

# YZ125



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# The 1977 YZ 125...a motocross machine

Horsepower has been increased for better performance without sacrificing mid range torque. This is a result of improved cylinder porting and a more efficient expansion chamber design. Combined with reed-valved Torque Induction, this triggers more usable power, especially in the mid-range, where you need it. This incredible performance and a close-ratio six-speed transmission allow the YZ 125 to out-pull, out-handle and out-ride just about any motocrosser in its class.

The YZ 125 also features a virtually trouble-free C.D.I. system for easier engine starting.

Another advantage is less weight. The YZ 125 has a lighter, plastic fuel tank because less weight—even a pound or two—on a smaller motocrosser is important. And the YZ 125 has retained its lightweight, polypropylene fenders.

The 1977 YZ 125 is also more stable. The forging De Carbon Monocross Suspension system and the new leading axle front forks allow even

greater stability, especially in competition riding. An increased wheelbase also contributes to better handling.

The YZ 125. For many reasons it is the best in its class.

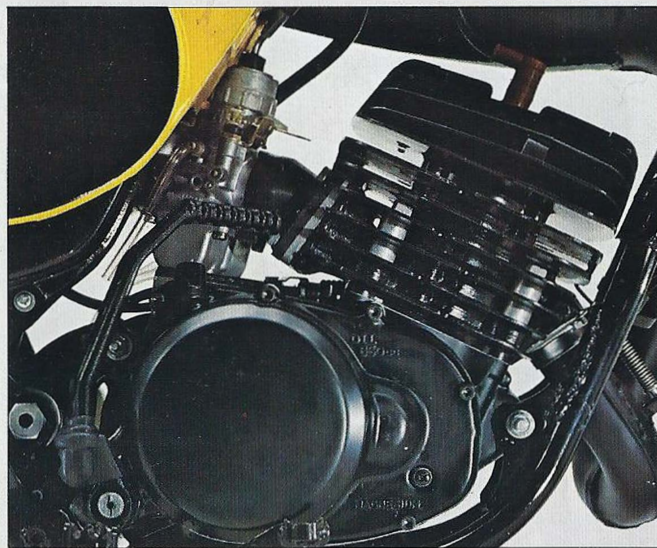
**When you know how they're built, you'll buy a Yamaha.**



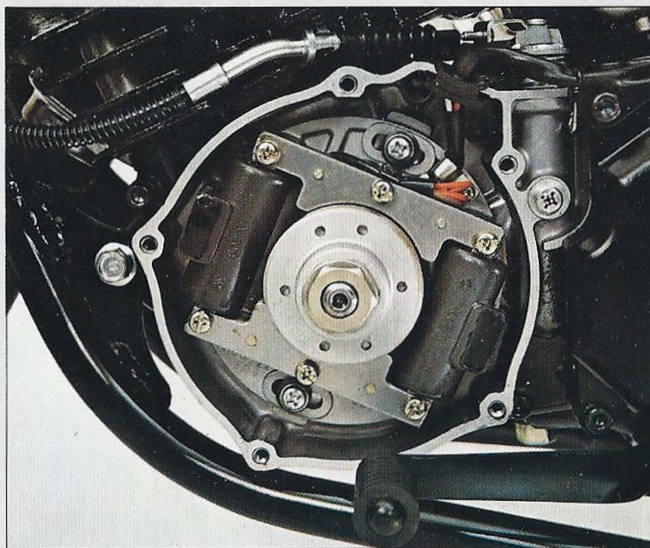
# ne that out pulls anything in its class.

