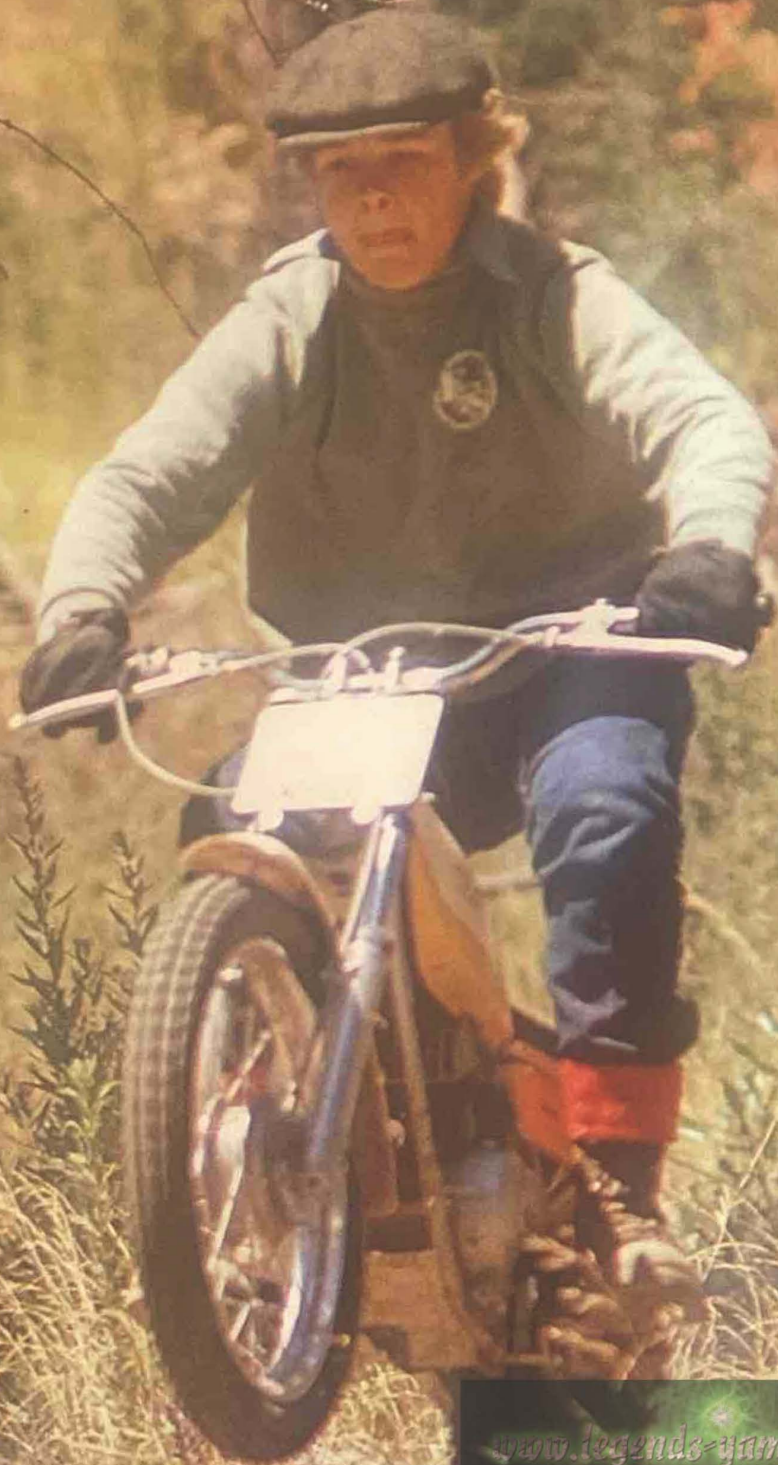


74 MINI



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GTMX

The GTMX is a true mini-motocrosser, with many of the features found on Yamaha's full-size MX's. Including Torque Induction[®], a unique reed valve intake system that helps the 80cc powerplant put more effective horsepower at the rear wheel, especially at low rpms. A four-speed transmission that's smooth-shifting and strong, like all Yamaha gearboxes. And Autolube[™], which extends engine life by constantly adjusting the flow of oil to engine load and speed. (And also eliminates premixing.)

From its long-travel front forks to its heavy duty rear shocks, the GTMX is every bit as much bike as its big brothers. And far too much fun to leave entirely to the kids.

