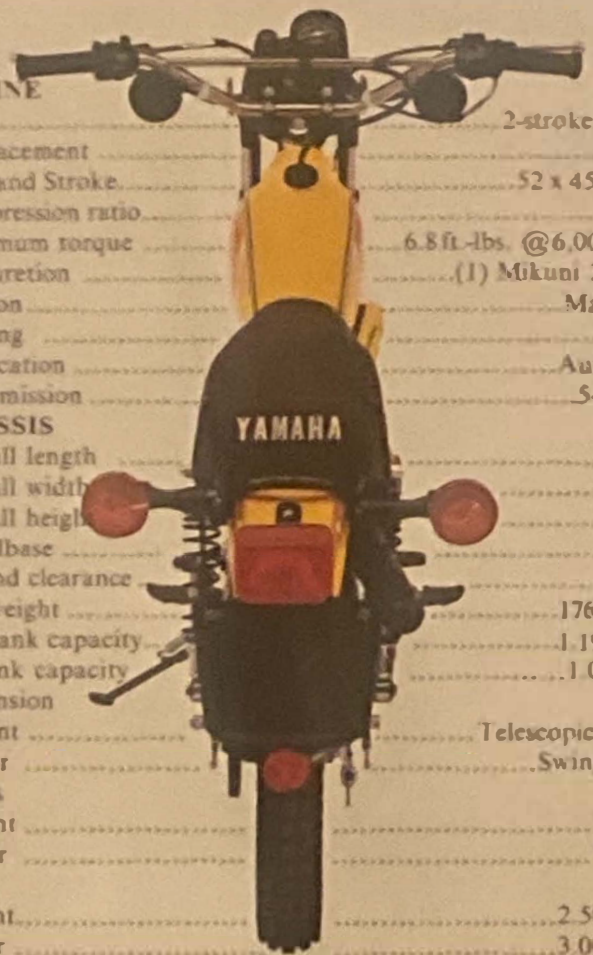
Motocross-type frame allows for a lower center of gravity, for better balance. The frame is designed with excellent steering geometry for easy handling as well as strength.

Long-travel suspension takes the DT 100 out of the mini-bike class. The front forks and rear shocks are tuned like our motocrossers — the best compromise between rider comfort and precise handling.

Enduro lighting package includes a large, sealed-beam headlight, high visibility turn signals, street-legal taillight, and speedometer light.

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ENGINE

A rear view of a yellow and black Yamaha DT100 motorcycle. The seat is black with 'YAMAHA' written on it. The rear fender is black with a red taillight. The rear wheel is black with a red hub. The rear suspension is a swing arm. The rear brake is a drum. The rear tire is 3.00 x 16. The rear fender has a red taillight. The rear wheel is black with a red hub. The rear suspension is a swing arm. The rear brake is a drum. The rear tire is 3.00 x 16.

Type.....	2-stroke single
Displacement.....	97 cc
Bore and Stroke.....	52 x 45.6 mm
Compression ratio.....	7.4 : 1
Maximum torque.....	6.8 ft.-lbs. @ 6,000 rpm
Carburetion.....	(1) Mikuni 22 mm
Ignition.....	Magneto
Starting.....	Kick
Lubrication.....	Autolube
Transmission.....	5-speed

CHASSIS

Overall length.....	74.0"
Overall width.....	31.5"
Overall height.....	39.0"
Wheelbase.....	46.9"
Ground clearance.....	7.9"
Dry weight.....	176.4 lbs.
Fuel tank capacity.....	1.19 gals.
Oil tank capacity.....	1.06 qts.
Suspension	
Front.....	Telescopic forks
Rear.....	Swing arm
Brakes	
Front.....	Drum
Rear.....	Drum
Tires	
Front.....	2.50 x 18
Rear.....	3.00 x 16

Specifications subject to change without notice.

Someday, you'll own a Yamaha.