

2009  
**UMAX**

 **YAMAHA**



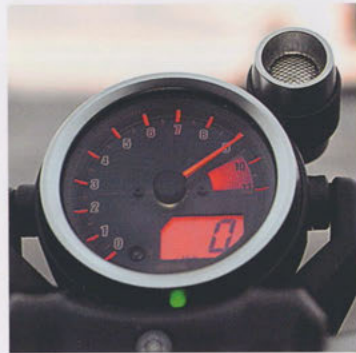
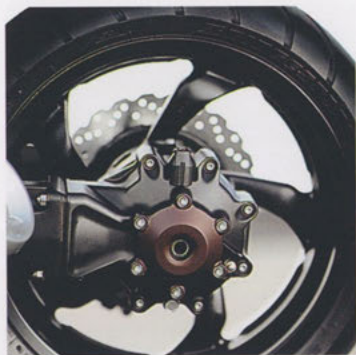




The concept of the VMAX was born after Yamaha's development team came across American street drag racers. The bike they built became a cult as soon as it hit the streets in 1985. The new VMAX stays true to the philosophy of the genuine hot-rod. Grab the drag bars and feel the mega wide 200/50 R18 rear tyre transfer all the V4's incredible 200 PS and 166.8 Nm of throbbing torque to the ground. You'll instantly know the new VMAX has all the attitude and unmistakable style of the iconic original but with a specification packed with state-of-the-art technology, it's the ultimate adrenaline ride.

The VMAX is back.

**VMAX** is back




Power, acceleration and adrenaline. That's what the VMAX delivers. Yamaha has utilised some of its finest and most recent technological advances to ensure the new VMAX makes as much of a show-stopping, heart-thumping impression as the original did over 20 years ago. And the experience gained over those decades means the VMAX has a chassis engineered to give riders the same incredible levels of performance, precision, excitement and raw thrills on the road as the V4 engine delivers on the drag strip.

