

 **YAMAHA** *Trial*
TY80A





YAMAHA *Trial* TY80A

The new TY80A Trails bike from YAMAHA is the ideal beginner machine for those who want to experience the real thrills of trials riding. This model is also superb for those who like camping out, hill climbing or riding across open fields... an all-'round family fun machine for those who are young, bringing an abundance of pleasure-filled excitement. The TY80A is a Trials mini that can be considered a smaller version of the larger and more powerful TY250A and even though it's a small bike, it offers all of the functional characteristics of the larger trials machines. Economical, scaled-down thrills and enjoyment in a more-than-quality package from YAMAHA.



YAMAHA *Trial* TY80A FEATURES



"Torque Induction" Engine

The "Torque Induction" engine which has been thoroughly designed and engineered for improved torque characteristics over the low-to-medium speed range.



Smooth-Operating Transmission

The 4-speed transmission, with the wet multi-plate hand clutch, will enable any rider to successfully negotiate all types of terrain.



Autolube

A first on any trials bike; automatic oil and gas mixing. The YAMAHA-developed Autolube system continuously monitors the engine speed and throttle opening to supply precisely the right amount of oil to be mixed with the gasoline all operating conditions.



Brakes

Both front and rear brakes are compact in size but powerful in performance. They are dustfree and waterproof for sure stops under varied trials conditions.



Frame

The double-cradle tubular frame has been designed more slim, but, with higher flexible strength, making it ideal for twists and turns in a tough trials section.



Special Trials Machine Feature

The drive chain tensioner works to check to a minimum the time loss of rear wheel driving in response to throttle opening.

SPECIFICATIONS

PERFORMANCE

Min. turning radius	..... L.R.70*
Min. braking distance	..... 7.5m @35km/h (24.6ft. @22mph)

ENGINE

Type	..... 2-stroke, Torque Induction, Single
Displacement	..... 72cc (4.39cu. in.)
Bore & Stroke	..... 47mm x 42mm (1.575 x 1.563 in.)
Compression ratio	..... 7.0:1
Max. horsepower	..... 4.9 hp @6,000rpm
Max. torque	..... 4.5ft.-lb @5,000rpm
Lubrication system	..... Autolube
Starting system	..... Primary kick starter
Transmission	..... 4-speed gearbox

DIMENSIONS

Overall length	..... 1,560mm (61.4 in.)
Overall width	..... 690mm (27.2 in.)
Overall height	..... 890mm (35.0 in.)
Seat height	..... 600mm
Wheelbase	..... 1,025mm (40.4 in.)
Min. ground clearance	..... 220mm (8.7 in.)
WEIGHT (Net)	..... 54kgs. (119 lbs.)
FUEL TANK CAPACITY	..... 2.5 lit. (0.7 U.S. gal.)
OIL TANK CAPACITY	..... 0.2 lit. (0.2 U.S. qt.)
TIRES	Front 2.50-16-4PR
	Rear 3.00-14-4PR

* Specifications subject to change without notice.



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