



Potent power. Reassuring reliability.

The F80 and F100 are amongst the most versatile and user-friendly outboards in this power sector. In fact, in terms of their sheer power-to-value ratio, they are very hard to beat.

Yamaha's latest 4-stroke technology means both models offer unmatched performance – thanks to a 16-valve engine with Double Overhead Camshaft (DOHC) for improved 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, Digital Network Gauges and Yamaha's Wide Range Power Trim & Tilt system – gives you the confidence that you're always in full control.

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



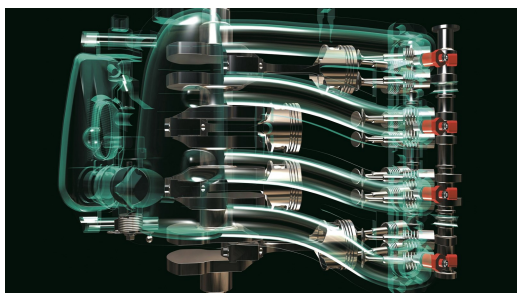
Technology the world trusts

Whether you're a recreational boat owner or a busy professional, choose the engine that will help you get more out of your boat.

Every engine in the Yamaha range uses the very latest Yamaha marine technologies, engine layouts and ingenious intake and exhaust systems. Efficient performance is ensured by a system of micro-computer controls that precisely monitor the engine – from fuel mixture to combustion efficiency and maintenance scheduling.

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.



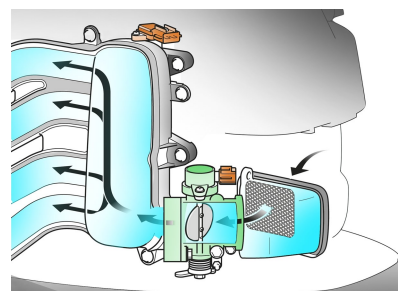


16-valve DOHC engine layout

The DOHC (Double Overhead Camshaft) layout, with its increased cylinder capacity and large valves, 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.



Yamaha Customer Outboard Protection (Y-COP)

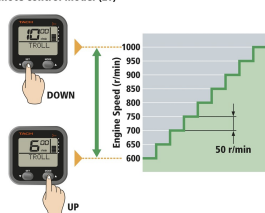
The Y-COP immobiliser system is simple, easy to use and highly effective – a neat and simple remote control locks and unlocks the engine at the push of a button. This prevents your outboard engine being taken for an unauthorised joyride, offering you peace of mind when leaving your boat unattended.

Digital Network Gauges

The F80 and F100 are 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.



Remote control model (ET)

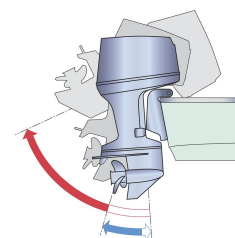


Easy control of engine RPM for trolling (with option)

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.



Engine

Engine type	4-stroke	4-stroke
Displacement	1,596 cm ³	1,596 cm ³
No. of cylinders/Configuration	4/In-line, 16-valve, DOHC	4/In-line, 16-valve, DOHC
Bore x stroke	79.0 mm x 81.4 mm	79.0 mm x 81.4 mm
Prop shaft output at mid range	73.6kW / 5,500 rpm	58.8kW / 5,500 rpm
Full Throttle Operating Range	5,000 - 6,000 rpm	5,000 - 6,000 rpm
Lubrication system	Wet sump	Wet sump
Fuel Induction System	EFI	EFI
Ignition / advance system	TCI	TCI
Starter system	Electric with Prime Start™	Electric with Prime Start™
Gear ratio	2.27 (25/11)	2.27 (25/11)

Dimensions

Transom height	L:536mm X:664mm	L:536mm X:664mm
Weight with propeller	F100DETL: 170.0 kg, F100DETX; 173.0 kg	F80BETL: 170.0 kg, F80BETX: 173.0 kg
Fuel tank capacity	-	-
Oil pan capacity	3.5 litres	3.5 litres

Additional features

Control	Remote Control	Remote Control
Trim & Tilt method	Power Trim & Tilt	Power Trim & Tilt
Light coil / Alternator Output	12V - 25A with rectifier/regulator	12V - 25A with rectifier/regulator
Tilt limiter (only for remote control specs)	Option	Option
Engine immobilizer	YCOP	YCOP
Propeller	Options available	Options available
Counter Rotation Model	-	-
Shallow Water Drive	Standard	Standard
Digital Network Gauge II (LCD Color)	-	-
Digital Network Gauge (Round/Square)	Option	Option
Variable Trolling RPM	With DN Gauges or m-f tiller handle	With DN Gauges or m-f tiller handle
Dual Battery Charging System	-	-
Shift Dampener System (SDS)	-	-
Remark	The kW data in this sheet is based on the ICOMIA 28 standard, measured at the prop shaft	The kW data in this sheet is based on the ICOMIA 28 standard, measured at the prop shaft



models

F100 // F80
www.yamaha-motor.eu



F100



The Yamaha Chain of Quality

Yamaha technicians are fully trained and equipped to offer the best service and advice for your Yamaha product. For this reason, Yamaha strongly recommends visiting an official Yamaha dealer for all your service requirements.

Yamaha Marine Parts & Accessories are especially developed, designed and tested for our Yamaha product range. Yamaha also recommends the use of Yamalube®. Yamalube® is our own range of high-tech lubricants, the lifeblood of Yamaha engines. They are developed to carry on working effectively, no matter where you drive.

Besides functional and style accessories, Yamaha offers a range of high quality, innovative boating gear. An extensive range of casual wear is also available. For more information go to:

www.yamaha-motor-acc.com



Experience more of the
Yamaha F100 // F80 with your mobile

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