

'75 MINI



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## YZ 80

In the sport of motocross the difference between winning and losing is measured in seconds. And the superior motocross machine is measured by the small differences that give the racer those extra seconds.

The new YZ80 is the ultimate of the motocrossers. It's a scaled-down version of the factory machines that brought Yamaha its national and international motocross championships. The YZ80 features a lightweight, high-tensile-strength tubular steel frame engineered to the same stress specifications as the full-sized works machines.

The YZ80 reflects the hand-craftsmanship necessary in the building of a truly professional motocrosser. Young, dedicated racers will have more than pride of ownership in Yamaha's finest small motocrosser. They'll also have those few extra seconds, alone, at the finish line.



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## GTMX

Yamaha didn't take a mini-bike and add motocross parts. They took a full-sized motocross machine and just scaled it down.

The features you'll find on the GTMX are the same ones you'll find on its bigger brothers: Torque Induction Yamaha's exclusive reed-valve system to supply more power and improved response at low RPM's; "AutoLube" to provide a perfectly adjusted fuel/oil mixture at every engine load and speed; Long travel front forks, heavy-duty rear shocks, double loop motocross frame.

Add up all the features and you have nothing but a true motocrosser. A competition machine that makes racing fun and rewarding for kids. Except, of course, for those kids who don't happen to be riding the Yamaha GTMX.

## GT 80

Yamaha knows the young enthusiast is more enthusiastic than any other rider. When the GT80 was designed, the engineers had him in mind.

The GT80 was built to take a heap of abuse—to stay together when other machines fall apart. In fact, the machine isn't so much an Enduro as it is a street-legal motocrosser. Same long travel front forks. Same double loop frame. Same heavy-duty shocks. Same powerful two-stroke engine, tough transmission and rugged overall construction.

The GT80 is the machine for the young rider, including a feature that lets him restart in any gear without having to find neutral first.

The only problem with the GT80 is keeping the overgrown kids from taking the GT80 away and riding it themselves.







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## TY80

Meet The Mini-Cat. The new Yamaha TY80. The perfect machine for beginners to learn good off-road riding techniques. To learn control and balance at slow speeds. The TY80 isn't just a scaled down version of the larger Cats. It's a mini-trials motorcycle in its own right. And like all The Cats, it has a strong frame design, ultralight components, and an exhaust tucked away, out of the way. Plus plenty of power through the entire rpm range. In fact, Yamaha's exclusive Torque Induction intake system coupled with an increased flywheel weight means The Cat can pull over logs and rocks with relative ease. And very quietly.

Ride the TY80. It's a small Cat made to handle the toughest obstacles.





# YZ80



## YZ80B ENGINE

Type	2-stroke, Torque Induction, Single
Displacement	72 cc (4.39 cu.in.)
Bore & Stroke	1.850 × 1.654 in.
Compression ratio	7.4 : 1
Max. torque	5.28 ft.-lb. @ 8,000 rpm
Lubrication system	Autolube
Starting system	Primary kick starter
Ignition system	Flywheel Magneto
Transmission	5-speed gearbox

## DIMENSIONS

Overall length	66.9 in.
Overall width	30.9 in.
Overall height	36.8 in.
Wheelbase	45.9 in.
Min. ground clearance	6.3 in.

## FUEL TANK

Capacity	1.1 U.S. gal.
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## OIL TANK

Capacity	0.3 U.S. qts.
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## TIRES

Front	2.50-16-4PR
Rear	3.00-14-4PR

Specifications subject to change without notice.

# GTMX



## GTMXB ENGINE

Type	2-stroke, Torque Induction, Single
Displacement	72 cc (4.39 cu.in.)
Bore & Stroke	1.850 × 1.654 in.
Compression ratio	6.8 : 1
Max. torque	4.0 ft.-lb. @ 6,000 rpm
Lubrication system	Autolube
Starting system	Primary kick starter
Ignition system	Flywheel Magneto
Transmission	4-speed gearbox

## DIMENSIONS

Overall length	61.0 in.
Overall width	27.2 in.
Overall height	36.6 in.
Wheelbase	41.1 in.
Min. ground clearance	7.7 in.