**Power.**  
**Acceleration.**  
**Adrenaline.**



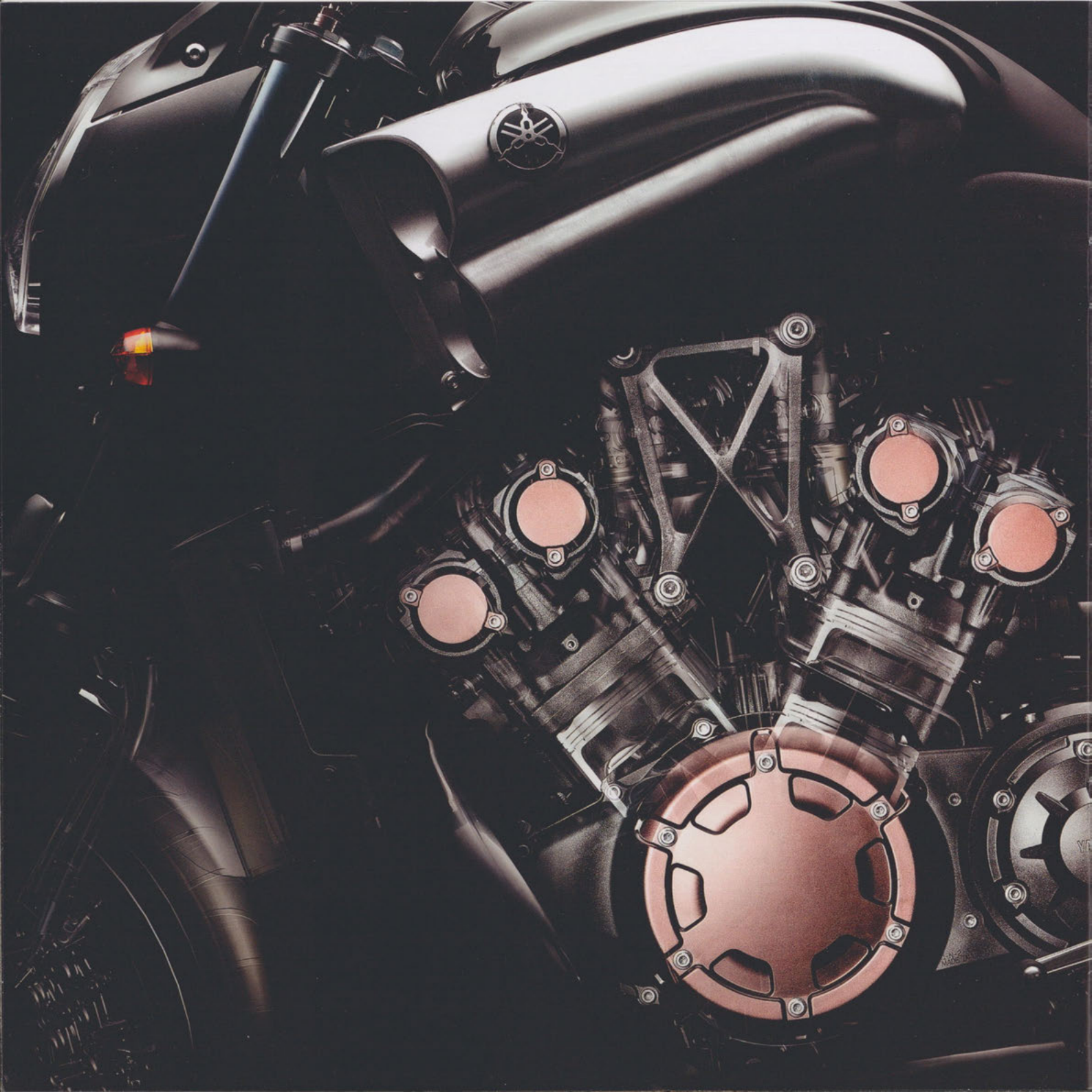




A dynamic, low-angle photograph of a motorcycle track. The foreground shows a blurred motorcycle wheel and tire on the left. The track surface is dark and shows motion blur. In the background, a white barrier or wall is visible, with the text "600 c.i." printed on it. The sky is bright and hazy. The overall composition conveys a sense of speed and motion.

Professional rider performing on a closed track

meet the **MAX**







VMAX uses Yamaha's latest electronic control technology. YCC-I (Yamaha Chip Controlled-Intake) allows the V4 fuel-injected engine\* to produce astonishing low rpm and mid-range performance plus explosive top end – a servomotor shortens the intake funnels at 6,650 rpm for radical high-rpm horsepower.

YCC-T (Yamaha Chip Controlled-Throttle) allows VMAX to unleash awesome acceleration every time you open the throttle. YCC-T's rapid processing power analyses engine-running conditions every millisecond to calculate what's needed for maximum acceleration exhilaration.

The aluminium VMAX frame is tuned for ideal rigidity balance and for superb handling on winding roads. The engine is mounted lower and forward for responsive steering. It also has high quality, fully adjustable suspension. The VMAX wasn't engineered just for straight lines.

The new VMAX is packed with the highest quality components designed and engineered to deliver experience after experience. Equipment like six-piston Brembo calipers and hand-finished air intakes. Plus it has a three-way catalyser and O<sub>2</sub> sensor to ensure the VMAX passes EU3 regulations.

For more in-depth technical and purchase information please visit [www.new-VMAX.com](http://www.new-VMAX.com) or contact your local Yamaha Dealer.

