

YAMAHA TY175



www.kaymakci.com.tr

The perfect balance: Yamaha TY175

Yamaha's lightweight engineering and years of invaluable experience in off-road competition have enabled Yamaha to introduce, in the TY175, one of the most effective trail machines on the market. A slim, light, tight-frame steel frame with a specially developed engine perfectly geared for balance and maneuverability forms the basis of a dramatically effective competition machine. Refinements include a five-valve mixture injection system designed to produce a strong spark at low engine speeds and a chain sprocket in constant drive position. The TY175 has quickly become recognized as one of the finest lightweight trail machines in the world.



Engine

Yamaha's single-cylinder 171cc¹ engine has been specially developed to produce low-speed torque while retaining overall power throughout the rev range. Adjustable lubrication, resulting in under pressure from a separate tank, set into various retaining bar leads to a clean, well-lubricated response. Upper low-speed punch is guaranteed by Yamaha's Force Induction, four-valve cooling, which utilizes fluctuation to produce pressure to drive pistons the measure of fuel injected.

Transmission

A six-speed gearbox with carefully selected, widely spaced ratios enables the TY's power to be used effectively and through the machine's full rev range.



Special features

Street-legal specifications are well represented behind the TY's leg, ignition system, fitted by a crash-resistant mounted magnet, is specially designed to produce a fast spark at low engine speeds; chain tensioner, protects track and improves control; aluminum back plate protects engine; special timing system enhances operation of the primary coil.

Accessories

Heavy-duty long-travel front forks with dual, positive damping are used in conjunction with our own, capable of bearing all stresses.

Waxes

Yamaha's special lubrication, double-edge blades place on both front and rear chain prevent wear and fuel from penetrating.



Frame

Yamaha's experience in world-class trials, particularly in driving upon the development riding experience of Akira Yoshimura, has led to the creation of the TY's light, tight-frame steel frame. The engine is locked for optimum balance and maximum maneuverability and the machine as a whole has an exceptional power-to-weight ratio.

www.yamaha-motor.com

SPECIFICATIONS

ENGINE

Type	.....	Single, 4-cylinder
Displacement	.....	171 cc ¹
Bore x Stroke	.....	56 x 50 mm
Compression ratio	.....	10.5:1
Max. horsepower	.....	8.8 kW (12 PS) @ 1000 rpm/min.
Max. torque	.....	10.7 Nm (7.9 kg-m) @ 1000 rpm/min.

Lubrication system	.....	Automatic
Starting system	.....	Kick starter
Primary transmission	.....	Chain
Final transmission	.....	Chain
Gearbox	.....	6 speed
Clutch	.....	1502200
Clutch	.....	Multi-plate, wet
Clutching system	.....	Flywheel magneto
Ignition system	.....	Magneto

DIMENSIONS

Overall length	.....	1935 mm
Overall width	.....	675 mm
Overall height	.....	1,090 mm
Wheelbase	.....	1,295 mm
Seat height	.....	730 mm
Ground clearance	.....	245 mm
Weight (incl.)	.....	81.6 kg
Fuel tank capacity	.....	4.0 ltr.
Oil tank capacity	.....	0.5 ltr.

Tires

Front	.....	3.75-21-4PR
Rear	.....	4.00-18-4PR

Notes:

Front	Chain
Rear	Chain

* Specifications subject to change without notice.



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