

2009

TMAX







The Art of Engineering

At Yamaha, we aspire to create exciting machines for this fast-moving world. To look into the future and see ways of making life better for our customers. To create dynamic and inspirational machines that seamlessly fit into our lives and bring freedom, fun and fulfilment to us all.

We invest passion into everything we build, and focus on jewel-like engineering. This philosophy of precision and perfectionism has been sparking two-wheeled innovation at Yamaha for over 50 years.

Innovation is a key element in our dynamic 2009 scooter range.

Making scooters is a skill, but making scooters like the TMAX work as well as they do is an art.

The art of engineering.



***What you need = what you want.
The ultimate solution. TMAX.***

What you need isn't always what you want. What you need in your scooter is manoeuvrability, ease of use and enough refinement to take the stress out of a difficult commute. You need real protection in inclement weather, and enduring comfort in all weather. Reasonable running costs. The potential to carry cargo. Secure handling that will never give you a moment's concern, even in bad conditions. The ability to get you – and, on occasion, someone else – to any appointment with unquestioning reliability.

That's what you need in your scooter. Now, here's what you want. You want to experience effortless performance. You want to feel the surge of serious torque, the thrill of controllable power. You want world-class handling and braking. A direct connection between your hands and the road. You want to be able to blow away the cobwebs after a tough week. You want freedom.

Congratulations, you've just found what you're looking for. TMAX.





The power in the soul

The TMAX's liquid-cooled 499cc engine is a shining example of utterly focused Yamaha engineering. The parallel layout of the twin cylinders optimises midrange torque. Double overhead cams guarantee precise and efficient actuation of the four valves in each cylinder head. Fuel injection boosts torque in the mid to low speed range. The result: a strong 43.5PS peak power, 46.4Nm of torque, dominant passing ability and performance that's more like a motorcycle than a scooter. And it sounds pretty good too.

Generous power characteristics make the TMAX engine a perfect key to unlock the challenge of metropolitan traffic. In combination with the lightweight TMAX chassis and automatic gearbox, the engine's response to throttle inputs is instant and decisive, giving you a wonderfully relaxed ability to cut through any gridlock with clean, crisp moves.





The TMAX is different. Whether you're moving up to the TMAX from a smaller scooter or across to a TMAX from a motorcycle, you'll be amazed by its panoramic breadth of abilities. For this you can thank the whole TMAX package: the rigid lightweight chassis, the ultra-direct steering, the extraordinary comfort, and the dominating power of the engine.





Superb handling and braking characteristics form the bedrock of the TMAX's outstanding dynamic properties. A 15inch front wheel delivers the perfect compromise between stability and quick steering response. Brakes are full motorcycle-specification: twin 267mm discs on the front, and a single 267mm disc on the rear. There's even an ABS version of the TMAX for the worst of the weather.

TMAX's unique and innovatively diecast aluminum frame is both immensely strong and remarkably light. It's the best recipe for agile low-speed manoeuvrability and that reassuring feeling of security at higher speeds for which the TMAX is rightly renowned. A 15-litre fuel tank sits low in the frame to reduce the centre of gravity and optimise handling.



TMAX suspension plays a dual role in lifting both handling and comfort to new levels of excellence. The cushioned ride from the strong rear shock is brilliantly complemented by wide-gauge front fork tubes that are highly resistant to twisting, keeping the front wheel tracking straight and true even when negotiating badly broken surfaces.



TMAX instrumentation is class-leading in its coverage, build quality and visual appeal. Red-backlit at night, fuel and coolant temperature gauges flank the speedometer which features an integrated revcounter which compliments the high-performance nature of the TMAX. There's a digital trip meter and clock too accessible via the dial mounted buttons.



As you'd expect from our most exclusive scooter, extensive thought has gone into even the most minor details. The underseat storage is illuminated and hinges on gas struts from the back to enable easier access. Whilst the two glove boxes up front will carry all those day to day items. Passengers will enjoy the ride too with a sculpted seat, fold-out foot rests and sturdy grab rails.



TMAX bodywork design incorporates Yamaha's trademark 'twin eye' headlight arrangement and sharp rear light cluster. The wind-cheating bodywork has been honed to keep the worst of the elements away from the rider. At the rear, the exhaust muffler is positioned high up to ensure better ground clearance during cornering whilst producing a deep throaty growl under acceleration.





Colours:

Extreme Yellow (RYC1)

Stealth Metal (MNM1)

High Tech Silver (HTS)

TMAX

Engine

Type:	Liquid cooled 4 stroke 2-cylinder
Displacement:	499.0 cc
Bore x stroke:	66.0 x 73.0 mm
Compression ratio:	11.0 : 1
Max. Power:	32.0 kW @ 7,500 rpm
Max. Torque:	46.4 Nm @ 6,500 rpm
Lubrication system:	Dry sump
Fuel supply system:	Fuel Injection
Ignition system:	T.C.I.
Starter system:	Electric
Fuel capacity:	15.0 litres
Transmission system:	V-Belt Automatic

Chassis

Overall size (L x W x H):	2,195 x 775 x 1,445 mm
Seat height:	800 mm
Wet weight (incl. full oil and fuel tank):	221 kg (ABS: 225 kg)
Wheelbase:	1,580 mm
Min. ground clearance:	125 mm
Front suspension:	Telescopic fork
Front wheel travel:	120 mm
Rear suspension:	Swingarm
Rear wheel travel:	116 mm
Front brake:	Dual disc Ø 267 mm
Rear brake:	Single disc Ø 267 mm
Front tyre:	120/70-15
Rear tyre:	160/60-15



Colours:

Midnight Black (SMX)

Yamaha offers a wide range of genuine factory accessories. These allow you to personalise your TMAX to your own lifestyle.





TMAX

www.yamaha-motor-europe.com



Disclaimer:

Always wear a helmet, eye protection and protective clothing. Yamaha encourage you to ride safely and respect fellow riders and the environment. Images shown in this brochure depict professional riders performing under controlled conditions. Specifications and appearance of Yamaha products as shown here are subject to change without notice and may vary according to requirements and conditions. For further details, please consult your Yamaha dealer.

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YAMALUBE

YAMAHA
Parts & Accessories

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Dealer: