



Technology the world trusts

For your on-water adventures, the 4-cylinder 175hp 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 programmes 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.



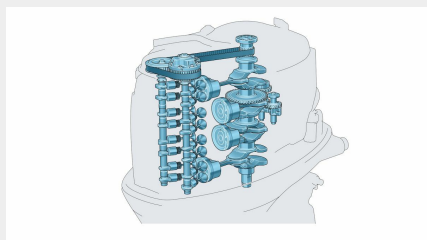
- 2.7 litre 4-cylinder DOHC 16-valve engine
- 2.8 litre 4-cylinder DOHC 16-valve engine
- Yamaha's famous EFI system for supreme efficiency
- Digital electronic throttle and shift (175hp C)
- Variable Trolling RPM controls low speed operation
- Compatible with Yamaha Digital Network system
- Shift Dampener 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

Choose Drive-by-Wire - it's the smooth new option.

For exceptional power and acceleration, this clean, quiet, EFI-equipped engine is tough to beat. Add a whole new level of smooth-shifting Drive-by-Wire performance - and you have the perfect choice.

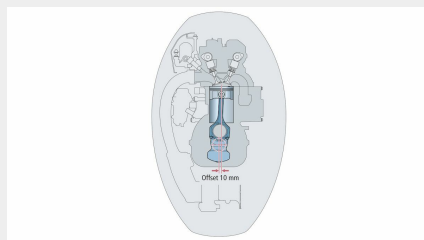
Yamaha's unique, fuel-efficient EFI system, micro-processor ECU, clean-burn technology and noise reduction systems are all designed to work seamlessly together, while the sophisticated diagnostic system shows engine and performance data via computer link, so maintenance is very quick - and simple.

Like all our EFI engines, the 175hp 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 DOHC 4-cylinder with 16 valves and EFI

This is a thoroughbred engine that 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 175hp 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 system, with its water-sealed outer walls, makes it exceptionally quiet, too.



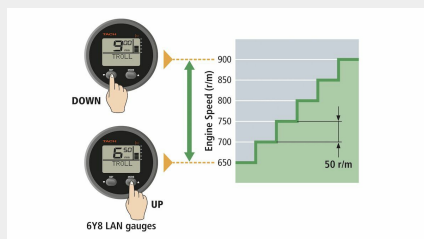
New Drive-by-Wire system - for smooth control

The new 175hp (C) version now features full Drive-by-Wire capability, thanks to its digital throttle and shift system, which delivers ultra-smooth shifting, as well as a new level of sophisticated boat operation and control.



Digital Network Gauges (optional)

The 175hp is compatible with Yamaha's Digital Network Gauges (6Y8/6YC/6Y9 and new CL7) giving you all the information needed to monitor boat and engine performance and efficiency, including RPM, engine hours, trim angle, oil pressure and warning lamps. The combined Speed & Fuel Management gauge shows speed, fuel tank level and economy data.



Variable Trolling RPM control

Another feature of the optional Digital Network System is the handy button 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.



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.

Engine		
Engine type		4-stroke
Bore x stroke		96.0 mm x 96.2mm
Displacement		2,785cc
Prop shaft output at mid range		128.7 kW / 5,500 rpm
Full throttle operating range		5,000 -6,000 rpm
Lubrication system		Wet sump
Ignition / advance system		TCI
Gear ratio		1.86 (26:14)
Starter system		Electric with Prime Start™
No. of cylinders/configuration		4/in-line, 16-valve, DOHC
Fuel Induction System		EFI

Dimensions		
Weight with propeller		F175AETL:224.0kg, F175AETX: 225.0kg F175CETL:226.0kg, F175CETX:227.0kg, FL175CETX:227.0kg
Fuel tank capacity		-
Oil pan capacity		4.5 litres
Recommended boat transom height		L:516mm, X:643mm

Additional Features		
Lighting Coil / Alternator		12V - 50A 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 (CETX)
Variable Trolling RPM		With DN Gauges or m-f tiller handle
Dual Battery Charging System		Optional
Shift Dampener System (SDS)		Optional
Control		Remote control (F175A); Drive By Wire (DBW - F175C)
Engine immobiliser		YCOP optional
Shallow Water Drive		Standard
Tilt limiter		Optional
Digital Network Gauge II (CL7)		Optional (F175C)