



## Satisfy your hunger for power.

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.



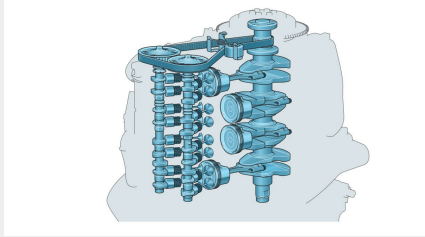
- Compact design – more power delivered for less weight
- Class-leading torque and high-speed performance
- Tuned for out-of-the-hole performance on light boats
- Distinctive & well-known 'V MAX SHO' cowling design
- High output 50A alternator – power from low RPM
- Unmatched Yamaha reliability

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The 2.8 litre V MAX SHO 150 engine not only achieves exceptional power output, but delivers it efficiently, cleanly and quietly. The streamlined design conceals a 16-valve, DOHC format with variable camshaft timing and EFI. Result? Awesome acceleration, breathtaking top speed – and huge excitement!

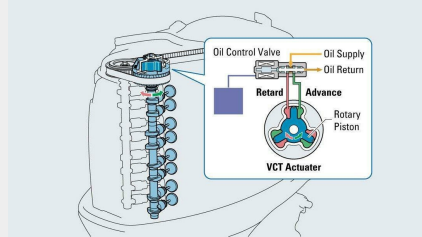
Created with the objective to ideally suit today's breed of faster, more lightweight sport boats, the V MAX SHO 150 is engineered to be a quiet and compact, low weight and mighty powerful all-rounder.

For potent performance right across the power band, the model incorporates Variable Camshaft Timing (VCT) technology, which adjusts the mixture of fuel and air in the cylinders to perfection. For you, this means constant, heart-pumping torque all the way from zero to top speed.



## DOHC design with 4 valves per cylinder

The V MAX SHO 150hp features Yamaha's advanced 2.8 litre, 4-cylinder, 4-stroke engine, with 16-valves, double-overhead cam (DOHC) layout and counter-balance shafts. The result is better breathing for better performance across the power spectrum. The V MAX SHO 150hp powerhead design is based on Yamaha's well proven four-stroke technology, so quiet reliability is 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.



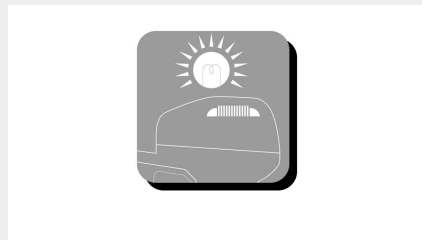
## Lighter weight pays dividends

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 150hp 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 | 110.3kW / 150 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                     | 2.0 (28/14)                        |

## Dimensions

|                          |                      |
|--------------------------|----------------------|
| Transom height           | L: 516mm / X: 643 mm |
| Oil pan capacity         | 4.5L / 4.3L          |
| Weight without propeller | 223kg                |

## 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 150hp

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