



A great way to enjoy our Straight-Four performance

For exceptional power and acceleration, this clean, quiet, smooth, EFI-equipped engine is pretty tough to beat. Add economy, reliability and all-round performance - and you have the perfect choice.

Yamaha's unique, fuel-efficient EFI system, micro-processor ECU, clean-burn technology and noise reduction systems are all designed to work seamlessly together, while the sophisticated diagnostic system shows engine and performance data via computer link, so maintenance is very quick - and simple.

Like all our EFI engines, the F175 can be linked directly to Yamaha's exclusive network system, which means you can choose from a wide range of advanced digital gauges and instruments.

- ▶ 2.8 litre 4-cylinder DOHC 16-valve engine
- ▶ Yamaha's famous EFI system for supreme efficiency
- ▶ Offset crankshaft and special balance shaft
- ▶ Variable trolling RPM control function
- ▶ Compatible with Yamaha Digital Network system
- ▶ Shift Dampener System (SDS) for smooth shifting
- ▶ Yamaha Customer Outboard Protection (Y-COP) option
- ▶ Optional Tilt Limiter system
- ▶ High output alternator (50A)
- ▶ Optional Dual Battery Charging System

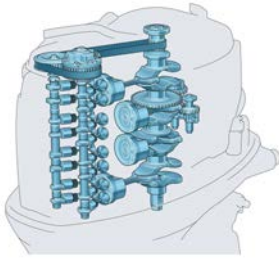


Technology the world trusts

For your on-water adventures, the 4-cylinder F175 delivers a perfectly balanced and reliable all-round power package.

The very latest Yamaha marine technologies, with their advanced engine layouts and ingenious intake and exhaust systems, offer you supreme efficiency, aided by micro-computer controls which monitor all aspects of engine performance - from fuel mixture and combustion efficiency to maintenance scheduling.

We also maintain constant development programs to pioneer clean-burn technologies and help protect the environment - yet without compromising the legendary power, performance or reliability of Yamaha engines in any way.

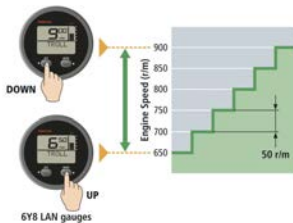
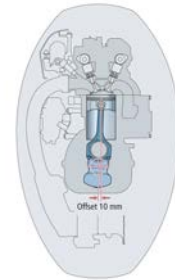


2.8 litre DOHC 4-cylinder with 16 valves and EFI

This thoroughbred engine delivers excellent combustion efficiency across the RPM range with features like EFI, 4 valves per cylinder and DOHC (Double Overhead Camshafts). In summary, a fine blend of advanced technologies offering exceptional horsepower-per-litre and a high power-to-weight ratio.

Special offset crankshaft delivers a compact design

We designed the F175 to be ultra-compact and the special offset crankshaft and gear-driven balance shaft are just two of the many technical advances pioneered by our engineers to help achieve that aim. The labyrinth exhaust systems, with their water-sealed outer walls make them exceptionally quiet too.

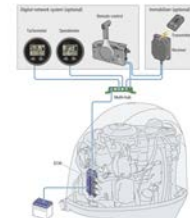


Variable Trolling RPM control

Another feature of the optional Digital Network System 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 650 and 900 RPM. Smooth, relaxed cruising is the reward.

Digital Network Gauges (optional)

All our EFI engines can be linked, via Yamaha's own network system, to a wide range of digital instruments - to help you get the best from your engine. A multi-function tachometer displays RPM, engine hours, trim angle, oil pressure and warning lamps. The combined Speed & Fuel Management gauge shows speed, fuel tank level and economy data.



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

Yamaha's unique Y-COP immobiliser system is a simple, easy to use and highly effective option – the 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.



<i>Engine</i>	<i>F175A</i>
Engine type	4-stroke
Displacement	2,785cc
No. of cylinders/configuration	4/In-line, 16-valve, DOHC
Bore x stroke	96.0 mm x 96.2 mm
Prop shaft output at mid range	128.7kW / 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	1.86 (26/14)

<i>Dimensions</i>	<i>F175A</i>
Recommended boat transom height	L:516mm X:643mm
Weight with propeller	F175AETL: 224.0 kg, F175AETX:225.0 kg,
Fuel tank capacity	-
Oil pan capacity	4.5 litres

<i>Additional features</i>	<i>F175A</i>
Control	Remote Control
Trim & tilt method	Power Trim & Tilt
Lighting Coil / Alternator	12V - 50A with rectifier/regulator
Tilt limiter (only for remote control specs)	Optional
Engine immobiliser	YCOP optional
Propeller	Optional
Counter Rotation Model	-
Shallow Water Drive	Standard
Digital Network Gauge II (LCD Color)	-
Digital Network Gauge (Round/Square)	Optional
Variable Trolling RPM	With DN Gauges or m-f tiller handle
Dual Battery Charging System	Optional
Shift Dampener System (SDS)	Optional
Remark	The kW data in this sheet is based on the ICOMIA 28 standard, measured at the prop shaft,