## FUEL TANK

Capacity	1.3 U.S. gal.
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## OIL TANK

Capacity	0.7 U.S. qts.
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## TIRES

Front	2.50-15-4PR
Rear	2.75-14-4PR

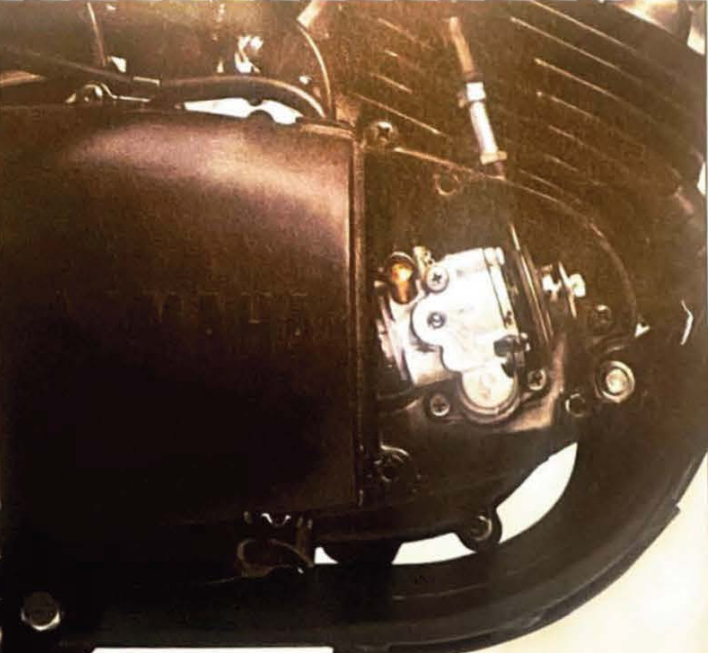
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# Features




**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 more horsepower, particularly at low rpm's.



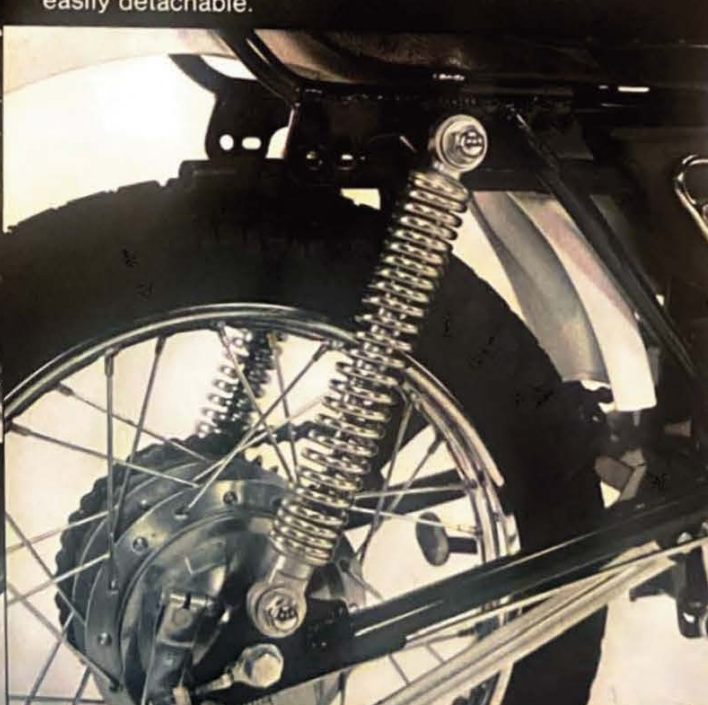
**Autolube**® constantly adjusts the flow of oil into the fuel mixture according to engine load and speed, resulting in increased engine life. For those who want to save a little weight and premix, the unit is easily detachable.




**Long travel front forks** soak up the hardest jolts. Without bottoming. These Yamaha forks track accurately and corner surely, without wallowing.



**Autolube**® constantly adjusts the flow of oil into fuel mixture according to engine load and speed, so engine life is extended. And there's no need to pre-mix.



**Heavy duty rear shocks** are designed to be comfortable under a kid, and still resist bottoming with an adult rider aboard. New muffler design cuts down noise, but not power.



