

YZ80



The 1978 YZ80: The champ gets

It's hard to improve on such a tough little customer as the Yamaha YZ 80. After all, it does seem to win everything it's entered in. But we did it.

And here's how: We gave it every feature our full-size YZ's have. Including, you know it, De Carbon Monocross® Suspension. We even put long-travel, leading-rod forks on it, too.

But that's not all. The all-new YZ 80 has a more powerful and lighter engine. New molded engine side covers. A 5-speed racing transmission for more versatility. And even a new double-loop frame, with better stability and weight distribution.

Yes indeed, the YZ 80 has it all. In fact, it's the first true state-of-the-art mini. And if you want to be throwing dirt, instead of eating it, you'd better be on one when the flag drops.

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



is even better (if that's possible).

Yamper Induction, a unique feature of Yamaha two-stroke engines, utilizes reed valves to prevent carburetor blowback. The result is more horsepower, particularly at low rpm's.



Five-speed transmission has a short-throw lever for quick, positive shifts.



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Crank-mount exhaust system is routed out of the way, under the padded saddle, to protect the pipe and improve ground clearance. A tuned silencer reduces noise without affecting performance.



De Carbon Manx™ Suspension, Yamaha's revolutionary composite design, provides ground feel and control for better control, more comfort and consistent traction over rough terrain.



Leading-axe front forks mean better handling and control. Naturally, these babies are pretty long on travel, too.



Double-link frame has a low profile. The low center of gravity means better balance, too, for better handling.

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ENGINE

Type	2-stroke single
Displacement	79 cc
Bore and Stroke	49 x 42 mm
Compression ratio	7.2:1
Maximum rev/Sec	6.9 ft. lbs. (0.95 kg-m) @ 9,600 rpm
Carburetor	(1) Mikuni VM26SS
Ignition	C.D.I.
Starting	Kick
Lubrication	Pre-mix (20:1)
Transmission	5-speed

CHASSIS

Overall length	67.1" (1,705 mm)
Overall width	30.9" (785 mm)
Overall height	38.4" (975 mm)
Wheelbase	46.1" (1,170 mm)
Ground clearance	7.7" (195 mm)
Dry weight	146 lbs. (66 kg)
Fuel tank capacity	1.2 gals. (4.6 l)
Suspension	
Front	Telescopic forks
Rear	Monocross suspension
Brakes	
Front	Drum
Rear	Drum
Tires	
Front	2.50 x 16
Rear	3.40 x 14

Specifications subject to change without notice.

Someday, you'll own a Yamaha.

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