

DT 100

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The DT100 has been completely redesigned for 1974.

The new motocross type frame, with its extremely low center of gravity, makes this a more stable, steerable bike off the road. While the extra-narrow crankcase and a new mut-

fler that tucks away under the seat make the DT100 more comfortable to straddle. This new slim design also makes the bike answer faster when you shift your weight.

Torque Induction, Yamaha's unique reed valve intake system, makes the engine breathe

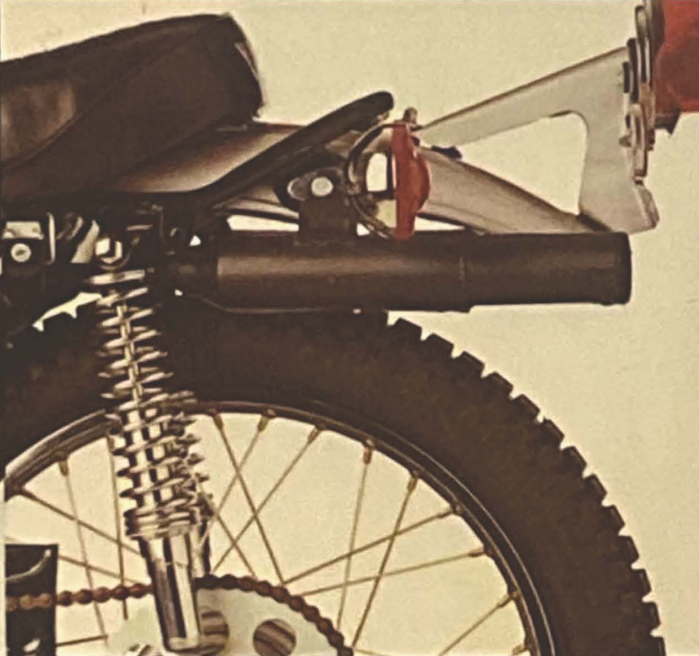
better and pull harder at low rpm's. In sand or mud, this extra torque can often be the difference between getting out and stalling out.

The all-new DT100. Down to the corner drugstore, or deep into the boonies, it'll get you there. And back.

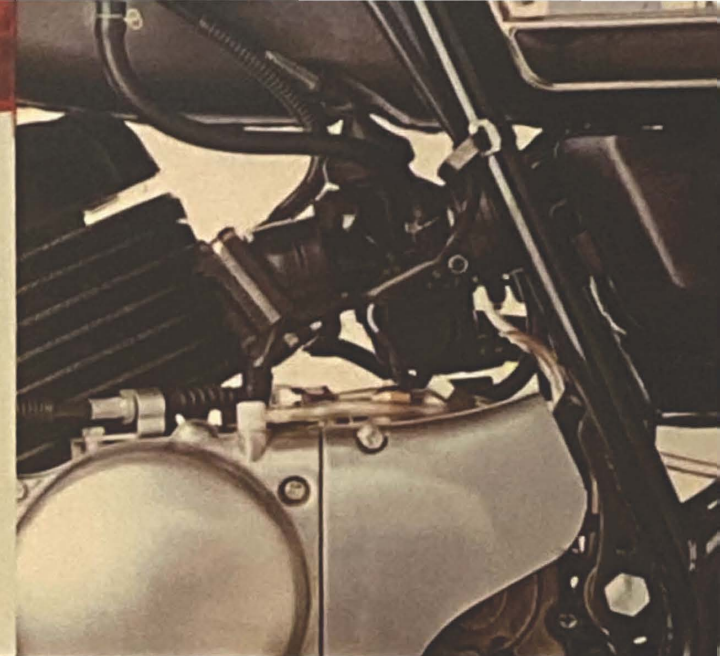


Features

Autolube? a feature on all Yamaha two-stroke engines, automatically injects oil into the fuel mixture, eliminating the need for premixing. And, since it adjusts the flow of oil to engine load and speed, it extends engine life.