**Long travel front forks** soak up bumps and resist bottoming, even with an adult rider. Brakes are waterproof, dustproof, and fade-resistant.



# GT 80



**GT80B PERFORMANCE**  
 Min. turning radius ..... 59.1 in.  
 Min. braking distance ..... 24.6 ft. @ 22 mph

**ENGINE**  
 Type ..... 2-stroke, Torque Induction, Single  
 Displacement ..... 72 cc (4.39 cu.in.)  
 Bore & Stroke ..... 1.850 × 1.654 in.  
 Compression ratio ..... 6.8 : 1  
 Max. torque ..... 4.0 ft.-lb. @ 6,000 rpm  
 Lubrication system ..... Autolube  
 Starting system ..... Primary kick starter  
 Ignition system ..... Flywheel Magneto  
 Transmission ..... 4-speed gearbox

**DIMENSIONS**  
 Overall length ..... 63.4 in.  
 Overall width ..... 27.2 in.  
 Overall height ..... 36.6 in.  
 Wheelbase ..... 41.1 in.  
 Min. ground clearance ..... 7.7 in.

**FUEL TANK**  
 Capacity ..... 1.3 U.S. gal.

**OIL TANK**  
 Capacity ..... 0.7 U.S. qts.

**TIRES**  
 Front ..... 2.50-15-4PR  
 Rear ..... 2.75-14-4PR

Specifications subject to change without notice.

# TY 80



**TY80B PERFORMANCE**  
 Min. turning radius ..... L.R. 70°  
 Min. braking distance ..... 24.6 ft. @ 22 mph

**ENGINE**  
 Type ..... 2-stroke, Torque Induction, Single  
 Displacement ..... 72 cc (4.39 cu.in.)  
 Bore & Stroke ..... 1.575 × 1.563 in.  
 Compression ratio ..... 7.0 : 1  
 Max. torque ..... 4.5 ft.-lb. @ 5,500 rpm  
 Lubrication system ..... Autolube  
 Starting system ..... Primary kick starter  
 Ignition system ..... Flywheel Magneto  
 Transmission ..... 4-speed gearbox

**DIMENSIONS**  
 Overall length ..... 61.4 in.  
 Overall width ..... 27.2 in.  
 Overall height ..... 35.0 in.  
 Wheelbase ..... 40.4 in.  
 Min. ground clearance ..... 8.7 in.

**FUEL TANK**  
 Capacity ..... 0.7 U.S. gal.

**OIL TANK**  
 Capacity ..... 0.2 U.S. qts.

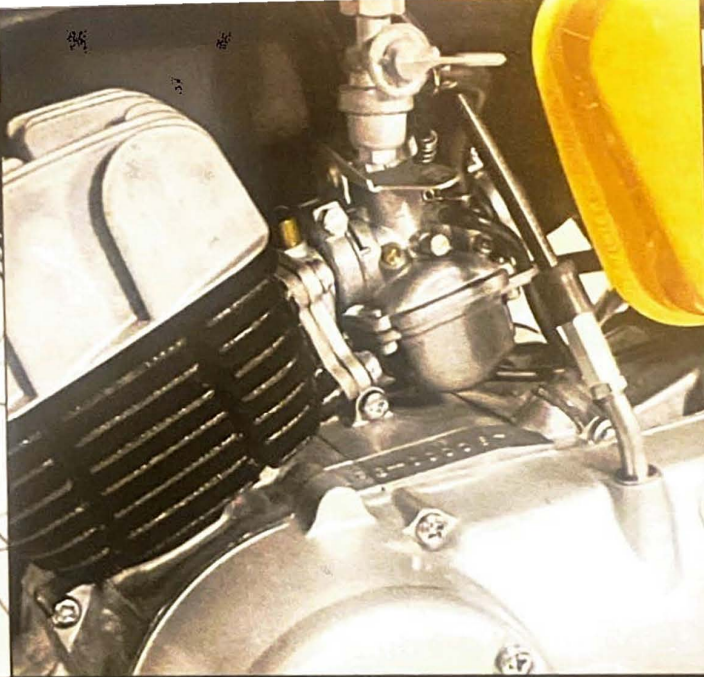
**TIRES**  
 Front ..... 2.50-16-4PR  
 Rear ..... 3.00-14-4PR

Specifications subject to change without notice.





