



## 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 the water.

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.

Without compromising on power, performance or usability, these specially designed engines also help preserve the environment with the use of pioneering clean-burn technologies.



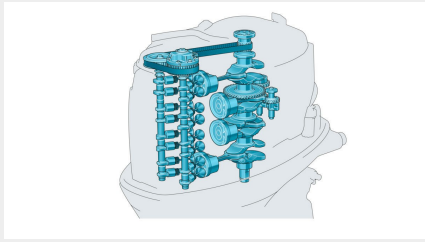
- Counter-rotating propeller model available
- Yamaha Customer Outboard Protection (Y-COP) option
- Optional Tilt Limiter switch system
- Compatible with Yamaha Digital Network system
- Wide Range Power Trim & Tilt
- Variable Trolling RPM controls low speed operation
- Digital electronic throttle and shift (150hp)
- Optional Dual Battery Charging system
- Cowling design traps and drains water efficiently
- EFI for cleaner power and greater efficiency
- DOHC (Double Overhead Camshaft) aids performance

# A whole new level of smoothness and performance!

The legendary F150 still has those sleek looks and great features, but now brings you even smoother shifting and more sophisticated performance - thanks to the latest Drive-by-Wire technology of our digital electronic throttle and shift (F150G).

The advanced DOHC (Double Overhead Camshaft) design and special intake and exhaust systems optimise the combustion process - and a special cowling design traps and drains water more efficiently.

Many other unique features, like Variable Trolling RPM control, our Wide Range Power Trim & Tilt system – and Yamaha's optional Y-COP remote security system, make the latest version of this outstanding engine a real pleasure to use.



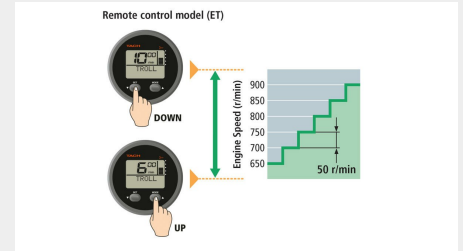
## 16-Valve DOHC Direct-Action In-Line 4

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.



## Sleek and efficient cowling design

An attractive appearance is not the only advantage of this purposeful-looking cowling. It is designed to trap and drain water with maximum efficiency, leading to even smoother operation, less corrosion and longer engine life.



## Variable Trolling RPM controls low speed operation

This sophisticated system allows you to control low speed operation smoothly and easily, by adjusting your speed in 50 RPM steps at the touch of a switch. Ideal for fishing, or for cruising politely through no-wake zones!



## Digital Network Gauges and Drive-by-Wire

The 150hp is fully compatible with Yamaha's Digital Network Gauges (6Y8/6YC/6Y9 and the new CL7) giving you all the information needed to monitor boat and engine performance and efficiency. The 150hp now features full Drive-by-Wire capability, thanks to its digital throttle and shift, which delivers ultra-smooth shifting and control.



## SDS (Shift Dampening System)

First introduced for our larger V8 and V6 models, Yamaha's patented Shift Dampener System (SDS) is a great feature that significantly reduces the 'clunk' sound normally associated with moving between gears. A splined rubber hub and aft washer absorb noise and vibration, in a carefully engineered solution that gives smoother, quieter gear shifts.



## Yamaha Customer Outboard Protection (Y-COP) option

The optional 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 any unauthorised joyrides, offering you peace of mind when leaving your boat unattended.

Engine	
Engine type	4-stroke
Bore x stroke	94.0 mm x 96.2 mm
Displacement	2,670 cm <sup>3</sup>
Prop shaft output at mid range	110.3 kW / 5,500 rpm
Full Throttle Operating Range	5,000 - 6,000 rpm
Lubrication system	Wet sump
Ignition / advance system	TCI
Gear ratio	2.00 (28:14)
Starter system	Electric with Prime Start™
No. of cylinders/Configuration	4/In-line, 16-valve, DOHC
Fuel Induction System	EFI

Dimensions	
Weight with propeller	F150DETL: 222.0kg, FL150DETL: 222.0kg, F150DETX: 227.0kg, FL150DETX: 227.0kg
Oil pan capacity	4.5litres
Transom height	L:516mm, X: 643mm

Additional Features	
Light coil / Alternator Output	12V -35A with rectifier/regulator
Trim & Tilt method	Power Trim & Tilt
Remark	The kW data in this sheet is based on the ICOMIA 28 standard, measured at the prop shaft
Propeller	Optional
Counter Rotation Model	Available (ETL, ETX)
Dual Battery Charging System	Optional
Shift Dampener System (SDS)	Optional
Control	Remote Control
Engine immobilizer	YCOP optional
Shallow Water Drive	Standard
Digital Network Gauge (6Y8/6YC)	Optional
Tilt limiter	Optional