



## Extending the boundaries.

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.



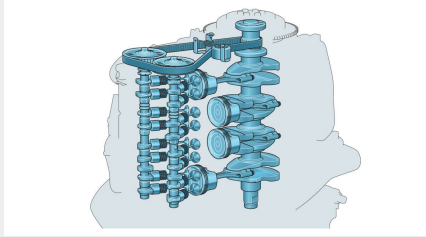
- Incredible acceleration – perfect for lightweight boats
- Class-leading torque and high-speed performance
- Compact design – more power delivered for less weight
- Distinctive & well-known 'V MAX SHO' cowling design
- High output 35A alternator – power from low RPM
- Smooth and quiet - for relaxed boating and fishing
- Unmatched Yamaha reliability

## Extending the boundaries.

Technology limits are stretched still further in this compact and light, yet extremely powerful engine, which delivers superb out-of-the-hole performance, acceleration and top speed – it will not go unnoticed when you open the throttle!

Famous for their incredible torque, our V MAX engines show also a quiet side: we have harmonized all the inertial mass components and added large rubber engine mounts for a whole new level of smooth!

The use of lightweight, mounting brackets, power trim and tilt mechanism and composite body parts – with a state-of-the-art compact engine layout, means the new V MAX SHO 115 transforms the feel, handling and performance of any boat.



## DOHC design with 4 valves per cylinder

The V MAX SHO 115hp features Yamaha's advanced 1.8 litre, 4-cylinder, 4-stroke engine, with 16-valves and double-overhead cam (DOHC) layout. Put simply, the result is better breathing - for better combustion and performance across the power spectrum. The V MAX SHO 115hp powerhead design is based on Yamaha's proven four-stroke technology, so quiet reliability is assured.



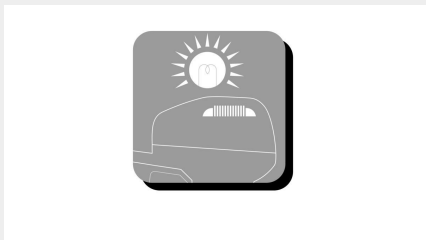
## Lighter weight pays dividends

Yamaha's engineering team has been focusing on reducing weight – not only by reducing all unnecessary metal on the engine, 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!



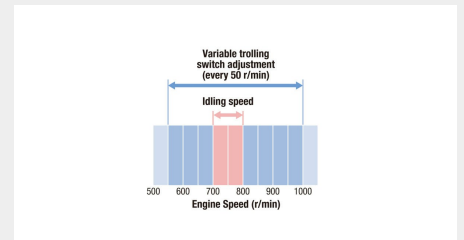
## High-power 35 Amp alternator

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 115hp with a three-phase alternator. With its 35 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 115hp 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.



## Variable Trolling RPM (option)

Trolling speed adjustment from 550-1000 RPM in 50 RPM increments. Ideal for fishing or when navigating waterways, marinas or speed limit areas. Trolling speed can be set to 200 RPM below idle speed. This function is only available when the engine is equipped with Yamaha's Multi-Function Tiller Handle, the 6Y8 or CL5/7 digital display or the new remote switch.

## Engine

Engine type	4-stroke
Displacement	1.832cc
No. of cylinders/Configuration	4/in-line, 16-valve, DOHC
Bore x stroke	81,0 x 88,9 mm
Prop shaft output at mid range	84.6 kW / 115 HP
Full Throttle Operating Range	5300 - 6300 r/min
Lubrication system	Wet sump
Fuel Induction System	EFI
Ignition / advance system	TCI
Starter system	Electric with Prime Start™
Gear ratio	2.15 (28/13)

## Dimensions

Transom height	L: 516mm / X: 643 mm
Oil pan capacity	3.2L / 3.0L
Weight without propeller	176kg - 180kg

## Additional Features

Control	Remote Control
Trim & Tilt method	Power Trim & Tilt
Light coil / Alternator Output	12V - 35A 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 115hp

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