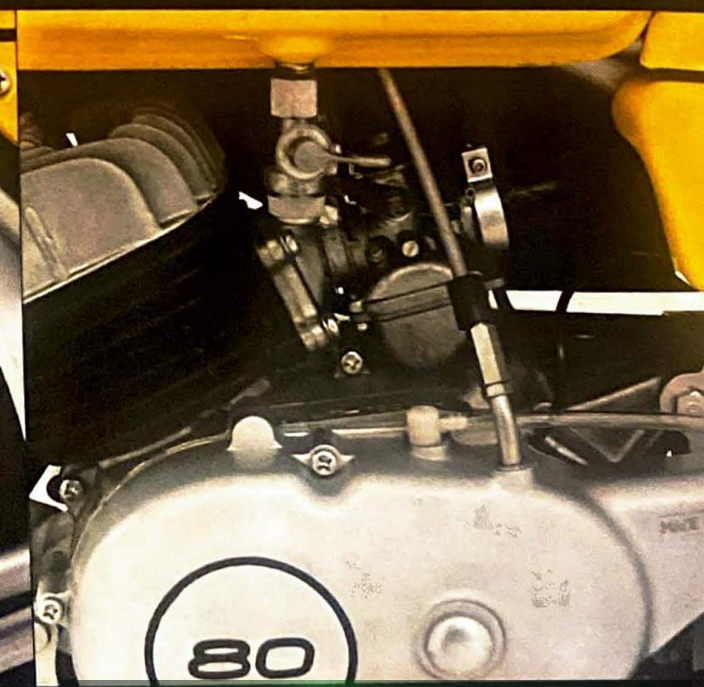
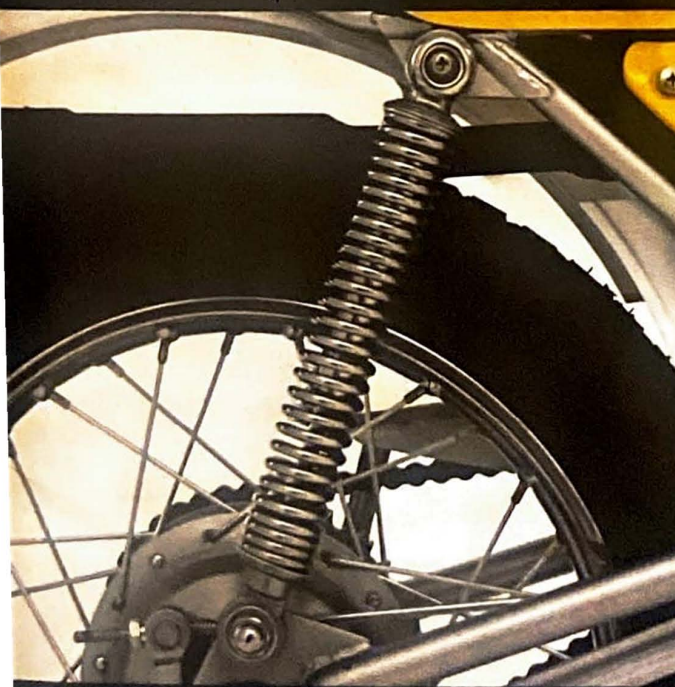
# Features



**Large diameter front brake** is water, dust, and fade-resistant. Long-travel front forks will soak up the hardest jolts and resist bottoming.

**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 more horsepower.

**Autolube**, a feature on most Yamaha two-stroke engines, automatically adjusts the flow of oil to engine load and speed, helping to extend engine life. And eliminating premixing.



**Special design rear shocks and front forks** have soft damping characteristics to maintain control on rugged terrain. And to help the wheels ride up over high obstacles easily.

**Torque Induction helps** the TY80 generate more low speed torque. **Large flywheel design and wide-ratio four speed transmission** also make for excellent low speed control.

**Trials type frame** has very high ground clearance, yet, because center of gravity is still relatively low, the TY80 is easy to balance, even at very low speeds.



**Someday, you'll own a Yamaha.**

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