Technology the world trusts

Whether you enjoy the thrill of water sports or just relaxing on your boat, choose the engine that helps you get more out of your time on

Every engine in our range uses Yamaha's latest marine technologies, engine layouts and ingenious intake and exhaust systems - and our 4-stroke development has been so successful because, rather than just adapting ordinary automotive engines for the water, we design and build our marine-specification 4-strokes from scratch.

And, without compromising on power, performance or usability, our specially designed marine engines also help preserve the environment through the use of pioneering clean-burn technologies.

- EFI for cleanliness, efficiency and economy
- 16-valve engine layout aids performance
- Compatible with Yamaha Digital Network Gauges
- PrimeStart™ system for easy starting
- Variable trolling RPM
- Wide Range Power Trim & Tilt
- Yamaha Customer Outboard Protection (Y-COP) option
- Optional Tilt Limiter system
- Single-action steering friction (Tiller models)
- High-output alternator
- Shallow Water Drive for cruising close inshore
- Fresh Water Flushing system

Technology the world trusts

The latest 100hp is now even lighter - so for genuine all-round performance, smooth acceleration and economy, it would be hard to beat. Yamaha's innovative engineering makes it ultra-reliable too.

Our latest 4-stroke technology offers unmatched performance – thanks to a 16-valve engine with Single Overhead Camshaft (SOHC) for vivid acceleration, advanced intake and exhaust system designs – and Yamaha's unique multi-point EFI (Electronic Fuel Injection)

A range of convenient features – including PrimeStart™, a high-output alternator, and Yamaha's Wide-Range Power Trim & Tilt system – gives you the confidence that you're in full control when you're out there on the water.

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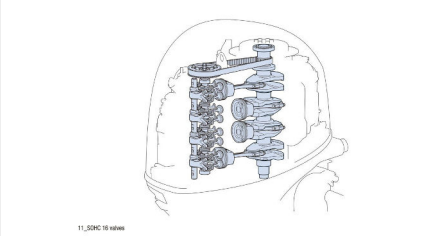
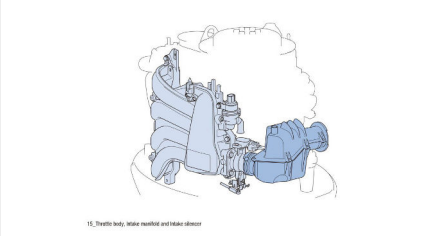


16-valve SOHC engine layout

The SOHC (Single Overhead Camshaft) layout, with its large cylinder capacity and 16-valve format, results in optimum valve actuation, delivering improved acceleration and performance. Yamaha's latest 4-stroke technology combines this with advanced intake and exhaust system designs – and our unique multi-point Electronic Fuel Injection (EFI).

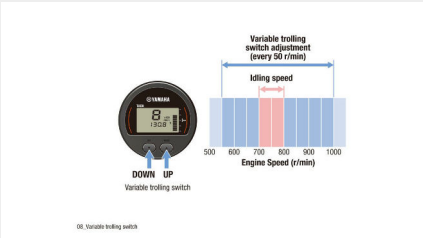


Large single throttle valve

This innovative system controls the flow of air to all four cylinders, pulse-tuning it before it reaches the injectors of the EFI system. The air is therefore delivered with ultimate precision, according to the demands of the driver and the combustion conditions.

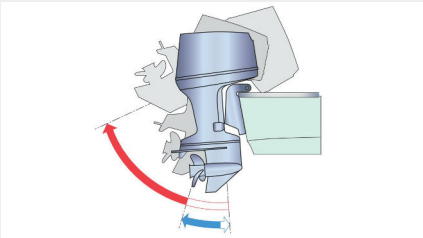
Digital Network Gauges

The 100hp is compatible with Yamaha's Digital Network Gauges, giving you the information needed to maximise engine performance and efficiency, including: a Multifunction Tachometer with RPM, Hours Run, Trim Angle, Oil Pressure, Warning lamps and Variable RPM control; and a Speed/Fuel Management Gauge with Speed, Tank Capacity and Fuel Economy.



Easy control of engine RPM for trolling (with option)

Another feature of the Digital Network System option is the handy button on the tachometer which gives you instant control of the engine RPM - making it simple to adjust the engine speed in convenient steps of 50 RPM between 550 and 1000 RPM. Smooth, relaxed cruising is the reward.



Wide Range Power Trim & Tilt

Discover the versatility and power of a Yamaha engine. Quick response, via push-button control, makes trim and tilt adjustments swift, smooth and easy. The confidence-giving handling control provided by the wide trim range includes negative trim settings to improve acceleration and help bring the boat onto the plane quickly.

Yamaha Customer Outboard Protection (Y-COP) option

The Y-COP immobiliser system is simple, easy to use and highly effective – a neat and simple remote control locks and unlocks the engine's ECM at the push of a button. This prevents your outboard engine being taken for any unauthorised joyrides, offering you peace of mind when leaving your boat unattended.

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Engine	
Engine type	4-stroke
Displacement	1,832 cm³
No. of cylinders/configuration	4/In-line, 16-valve, SOHC
Bore x stroke	81.0 mm x 88.9 mm
Prop shaft output at mid range	73.5 / 5,500 rpm
Full throttle operating range	5,000 - 6,000 rpm
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	
Recommended boat transom height	L516X:643mm
Weight with propeller	F100FETL: 162.0kg,F100FETX; 166.0kg
Fuel tank capacity	-
Oil pan capacity	3.2litres

Additional Features	
Control	Remote Control
Trim & tilt method	Power Trim & Tilt
Lighting Coil / Alternator	12V -35Awith rectifier/regulator
Engine immobiliser	YCOP optional
Propeller	Optional
Variable Trolling RPM	With DN Gauges or m-f tiller handle
Shift Dampener System (SDS)	Optional
Remark	The kW data in this sheet is based on the ICOMIA 28 standard, measured at the prop shaft

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