

YZ100



The 1978 YZ100: Graduate

This is the one you've been waiting for. The all new Yamaha YZ 100. The perfect competition MX'er for kids who've outgrown their mini, but aren't big enough for a full-size 125.

The YZ 100 is pure motocross bike. From the knobbies up. With famous Yamaha De Carbon Monocross® Suspension. Long-travel, leading axle front forks. A new double-loop tubular steel frame. And plenty more.

You'll get all the power you need from the YZ 100's completely new 98 cc Torque Induction engine. It's been specially designed for this bike. And really puts out the steam over a broad, usable band.

Its 6-speed racing transmission gives you the right gear for every turn, berm and bump.

Polypolyene fenders, a neat through-frame exhaust pipe and thickly padded seat make for more durability, ground clearance and comfort.

The YZ 100 will out-run, out-handle and out-win any other bike in its class. And that's real class.

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



to the head of the class.

Super Injection, a unique feature of Yamaha two-stroke single engines, utilizes reed valves system to prevent carburetor blowback. The result is more horsepower, particularly at low speeds.



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Capacitor Discharge Ignition System produces a hotter, more efficient spark at all engine speeds and helps reduce spark plug fouling.



Close-ratio six-speed transmission allows the engine to run at its most efficient speed. The improved shifter allows quick, positive gear changes.



Di Carbon "Shimano" Suspension, Yamaha's revolutionary suspension system, provides greater rear wheel travel for better control, more comfort and maximum control over rough terrain.



The **leading axle design** allows quicker, more precise low-speed steering. In addition, the damping characteristics can be improved through the increased oil capacity of the fork tube.



Center-mount exhaust system is routed out of the way, under the padded saddle, for more protection from road obstacles. A tuned silencer reduces noise without affecting performance.

YZ100**ENGINE**

Type	2-stroke single
Displacement	96 cc
Bore and Stroke	50 × 50 mm
Compression ratio	7.2 : 1
Maximum torque	9.8 ft.-lb. (1.36 kg-m) @ 9,500 rpm
Carburetion	(1) Mikuni VMX55
Ignition	C-D-I
Starting	Kick
Lubrication	Pre-mix (20 : 1)
Transmission	6-speed

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Overall length	80.3" (2,040 mm)
Overall width	35.0" (890 mm)
Overall height	44.3" (1,125 mm)
Wheelbase	53.7" (1,365 mm)
Ground clearance	11.0" (280 mm)
Dry weight	183 lbs. (83 kg)
Fuel tank capacity	1.3 gal. (5.0 l)

Suspension

Front	Telescopic forks
Rear	Monocross suspension

Brakes

Front	Drum
Rear	Drum

Tires

Front	2.75 × 21
Rear	3.50 × 18

Specifications subject to change without notice.

Someday, you'll own a Yamaha.

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