



Power and economy = more relaxation

With the F150 and the latest-generation, lightweight design F115, you can truly relax on the water – powered by the cleanest, most efficient engines on the market.

These advanced DOHC (Double Overhead Camshaft) models use a range of technologies to optimise the combustion process. Special intake and exhaust systems, plus Yamaha's EFI system, bring outstanding fuel efficiency, working in partnership with a micro-computer which analyses and adjusts the fuel/air mixture for efficient combustion.

PrimeStart™ ignition and many other unique features – like Yamaha's Y-COP remote security and our Wide Range Power Trim & Tilt system – make these engines a real pleasure to use.

- New lightweight design for latest F115
- EFI for cleaner, more efficient performance
- Double Overhead Camshaft (DOHC) aids performance
- Optional Tilt Limiter system
- Wide Range Power Trim & Tilt for smooth control
- PrimeStart™ system for easy starting
- Counter-rotating propeller models available
- Yamaha Customer Outboard Protection (Y-COP)
- Compatible with Yamaha Digital Network system
- Balancer shaft for low vibration and noise (F150)
- Yamaha's Ideal Anti-corrosion Protection

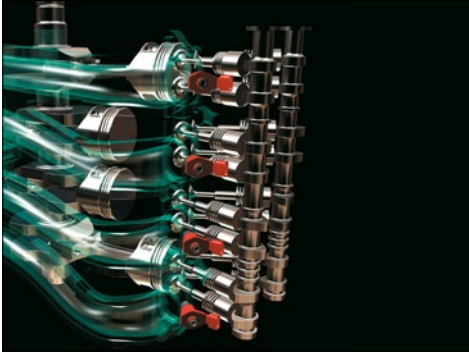


Technology the world trusts

Whether you're out to have fun on your boat – or a busy professional – choose the engine that helps you get more out of your time on the water.

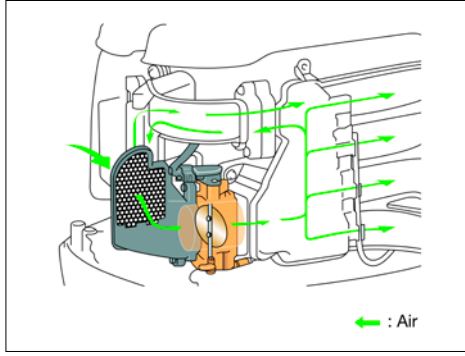
Every engine in the Yamaha range uses the very latest Yamaha marine technologies, engine layouts and ingenious intake and exhaust systems. Efficient performance is ensured by a system of micro-computer controls that precisely monitor the engine – from fuel mixture to combustion efficiency and maintenance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



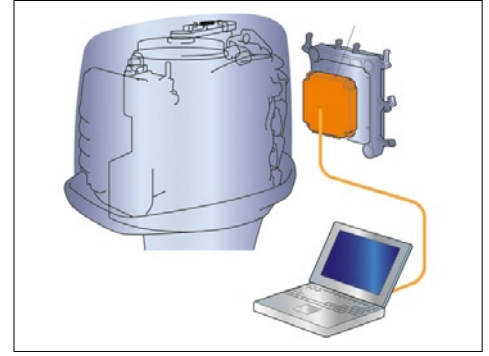
16-Valve DOHC Direct-Action In-Line 4

With 2 intake valves and 2 exhaust valves on each cylinder – and, with twin camshafts, each also driven independently – intake and exhaust efficiency are dramatically improved, optimising fuel use during combustion. The TCI ignition system ensures easy starting, consistency, longer plug life and – ultimately – reliability.



New intake throttle for F115

The innovative new single throttle replaces the original 4-valve set-up and works in conjunction with the ECM to increase fuel efficiency – as well as delivering quicker throttle response and acceleration under all operating conditions.



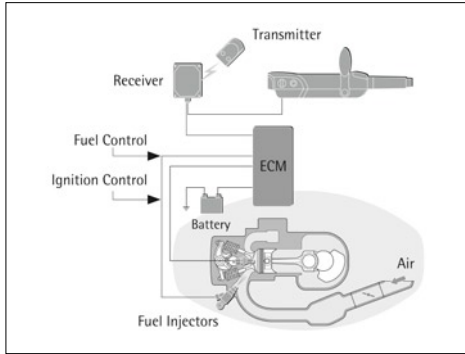
Micro-computer ECM (Engine Control Module)

A reliable micro-computer is the 'brain' of your engine. By constantly monitoring all data inputs and settings, it helps to ensure smooth running and optimised ignition timings – as well as automatically activating warning and protection systems. A handy access port lets authorised Yamaha dealers easily diagnose any problems.



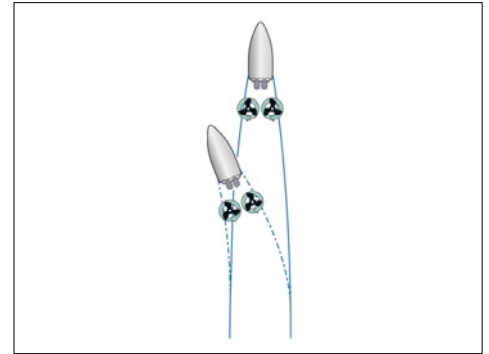
Digital Network Gauges

A range of digital instruments give you access to the information you need to maximise engine performance and efficiency. A Multifunction Tachometer displays RPM, hours, trim angle, oil pressure and warning lamps. The Speed/Fuel Management Gauge shows speed, tank capacity and fuel economy data.



Remote security (Y-COP) system

Peace of mind now comes as standard on the F115 and F150. Your Yamaha is valuable and sought-after – sometimes by people you might not want to share it with – so Yamaha Customer Outboard Protection (Y-COP) is a simple, push-button remote control that immobilises your engine, ensuring that just like your car, it only starts when you want it to.



Counter-rotating propeller models

A standard twin-engine installation (with both propellers turning clockwise) pulls the boat towards the port side, making steering difficult, especially at higher speeds. The F115 and F150 are available with a counter-rotating propeller, for perfect 'neutral helm' control when fitted alongside a standard model.

Model	F150	F115
Engine		
Engine type	4-stroke	4-stroke
Displacement	2670 cm ³	1741 cm ³
No. of cylinders/Configuration	4/In-line	4/In-line
Bore x stroke	94.0 mm x 96.2 mm	79.0 mm x 88.8 mm
Prop shaft output at mid range	110.3kW / 5,500 rpm	84.6kW / 5,500 rpm
Full Throttle Operating Range	5,000 - 6,000 rpm	5,000 - 6,000 rpm
Lubrication system	Wet sump	Wet sump
Electronic Fuel Injection	EFI	EFI
Ignition / advance system	TCI/Micro-Computer	TCI/Micro-Computer
Starter system	Electric	Electric
Gear ratio	2.00 (28/14)	2.15 (28/13)
Dimensions		
Recommended boat transom height	L:508mm X635mm	L:508mm X635mm
Weight with propeller	F150AETL: 223.0 kg, FL150AETL: 223.0 kg, F150AETX: 228.0 kg, FL150AETX: 228.0 kg	F115AETL: 186.0 kg, F115AETX: 189.0 kg, FL115AETX: 189.0 kg
Fuel tank capacity	option	option
Oil pan capacity	4.3 litres	3.5 litres
Additional features		
Steering	Remote Control	Remote Control
Throttle and Shift Controls	Remote Control	Remote Control
Trim & Tilt method (trim angle)	Power Trim & Tilt	Power Trim & Tilt
Light coil / Alternator Output	12V - 36A	12V - 24A
Propeller	Options available	Options available
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



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