

TT490



# GUARANTEED TO MOVE YOU LIKE NOTHING ELSE.

Whether it's up hills, through traffic or in the midst of a hotly contested race, we'll guarantee that with the new IT490 you'll never run out of power. That's because our big 490cc powerhouse with a broad, smooth powerband delivers plenty of low-end torque and high speed response. So you can spend more time on the gas and less time shifting, there's a wide-ratio five speed transmission with a durable short-throw shifting mechanism. Our exclusive Yamaha Energy Induction System (YEIS) smoothes out the air/fuel intake flow, allowing for more torque on the low end where you need it most. And to keep all that power planted firmly on the ground, IT490 has our improved rising-rate Monocross rear suspension. One of the most effective, advanced and finely adjustable suspension systems ever devised. Other innovative features include air-assisted front forks, chromemoly frame and ADR lighting and instrumentation compliance. More powerful, lighter and with the sharp styling to turn heads everywhere, the new Yamaha IT490 is built to move you like nothing else.

Heavy-duty O-ring chain resists water and mud while reducing the need for oiling.

With the latest rising-rate Monocross rear suspension the damping, gas pressure and spring preload can be finely adjusted to any preference. Thanks to the new link mechanism, cushioning performance is smoother in the middle stroke range and, with the lowered centre of gravity and increased 300mm, wheel travel, handling is vastly improved.

Enlarged 18", 150/80 rear tyre assures unmatched handling and traction.

More powerful, the 487cc engine with YEIS guarantees greater torque at all speeds and spirited acceleration in any gear on the 5-speed transmission.

Our improved throttle mechanism is dust, mud and crud resistant.

IT490 meets all ADR requirements with a 25W covered headlamp, tail/brake lamp, turn indicators, odometer and horn.

Yamaha's exclusive YEIS smoothes out the intake flow for more torque at low and mid rpm's and smoother throttle response. It also saves gas to give more go in more ways than one.

Breakerless Capacitor Discharge Ignition produces hotter, more reliable and more efficient sparks and needs no maintenance.

Air-assisted front fork with 300mm of wheel travel assures optimum control even on the most demanding surfaces.

Double-leading shoe drum front brake for greater braking power.

## IT490 SPECIFICATIONS

### ENGINE

Type	2-stroke, single
Displacement	487 cc
Bore and stroke	87.0 x 82.0 mm
Compression ratio	6.7 : 1
Max. power (DIN)	19.0 PS (14.0 kW) @5,000 rpm
Max. torque (DIN)	3.22 kg-m (31.6 Nm) @2,000 rpm
Lubrication	Pre-mix
Carburetion	VM38
Ignition	CDI
Starter system	Kick
Fuel tank capacity	13.5 l
Transmission	5-speed
Final transmission	Chain drive

### CHASSIS

Overall length	2,190 mm
Overall width	870 mm
Overall height	1,300 mm
Seat height	945 mm
Wheelbase	1,485 mm
Ground clearance	340 mm
Dry weight	113 kg
Suspension	Front . . . . . Telescopic fork
	Rear . . . . . Monocross suspension
Brakes	Front . . . . . Drum
	Rear . . . . . Drum
Tyres	Front . . . . . 3.00-21-4PR
	Rear . . . . . 150/80-18-4PR

Specifications and appearance of Yamaha motorcycles shown in this catalog may differ according to local requirements and conditions and are subject to change without notice. For further details, please consult your Yamaha dealer.

Cover photo: US specifications  
Always wear a helmet and eye protection.