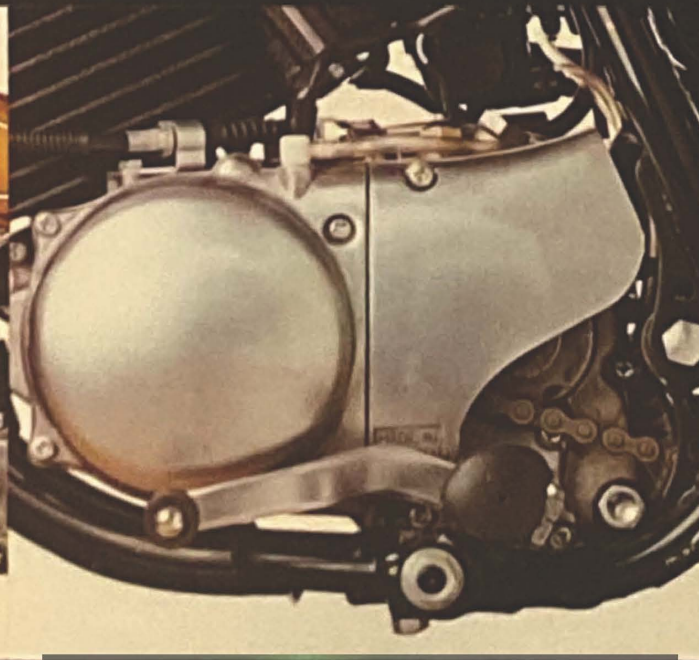
New silencer and muffler design cut down noise without cutting down power. Over-the-top exhaust and expansion chamber for better road clearance, less chance of burns.



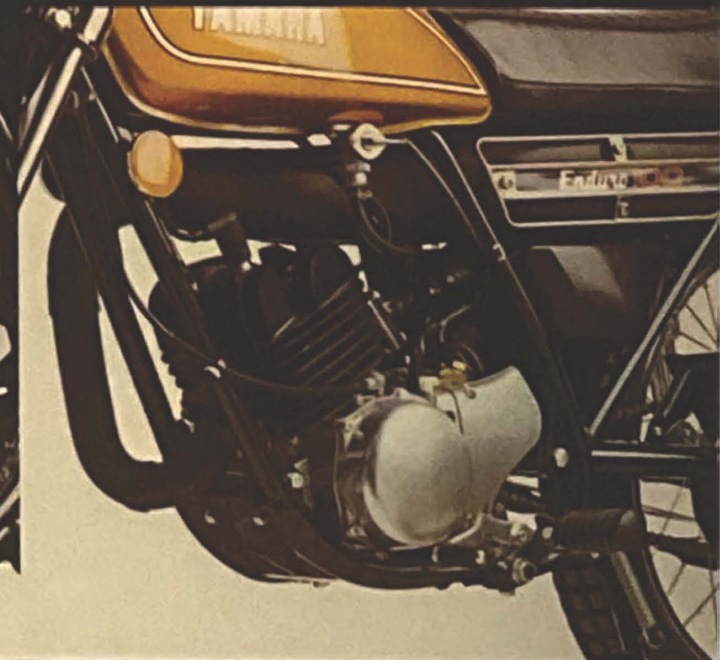
Torque Induction? Yamaha's unique intake system, utilizes a reed valve to feed the engine the exact amount of fuel and air it needs. The result is that horsepower is increased, particularly at low rpm's.



