

YAMAHA

DT400D

YAMAHA TRAIL

YAMAHA



www.legenda-yamaha-enduros.com



YAMAHA

It's a way of life.

Designed to reach theoretical limits

With motorcycle sports continuing to even further expand in off-the-road operation, YAMAHA engineers have also continued in their development of better mechanisms. This can be seen in such improvements on the new DT400D as its more durable front forks with a longer stroke, "monocross" rear suspension system to increase the vertical travel of the rear wheel, continuously-variable rear spring constant to match the road or path traveled, and the machine is lighter and easier to handle this year with aluminum wheel rims front and rear. Maintenance, when necessary, has been simplified with the addition of a more easily removable rear wheel. The rear flashers are shock mounted in rubber for added bike protection, and the engine has undergone a complete change yielding a lighter more powerful design.

Top quality, top design and top performance... YAMAHA's new DT400D



DT400D

PERFORMANCE

Max speed	135 km/h
Climbing ability	35.0%/r/min
Min turning radius	2.200 mm
Min braking distance	15 m @ 80 km/h

ENGINE

Type	2-stroke, 7 port Torvald induction	Single
Displacement	397 cc	
Bore & Stroke	85 x 70 mm	
Compression ratio	6.4:1	
Max torque	3.0 kg-m @ 5,000 rpm	
Lubrication system	Automatic*	
Starting system	Primary kick starter	
Transmission	5-speed gearbox	

DIMENSIONS

Overall length	2,185 mm
Overall width	870 mm
Overall height	1,165 mm
Wheelbase	1,415 mm
Min ground clearance	255 mm
WEIGHT (incl fuel)	122 kgs
FUEL TANK CAPACITY	9.5 L
OIL TANK CAPACITY	1.1 L
TIRES Front	3.00-21-4PR
Rear	4.00-18-4PR

*Optional. Subject to change without prior notice.



Engine

With lighter piston and connecting rod material plus a radial head-fin design, the large 2-stroke engine has less vibration, less noise and better heat dissipating characteristics.

Built with the same precision engineering that has moved YAMAHA among the world's top manufacturers, this powerhouse responds quickly and smoothly carrying rider and load over the roughest trails or up the steepest hills.



Torque Induction[®]

The Torque Induction[®] system with reed-valve intake mechanism assures that burned gases are completely purged from the engine and that fuel is supplied on demand. The purging is due to a unique porting arrangement which literally jets away burned gases, and fresh fuel is supplied through the pressure-sensitive reed-valve mechanism which is only open when fuel is required. Torque is increased over the lower- and middle-speed ranges and blow-back through the carburetor is eliminated.



Transmission

The 5-speed transmission has specially selected gears that allow a comfortable overlap in between shifts. Utilizing electrically tempered materials, the transmission is highly durable with lasting positive-shifting characteristics, and is the perfect complement to the 2-stroke engine.



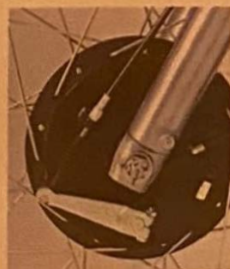
Autolube[®]

Continuously monitoring the rotational speed of the engine and the throttle opening, Autolube[®] precisely controls the amount of oil, from a separate tank, to be mixed with the gasoline. This automatic gasoline and oil mixing system, which was developed by YAMAHA, improves engine operation by maintaining optimum performance under all riding conditions.



Front forks and high-rise front fender

Designed to absorb a wide variation of shocks and vibration, the enduro front forks help reduce rider fatigue while maintaining maximum stability. These forks have a long stroke enabling comfort plus maneuverability for all types of road or trail travel, and the high-rise front fender is durable and installed so that the front wheel will not clog with mud or brush.



Brakes

For problem-free trail riding, the brakes, front and rear, are water- and dustproof. Also, they have an optimum shoe area that allows maximum heat dissipation without causing the brakes to grab or lock up. Riding safety and pleasure are increased with these brakes which offer smooth controlled stops under all riding conditions.



Monocross[®] Suspension System de Carbon
New Monocross[®] Suspension, the same as used on Yamaha's national and international MX winners allows 7¼" of rear wheel travel. The lower end of the shock mechanism attaches to a special triangulated rear arm. The top end is connected forward under the tank area, providing a longer stroke capability that insures more traction by helping keep the rear wheel and power on the ground. The nitrogen/fluid system within the shock provides superior fade-resistant dampening.



Speedometer and tachometer

Shock mounted and where they can be easily seen, the precision speedometer and tachometer give a quick overview of machine performance. Also, these instruments can be utilized as indicators for optimum shifting points.



Flashers

The new rubber-protected flashers, specially designed and built through Yamaha's long, successful experience of off-road motorcycles. Every impact or shock can be softened or absorbed efficiently under the most punishing terrain condition. There are also free from damage even in the case of falling.



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