



## 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.

And, without compromising on power, performance or usability, our marine engines also help preserve the environment through the use of pioneering clean-burn technologies.



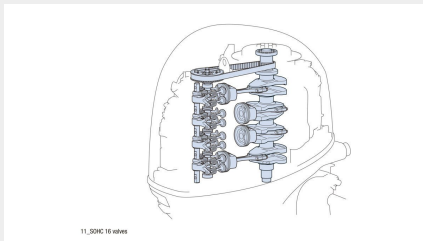
- EFI for clean, quiet efficiency and economy
- 16-клапанна компоновка двигуна підвищує продуктивність
- Сумісний з цифровими мережними датчиками Yamaha
- Система PrimeStart™ для легкого запуску
- Регульований режим троллінгу
- Широкий діапазон підсилювача диферента і нахилу
- Опціональна система Yamaha по захисту мотора (Y-COP)
- Опціональна система обмеження нахилу
- Фіксація кута повороту одним рухом (для румпельних моделей)
- High-output 35A alternator
- Можливість ходу на мілководді

# Now it's lighter, quieter and even more powerful.

The 80hp is now even lighter - so for genuine all-round performance, smooth acceleration and economy, it would be hard to beat. Yamaha's innovative engineering makes it ultra-reliable too.

Our 4-stroke technology offers unmatched performance – thanks to a 16-valve engine with Single Overhead Camshaft (SOHC) for vivid acceleration, advanced intake and exhaust system designs – and Yamaha's unique multi-point EFI (Electronic Fuel Injection)

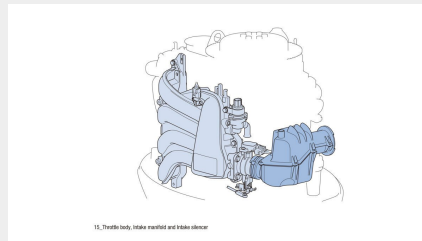
A range of convenient features – including PrimeStart™, a high-output alternator, Digital Network Gauges and Yamaha's Wide Range Power Trim & Tilt system – gives you the confidence that you're always in full control.



11, SOHC 16 valves

## 16-valve SOHC engine layout

The SOHC (Single Overhead Camshaft) layout, with its large cylinder capacity and 16-valve format, 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).



12, Throttle body, intake manifold and intake cleaner

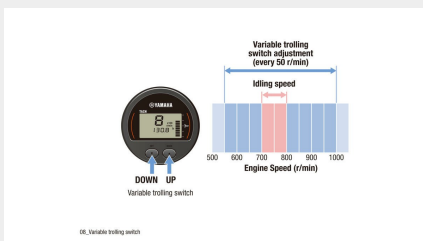
## Large single throttle valve

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.



## Digital Network Gauges

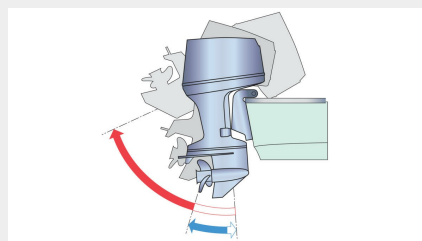
The 80hp is compatible with Yamaha's Digital Network Gauges (6Y8/6YC), giving you the information needed to maximise engine performance and efficiency, including a Multifunction Tachometer with RPM, Hours Run, Trim Angle, Oil Pressure, Warning lamps and Variable RPM control - and a Speed/Fuel Management Gauge with Speed, Tank Capacity and Fuel Economy



08, Variable trolling switch

## 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.



## 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.

Мотор	
Тип мотора	4-stroke
Діаметр циліндра x хід поршня	81.0 mm x 88.9 mm
Робочий об'єм	1,832 cm <sup>3</sup>
Потужність на валу гвинта в середньому діапазоні оборотів	58.8 kW / 5,500 rpm
Діапазон роботи при повному газі	5,000 - 6,000 rpm
Система змазки	Wet sump
Система запалювання	TCI
Передавальне відношення	2.15 (28:13)
Система запуску	Electric with Prime Start™
Кількість циліндрів / Конфігурація	4/In-line, 16-valve, SOHC
Система індукції палива	EFI
Габарити	
Вага з гвинтом	F80DETL: 162.0kg,F80DETX; 166.0kg
Ємність паливного бака	-
Об'єм масляного бака	3.2litres
Рекомендована висота транця судна	L516X:643mm
Додаткові характеристики	
Котушка запалювання / генератор	12V -35Awith rectifier/regulator
Спосіб зміни диференту і нахилу	Power Trim & Tilt
Примітка	The kW data in this sheet is based on the ICOMIA 28 standard, measured at the prop shaft
Гвинт	Optional
Регульовані обороти для троллінгу	With DN Gauges or m-f tiller handle
Система амортизації перемикачів (SDS)	Optional
Система управління	Remote Control
Імобілайзер	YCOP optional