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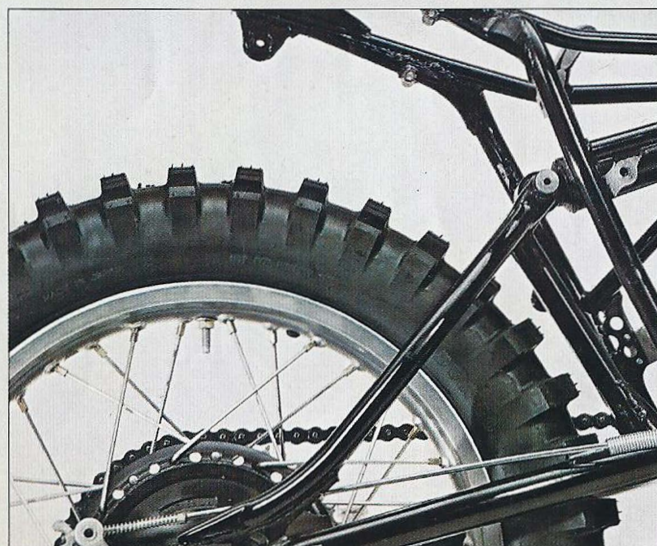
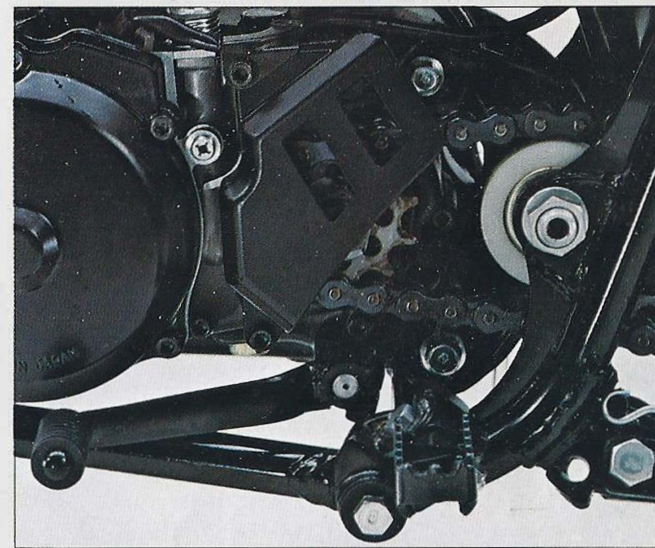
**Torque Induction**, Yamaha's exclusive intake system, utilizes reed valves to feed the engine the exact mixture of fuel and air it needs. The result is more horsepower, particularly at low rpms.



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



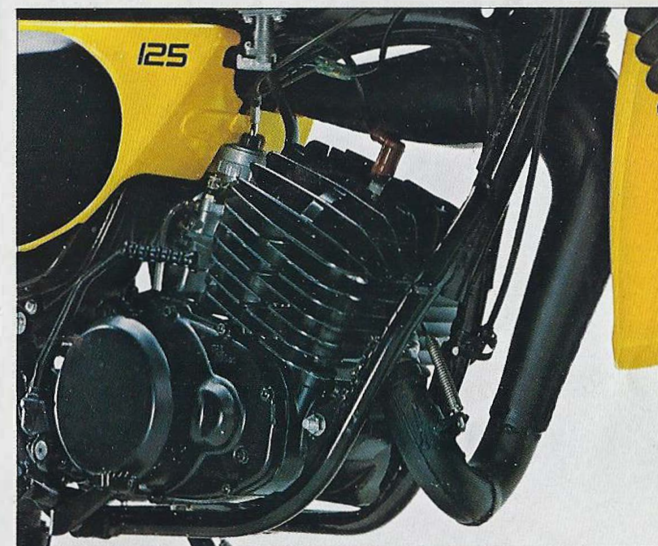
**Close-ratio six-speed transmission** allows the engine to run at its most efficient speed. The short-throw shift lever allows quick gear changes.



**De Carbon Monocross Suspension**, Yamaha's revolutionary suspension system, provides greater rear wheel travel for better control, more comfort and consistent traction over rough terrain.



**New Leading axle front forks** are air cushioned with increased travel for soaking up bumps. Conical hubs help reduce unsprung weight. And lightweight polypropylene fenders are virtually unbreakable.



**Expansion chamber** is more efficient in design. Improved cylinder porting, coupled with refined carburetion, deliver more horsepower than ever before.

## YZ 125

### ENGINE



Type .....	2 stroke, single
Displacement .....	123cc
Bore and Stroke.....	56 x 50mm
Compression ratio .....	7.7 : 1
Maximum torque .....	12.0 ft.-lbs. @ 10,000rpm
Carburetion .....	(1) Mikuni, VM32SS
Ignition .....	C.D.I.
Starting .....	Kick
Lubrication .....	Premix (20 : 1)
Transmission .....	6-speed

### CHASSIS

Overall length .....	81.7"
Overall width .....	35.4"
Overall height .....	46.3"
Wheelbase .....	55.1"
Ground clearance .....	11.0"
Dry weight .....	192lbs.
Fuel tank capacity .....	1.5 gals.
Suspension	
Front .....	Telescopic forks
Rear.....	Monocross suspension
Brakes	
Front .....	Drum
Rear.....	Drum
Tires	
Front .....	3.00 x 21
Rear .....	4.10 x 18
Color.....	Competition yellow

Specifications subject to change without notice.

Someday, you'll own a Yamaha.

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