



## V MAX your torque.

Sophisticated, state-of-the-art engineering can be packaged to look great, a fact proved by our impressive new V MAX SHO line-up. These advanced technology, 4-cylinder, 16-valve EFI engines conceal awesome out-of-the-hole performance, acceleration and speed within their sleek, streamlined designs.

The powerful V MAX SHO engines have been specially designed to deliver the exhilarating, wind-in-the-hair performance sought after by owners of today's fastest sports, fishing and adventure boats. The option of a 25-inch shaft available across this dynamic new range adds a further competitive edge.

Despite its sleek looks and aggressive performance, a V MAX SHO still delivers everything the world has come to expect from a Yamaha 4-stroke engine – smooth, whisper-quiet operation, impressive fuel economy, high-Amp electrical charging capacity - and reliability that is simply second to none.



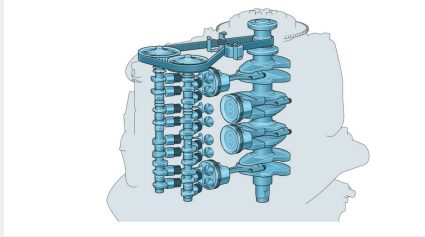
- Compact design – more power delivered for less weight
- Class-leading torque and high-speed performance
- Tuned for out-of-the-hole performance on light boats
- Smooth and quiet - for relaxed boating and fishing
- Distinctive & well-known 'V MAX SHO' cowling design
- High output 50A alternator – power from low RPM
- Unmatched Yamaha reliability

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2.8 litres, 175cc, compact body and signature design – the V MAX SHO 175 accepts no compromise. It has an amazing power-to-weight ratio and is expertly designed to deliver its unique acceleration in a clean, efficient and quiet way.

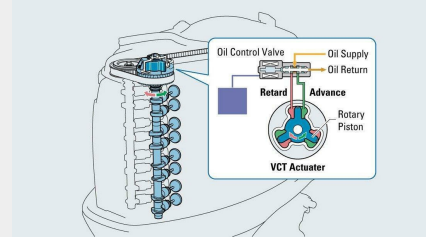
The streamlined cowling design, with aggressive, stylish V MAX graphics, conceals advanced technology features like a 16-valve, double-overhead cam engine layout with variable camshaft timing and electronic fuel injection - but there's no hiding the blistering acceleration and heart-pumping top speed.

From a practical viewpoint too, this is no ordinary outboard. For example, the 3-phase, high-power (50A) alternator provides plenty of juice to power all the on-board electronics. What's more, it delivers enough power to charge your batteries even at trolling speed, so you will never run out of power.



## Double Overhead Camshaft with Four Valves Per Cylinder

The 175 is the most powerful V MAX SHO and features our advanced 2.8 litre, 4-cylinder, 4-stroke engine, with 16-valves, double-overhead cam (DOHC) layout and counter-balance shafts. The result is ultra-smooth performance across the power spectrum. The powerhead design is based on Yamaha's well proven four-stroke technology, so quiet reliability is also assured.



## VCT and multi-point EFI

VCT (Variable Camshaft Timing) allows for perfect adjustment of air intake and exhaust timing to deliver optimum performance across the whole RPM range. The EFI (Electronic Fuel Injection) system ensures quick starts and consistent power, with optimum fuel efficiency and ultra-low emissions.



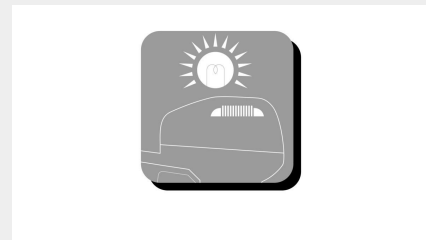
## Lighter weight pays dividends

Yamaha's engineering team has been focusing on reducing weight – not only by reducing all unnecessary metal on the V MAX SHO engines, but also by developing a lighter lower pan and cowling in composite materials, a single-ram power trim and tilt mechanism and a lighter mounting bracket.



## Unique Yamaha 'V MAX SHO' cowling design

Featuring Yamaha's already famous 'V MAX SHO' metallic black and red cowling, the new range shows off its heritage strongly, but the latest cowl design features a dynamic, aggressive and sporty new graphics scheme that makes a real statement. On the transom of your boat it clearly says "This is no ordinary outboard" – and it isn't!



## High-power 50 Amp alternator

We want to make sure you never lack power for starting, battery charging or running accessories when you're out on the water, which is why we equip the V MAX SHO 150hp with a three-phase alternator. With its 50 Amp capacity, it even has the power to charge your batteries at trolling speed. That's called peace of mind – and you can expect it when you own a Yamaha.



## Compatibility with a wide range of gauges

The very latest technology is incorporated in our models, so the V MAX SHO 175hp is compatible with a very wide range of Yamaha's exclusive digital control systems and gauges, from 6Y8 up to the newest CL5/CL7 gauges and displays. So when it comes to having clear, accurate engine data and performance information to help you run the boat, Yamaha systems are unmatched.

## Engine

Engine type	4-stroke
Displacement	2.785cc
No. of cylinders/Configuration	4/in-line, 16-valve, DOHC with VCT
Bore x stroke	96,0 x 96,2 mm
Prop shaft output at mid range	128.7 kW / 175 HP
Full Throttle Operating Range	5000 - 6000 r/min
Lubrication system	Wet sump
Fuel Induction System	EFI
Ignition / advance system	TCI
Starter system	Electric with Prime Start™
Gear ratio	1.86 (26/13)

## Dimensions

Transom height	L: 516mm / X: 643 mm
Oil pan capacity	4.5L / 4.3L
Weight without propeller	227kg

## Additional Features

Control	Remote Control
Trim & Tilt method	Power Trim & Tilt
Light coil / Alternator Output	12V - 50A w. rectifier / regulator
Engine immobilizer	YCOP optional
Propeller	Optional
Variable Trolling Speed	With DN Gauges or m-f tiller handle
Shallow Water Drive	Standard
Digital Network Gauge (6Y8/6YC)	Standard
Tilt limiter	Optional
Shift Dampener System (SDS)	Optional



# V MAX SHO 175

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