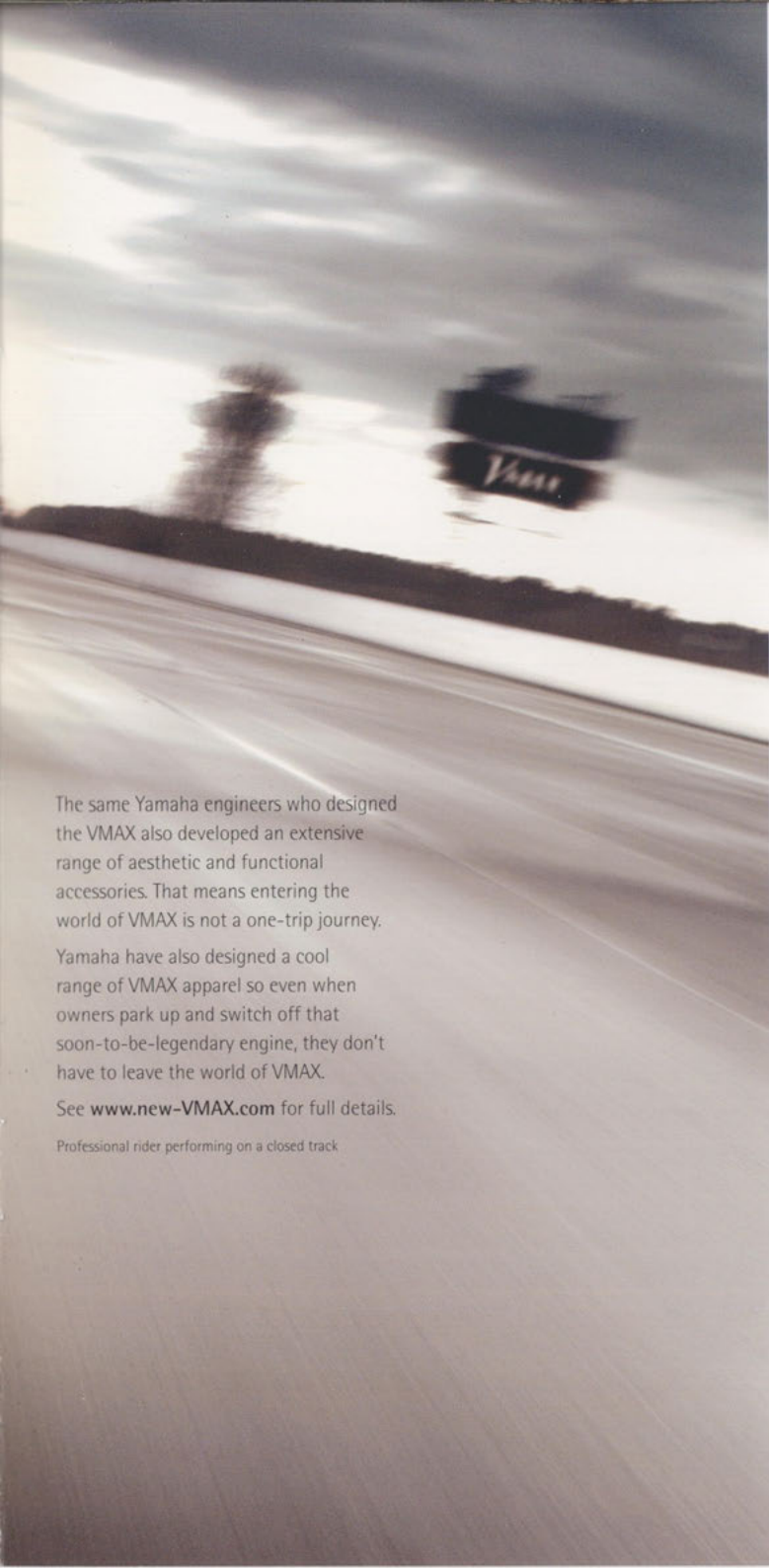


*\* Top speed disclaimer: The VMAX has a governed top speed of 220 km/h, by a smart system, that still allows a complete quarter-mile run under full acceleration.*

**Under the skin**



*Accessories  
and technical  
specification*



The same Yamaha engineers who designed the VMAX also developed an extensive range of aesthetic and functional accessories. That means entering the world of VMAX is not a one-trip journey.

Yamaha have also designed a cool range of VMAX apparel so even when owners park up and switch off that soon-to-be-legendary engine, they don't have to leave the world of VMAX.

See [www.new-VMAX.com](http://www.new-VMAX.com) for full details.

Professional rider performing on a closed track

#### ENGINE

|                         |   |
|-------------------------|---|
| Type                    | Liquid-cooled, 4-stroke, DOHC, 4-valve, V-type 4-cylinder |
| Displacement            | 1,679 cc  |
| Bore & stroke           | 90.0 x 66.0 mm  |
| Compression Ratio       | 11.3:1  |
| Max. power              | 147.2 kW (200 PS) @ 9,000 rpm                             |
| Max. torque             | 166.8 Nm (17.0 kg-m) @ 6,500 rpm                          |
| Lubrication             | Wet sump  |
| Carburettor/Fuel supply | Fuel injection  |
| Clutch type             | Wet, multiple-disc diaphragm spring                       |
| Ignition                | T.C.I.  |
| Starter system          | Electric  |
| Transmission            | Constant mesh, 5-speed                                    |
| Final transmission      | Shaft drive   |

#### CHASSIS

|                    |                                 |
|--------------------|---------------------------------|
| Frame              | Aluminium, Diamond-shaped       |
| Front suspension   | Telescopic forks, Ø 52 mm       |
| Front wheel travel | 120 mm                          |
| Rear suspension    | Swingarm (Link-type suspension) |
| Rear wheel travel  | 110 mm                          |
| Caster angle       | 31°                             |
| Trail              | 148 mm                          |
| Front brake        | Dual discs, Ø 320 mm            |
| Rear brake         | Single disc, Ø 298 mm           |
| Front tyre         | 120/70 R18M/C (59V)             |
| Rear tyre          | 200/50 R18M/C (76V)             |

#### DIMENSIONS

|   |            |
|---|------------|
| Overall length                                | 2,395 mm   |
| Overall width                                 | 820 mm     |
| Overall height                                | 1,190 mm   |
| Seat height                                   | 775 mm     |
| Wheelbase                                     | 1,700 mm   |
| Min. ground clearance                         | 140 mm     |
| Wet weight (including oil and full fuel tank) | 310 kg     |
| Fuel tank capacity                            | 15 litres  |
| Oil capacity                                  | 5.9 litres |

# VMAX

www.new-VMAX.com

# YAMAHA



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.

yamaha-racing.com

**YAMALUBE**

**YAMAHA**  
GENUINE  
Parts & Accessories

Yamaha highly recommend the use of genuine Yamaha accessories and clothing. Contact your local dealer or visit our website:  
[www.yamaha-motor-acc.com](http://www.yamaha-motor-acc.com)