



TT175



THE ENDURO MACHINE THAT'S AT HOME ON THE STREETS

The new IT175 is no mere cosmetic cover-up. It's a full-blooded competition motorcycle in street legal form, a machine designed and built from top to bottom for the serious enduro rider.

The refined two-stroke 171cc engine incorporates the Yamaha Energy Induction System which proved so successful on Yamaha's works motocrossers. The simple, maintenance-free YEIS smoothes out power delivery and improves mid-range engine performance — characteristics vital for an enduro machine. The chassis has also been improved to give more precise, positive handling. The rear suspension incorporates the latest developments in Yamaha's suspension engineering. Now, the unique Monocross suspension has special connecting arms that

The IT175 is fully street legal with lights and a speedometer.

link the box-section swing arm and the De Carbon type gas/oil strut. This new Monocross system provides rising-rate cushioning while extending the wheel movement to 270mm. Front suspension has also been refined with larger-diameter fork inner tubes and special reduced friction bushes. As you would expect on a competition-bred machine, the forks are air-assisted and the wheels are fitted with lightweight conical hubs.

It is perhaps in the detailed refinements that the IT175 most clearly reveals its competition heritage. Details like quick-release wheels, gear-activated throttle, rim saver tyres and lightweight sump guard, to name a few.

Finally, like all Yamahas, the IT175 is dramatically styled for looks that live up to its performance.

A comprehensive tool kit is supplied with the machine.

Air-assisted front forks have big 38mm-diameter inner tubes and anti-friction bushes. The new design allows 270mm of wheel movement.

Yamaha Energy Induction System provides a useful boost to mid-range power output.

New rising-rate Monocross suspension uses box-section swing arm and De Carbon type gas/oil strut which has adjustability for damping and spring preload. Extended 270mm wheel travel and progressive action improve the IT175's potential.

IT175 SPECIFICATIONS

ENGINE

Type	2-stroke, Torque Induction, single
Displacement.....	171 cc
Bore and stroke.....	66.0 x 50.0 mm
Compression ratio.....	6.4 : 1
Max. power (DIN).....	6.3 PS (4.6 kW) @6,000 rpm
Max. torque (DIN)	1.0 kg-m (10.0 Nm) @3,000 rpm
Lubrication	Premix
Carburetion.....	VM34
Ignition.....	CDI
Starter system.....	Kick
Fuel tank capacity.....	11.0 l
Transmission.....	6-speed
Final transmission	Chain drive

CHASSIS

Overall length	2,245 mm
Overall width.....	825 mm
Overall height.....	1,265 mm
Seat height.....	915 mm
Wheelbase	1,445 mm
Ground clearance.....	340 mm
Dry weight	100 kg
Suspension Front	Telescopic forks
Rear	Monocross suspension
Brakes Front.....	Drum
Rear	Drum
Tyres Front.....	3.00-21-4PR
Rear	4.00-18-4PR

Because of our ongoing efforts to make Yamaha motorcycles even better, specifications are subject to change without notice.



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