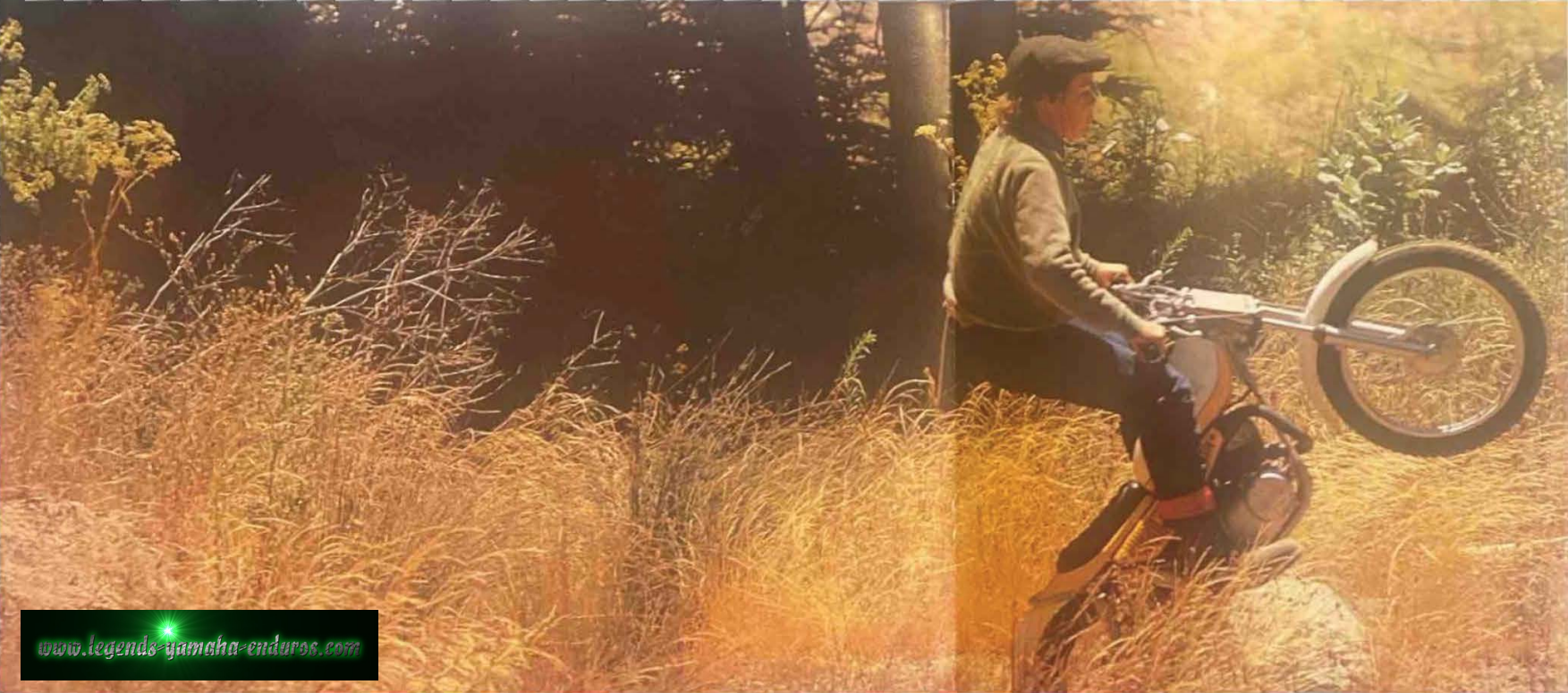
GT 80

A mini-Enduro that's as ruggedly built and carefully finished as the big Yamaha Enduros.

Because of Torque Induction[®], the engine produces remarkable torque for its size. Which not only makes it accelerate better, but also helps keep it from loading up and stalling, even at very low speeds. And, kids being kids, should it stall, you can restart the GT80 in any gear — no need to find neutral first.

The four speed transmission and the brakes are built far stronger than they have to be, just as on all Yamahas. The front forks and the shock absorbers are tough enough to take all the abuse handed out by an exuberant kid. (Or an overgrown kid.) And, the GT80 is completely street legal.





TY80

Trials riding is unquestionably the best place for the beginner to learn good off-road riding technique. Which is one reason why the new TY80 has special appeal as a bike for youngsters getting started in trail riding.

This authentic mini-trials bike has the same high ground clearance, low center of gravity frame configuration as Yamaha's new TY250. The same specially designed suspension. The same ultralight components. And the same large flywheel engine design, which combined with Torque Inductor[®] makes it pull hard at idle speeds.

The TY80's extremely light weight and excellent low speed handling make it a very safe motorcycle for young riders. And, like the TY250, it can negotiate terrain that stops other bikes dead in their tracks.



GT 80



GT80A

PERFORMANCE

Max. speed 47 mph plus
 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 x 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 2.50-15-4 PR
 Rear 2.75-14-4 PR

GTMX



GTMXA

PERFORMANCE

Max. speed 47 mph plus
 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 x 1.654 in.
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 Max. torque 4.0 ft.-lb. @ 6,000 rpm
 Lubrication system Autolube
 Starting system Primary kick starter
 Ignition system Flywheel Magneto
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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 2.50-15-4 PR
 Rear 2.75-14-4 PR

TY 80



TY80A

PERFORMANCE

Min. tuning 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 x 1.563 in.
 Compression ratio 7.0:1
 Max. torque 4.5 ft.-lb. @ 5,000 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.

