



## 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.



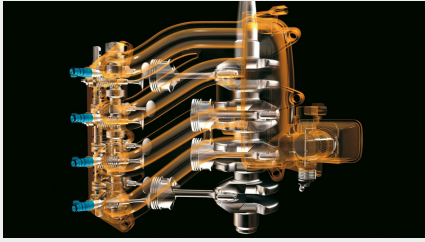
- EFI for cleaner, more efficient performance
- Sleek, compact shape & solid one-piece top cowling
- Yamaha Customer Outboard Protection (Y-COP) option
- Optional Tilt Limiter system
- Single-action steering friction (Tiller model)
- High-output alternator
- Shallow Water Drive for cruising close inshore
- Fresh water flushing system
- Compatible with Yamaha Digital Network Gauges
- Variable trolling RPM
- Wide Range Power Trim & Tilt

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Ideal for towing skiers or wakeboarders, the compact F50 lets you have fun on the water, but with a clear conscience – why? Because it's the cleanest and most economical engine in its class.

Yamaha's Electronic Fuel Injection system (EFI) ensures cleaner performance and efficient consumption of fuel, all in an engine that delivers impressive power, serious torque in the mid-ranges and high top speeds.

The F50 also includes a number of unique Yamaha features, each designed to provide a smooth, comfortable and enjoyable ride. Among them are the Wide Range Power Trim & Tilt system, giving you full, relaxed control – and PrimeStart™ ignition – as effortless as starting a car.



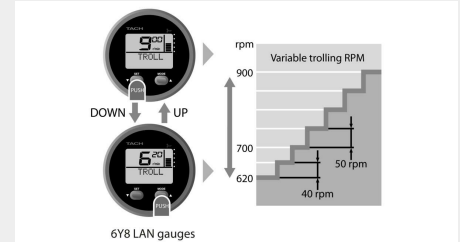
### Ultra-smooth 4-cylinder refinement - with EFI

Whether strokes or cylinders, Yamaha understands the power of Four! Which is how the world's pioneer in 4-stroke technology has brought added refinement to the 4-cylinder configuration with a powerful long stroke design for the EFI-equipped 50hp - to deliver ultra-smooth, useable power with low noise and vibration levels.



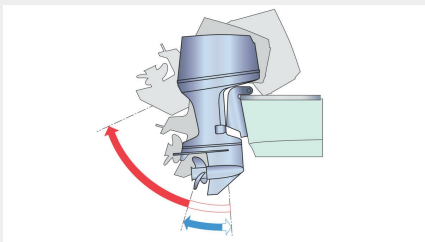
### Yamaha Digital Network Gauges

The 50hp is compatible with our Digital Network Gauges, which deliver 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.



### Variable Trolling RPM control

With the press of a button on the optional Digital Network's Tachometer – or via the variable trolling RPM switch on the optional multi-function tiller handle – the driver can adjust the engine speed for relaxed trolling, in precise steps of 50 RPM, between 620 and 900 RPM.



### 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 across a wide trim range. The negative trim settings are particularly useful to improve acceleration and bring the boat onto the plane quickly.



### Compact shape and solid one-piece top cowling

With the advanced design and modest overall dimensions of this 4-cylinder unit, our engineers have produced a remarkably compact 996cc powerhouse, but with a low weight that is comparable to a conventional 3-cylinder engine. So the 50hp has a power-to-weight ratio that makes it the ideal choice for a wide range of boats.



### 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.

<b>Engine</b>	
Engine type	4-stroke
Displacement	996 cm <sup>3</sup>
No. of cylinders/Configuration	4/In-line, SOHC
Bore x stroke	65.0 mm x 75.0 mm
Prop shaft output at mid range	36.8 / 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	1.85 (24:13)

<b>Dimensions</b>	
Transom height	L527
Fuel tank capacity	separate, 25litres
Oil pan capacity	2.1litres
Weight without propeller	107 kg - 114 kg

<b>Additional Features</b>	
Control	Remote Control
Trim & Tilt method	Power Trim & Tilt (ET), Hydro tilt assist (ED)
Light coil / Alternator Output	12V -16Awith rectifier/regulator
Engine immobilizer	YCOP optional
Propeller	Optional
Variable Trolling Speed	With DN Gauges or m-f tiller handle
Remark	The kW data in this sheet is based on the ICOMIA 28 standard, measured at the prop shaft

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