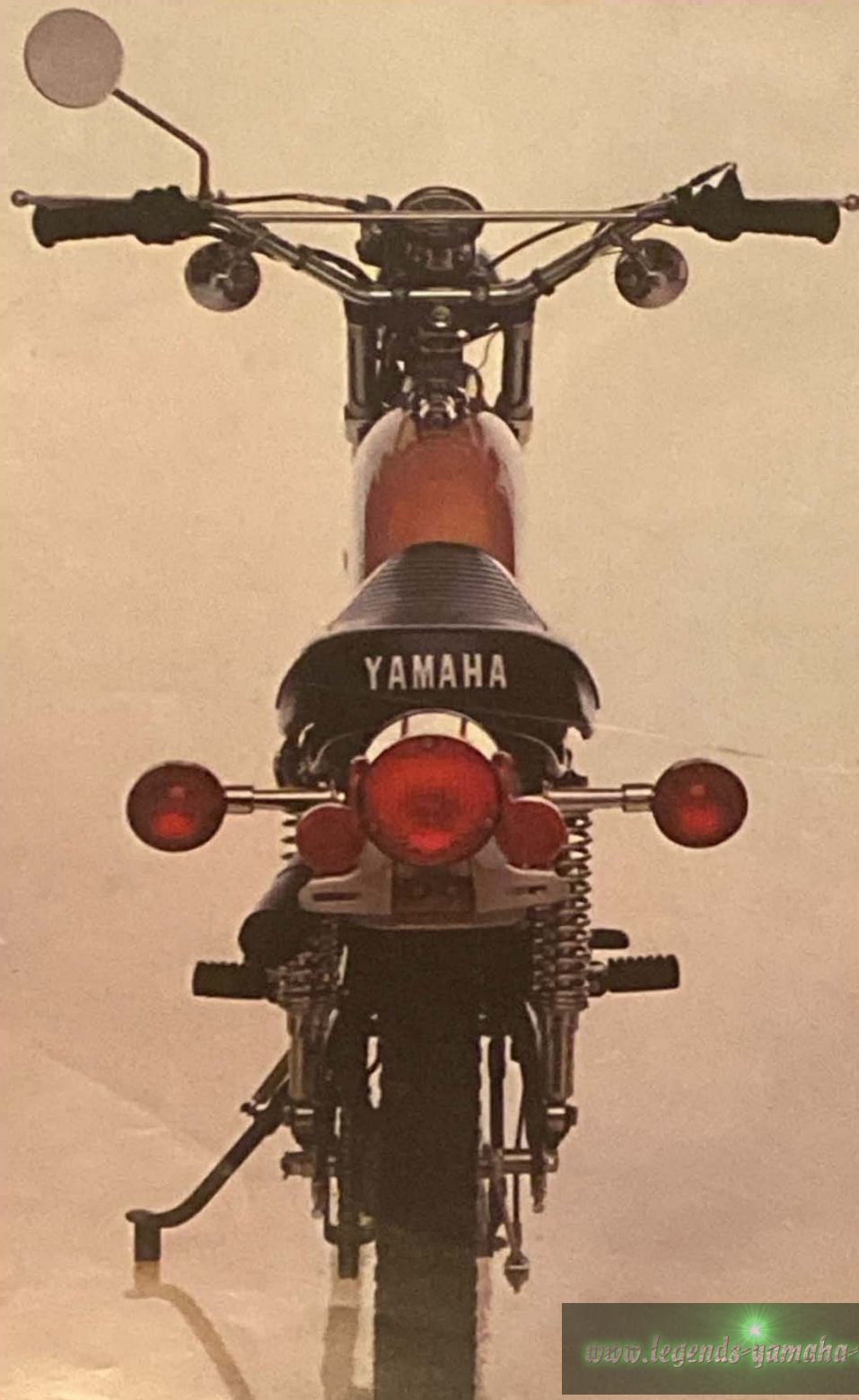
New high-clearance fender of lightweight polypropylene is virtually unbreakable. New front fork design and new steering geometry help 1974 Yamaha Enduros handle like motocrossers on rough trails.



Constant-mesh five-speed transmission has short-throw selection. www.legends-tyrrells-enduros.com are notoriously rugged.



Motocross-type frame cradles the engine lower, has lower center of gravity for better handling. This new frame design, adapted from the highly successful Yamaha motocrossers, also flexes less, for surer tracking.



PERFORMANCE		DT 100A
Max. speed	58 mph plus
Min. turning radius	75.6 in.
Min. braking distance	49.2 ft. @ 31 mph

ENGINE	
Type	2-stroke, Torque Induction, Single
Displacement	97 cc (5.92 cu. in.)
Bore & Stroke	2.047 x 1.795 in.
Compression ratio	6.8:1
Max. torque	7.0 ft-lb @ 7,000 rpm
Lubrication system	Autolube
Starting system	Primary kick starter
Transmission	5-speed gearbox

DIMENSIONS	
Overall length	77.6 in.
Overall width	34.3 in.
Overall height	42.5 in.
Wheelbase	50.4 in.
Min. ground clearance	8.9 in.

FUEL TANK	
Capacity	1.6 U.S. gal.

OIL TANK	
Capacity	1.3 U.S. qt.

TIRES	
Front	2.75-19-4 PR
Rear	3.00-18-4 PR

Specifications subject to change without notice.

Someday,
you'll own a Yamaha.

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