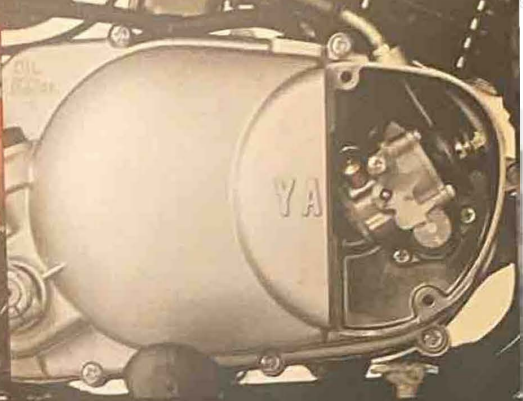
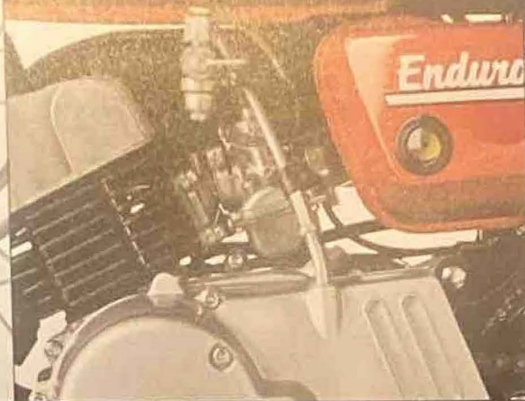
OIL TANK

Capacity 0.2 U.S. qts.

TIRES

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

Features



Complete instrumentation and lighting system includes high-low beam headlight, stoplight, tail light and turn signals.

Large diameter front brake is waterproof, dustproof, and fade-resistant. Long-travel front forks will soak up the hardest jolts. Without 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 all Yamaha two-stroke engines, automatically adjusts the flow of oil to engine load and speed, helping to extend engine life. And eliminating premixing

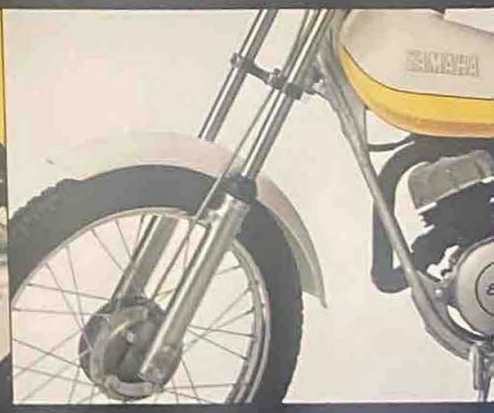
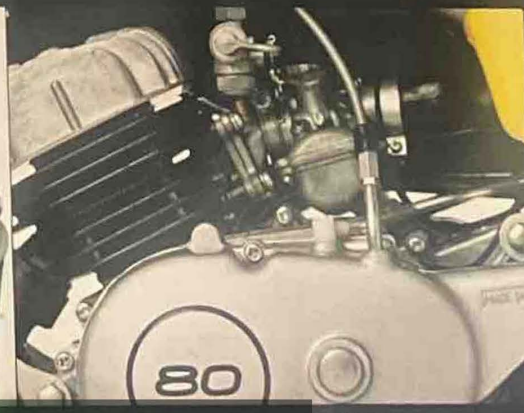
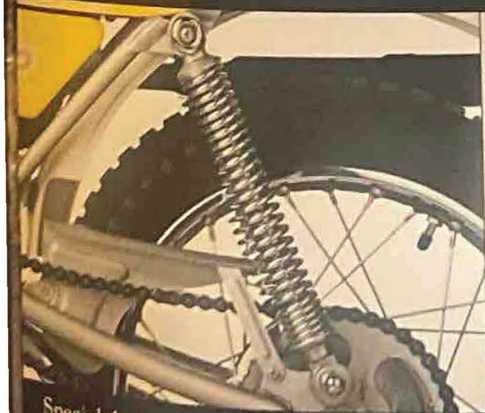


Torque Induction[®], Yamaha's unique reed valve intake system, feeds engine exact amount of fuel it needs and increases low rpm horsepower markedly.

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 not bottom with an adult rider aboard. New muffler design cuts down noise, but not power.

Long travel front forks soak up bumps without bottoming, even with an adult rider. Brakes are waterproof, dustproof, and fade-resistant.



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.

Slim trials saddle is a miniature of the TY250's. Although the TY80 is obviously designed for young riders, it is a true trials machine, from saddle to skid plate.

Torque Induction[®] helps the TY80 generate more low speed torque. Large flywheel design and close-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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