

YAMAHA

# TY175JC

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[www.legends-yamaha-enduros.com](http://www.legends-yamaha-enduros.com)



**YAMAHA**

It's a way of life.

## Designed for functional versatility

Designed originally for off-the-road trials riding, the new TY175JC is now equipped with headlamp, stop light, front and rear turn flashers and speedometer making it street-legal and extremely versatile. Able to cross rough terrain with unbelievable agility, the TY175JC is not only a top contender in any trials event, but is also a dependable working bike for farms and ranches. Economical and highly maneuverable, this bike is built to perform where dependable performance is essential, and to offer pleasure plus an ability to go where other bikes would quickly fail.





## TY175JC

### PERFORMANCE

Min. turning radius ..... 1,500 mm  
Min. braking distance ..... 15 m @ 50 km/h

### ENGINE

Type ..... 2-stroke, 7-port, Torque Induction,\* Single  
Displacement ..... 171 cc  
Bore & Stroke ..... 66 x 50 mm  
Compression ratio ..... 5.9 : 1  
Max. torque ..... 1.3 kg-m @ 5,500 rpm  
Lubrication system ..... Autolube  
Starting system ..... Primary kick starter  
Transmission ..... 6-speed gearbox

### DIMENSIONS

Overall length ..... 1,955 mm  
Overall width ..... 820 mm  
Overall height ..... 1,125 mm  
Wheelbase ..... 1,265 mm  
Min. ground clearance ..... 270 mm

**WEIGHT (NET)** ..... 88 kgs.

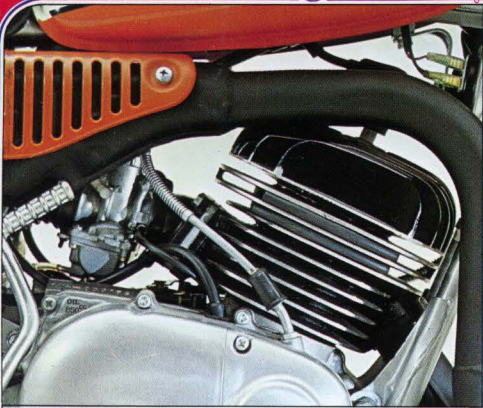
**FUEL TANK CAPACITY** ..... 4.0 lit.

**OIL TANK CAPACITY** ..... 0.3 lit.

**TIRES** front ..... 2.75-21-4PR

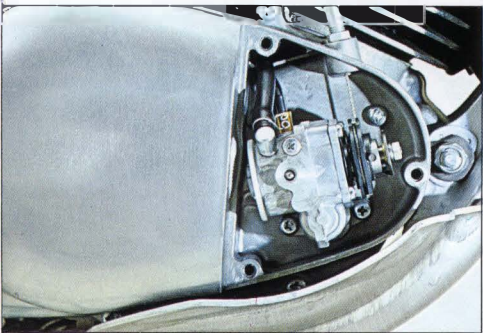
rear ..... 4.00-18-4PR

\* Specifications subject to change without prior notice.



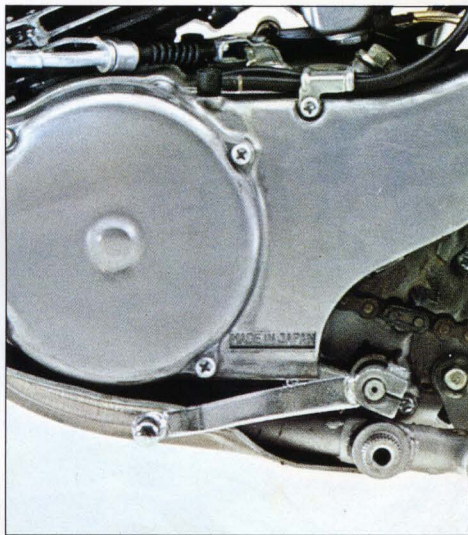
#### Torque Induction® Engine

Especially designed for trials riding, the rugged 2-stroke, single-cylinder engine is able to smoothly and positively operate from ultra-slow walking speed to making very good time in between sections. With excellent heat-dissipating characteristics and YAMAHA's original Torque Induction®, this engine is highly efficient and is able to maintain a uniform throttle response over the entire power band. Also, lightweight materials and construction techniques have been implemented to further increase the bike's power-to-weight ratio.



#### Autolube®

As a further convenience feature and to increase the operating efficiency of the engine, Autolube®, YAMAHA's exclusive oil lubrication system, is included on the bike. This system continuously monitors the speed of the engine and throttle opening, and automatically supplies a precise amount of oil, from a separate tank, to be mixed with the fuel. The result is a longer-lasting, cleaner-operating engine.



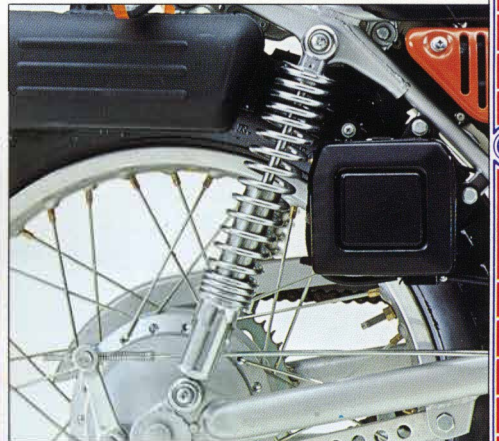
#### Transmission

The TY175JC features a 6-speed transmission with a wide overlap in between each range for optimum trials riding. Thoroughly engineered for exacting precision and long-term durability, each gear is especially heat-treated in YAMAHA's ultra-modern facilities. With the lower range of gears for sections and the higher for in between, the TY175JC is ideal for trials riding.



#### Long travel front forks and 21" wheel

Long travel front forks and 21" wheel take obstacles and road hazards in stride while contributing to easy handling and positive feel.



#### Rear Shock Absorbers

The bike uses highly responsive, outer-spring, hydraulically-damped rear shock absorbers which adequately cushion the bike while following the contour of the path, assuring excellent stability and balance. Also, these shocks are adjustable in 5-steps so that the tension of the rear shocks can more accurately match that of the section to be ridden.



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