



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 specially designed marine engines also help preserve the environment through the use of pioneering clean-burn technologies.



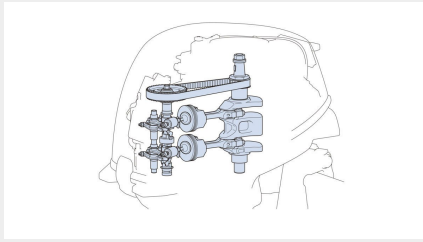
- Single-lever steering friction (Tiller model)
- New tough and solid one-piece top cowling
- New battery-less EFI system for easy starting
- Manual, electric and manual/electric start options
- VTS (Variable Trolling Speed) option
- Slower-than-normal idle speed with VTS option
- Compatible with Yamaha Digital Network Gauges
- 'Big-engine' feature - Power Tilt option
- Exclusive Y-COP immobiliser security available
- Multi-function tiller handle option
- Single-lever steering friction (Tiller model)

Small-engine convenience, big-engine performance

If you're looking for the winning combination of easy handling and great control, look no further than the reliable 20hp.

This versatile, twin-cylinder 4-stroke combines power and responsiveness - and delivers a super-smooth ride. Outstanding fuel economy also means that you're being kinder to the environment, with exhaust emissions cut to a minimum.

Enjoy too, the many extras that only a Yamaha outboard delivers. Benefits like computer-controlled ignition, a special light-load starting system, a water-cooled fuel pump, and a large-volume silencer – all normally only found on larger engines. For commercial, professional or leisure use, it adds up to a winning formula.



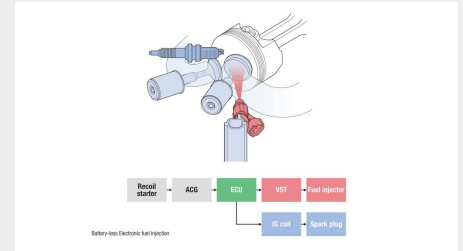
Steering friction

You'll find the 20hp very easy to control and comfortable to drive, thanks to its many features - from the front-mounted shift lever and single-lever steering friction adjuster to the light-load recoil starter. A built-in handle on the steering bracket and resting pads on the rear, make for convenient handling and portability too.



PrimeStart™

Start your outboard engine as easily as starting a car – even from cold. Exclusive to Yamaha, the PrimeStart™ system ensure that the engine fires first time, every time you engage either the Electric or Manual Start.



High-output alternator

Never get left short. A High-output alternator ensures that power is always available to start the engine – even after prolonged periods of idling or when you've been running at low revs and using numerous accessories.



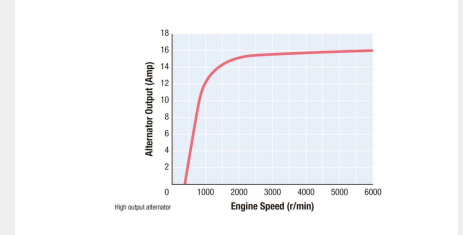
Shallow Water Drive system

Cruise towards the shore with confidence thanks to Yamaha's Shallow Water Drive system. Offering ample protection for your propeller, it allows you to get as close as you need to be, no matter whether you're cruising a murky lake or the crystal clear shallows of the sea.



F-N (Forward-Neutral-Reverse) gears for easy control

Manual gear selection allows the engine to be warmed up in Neutral. The propeller will not turn until Forward is selected for safer idling. Ensures smoother acceleration and better control especially when turning. On Electric Start versions, the power supply to the starter motor is isolated until Neutral is selected.



High-output alternator - keeps the power coming

The 20hp will be put to a wide variety of tasks, from fishing at night to coastal cruising, so its high-output alternator is a comforting feature, ensuring that power should always be available to start the engine – even after prolonged periods of idling or if you've been running at low revs and using numerous accessories.

Engine		
Engine type		4-stroke
Bore x stroke		65.0 mm x 65.1 mm
Displacement		432 cm ³
Prop shaft output at mid range		14.7 / 5,500 rpm
Full throttle operating range		5,000 - 6,000 rpm
Lubrication system		Wet sump
Ignition / advance system		CDI
Gear ratio		2.08 (27:13)
Starter system		Electric/ Manual; Manual (MH); Electric (E, EP)
No. of cylinders/configuration		2/In-line, SOHC
Fuel Induction System		EFI

Dimensions		
Fuel tank capacity		separate, 25litres
Oil pan capacity		1.1litres
Recommended boat transom height		S429L:551mm
Weight without propeller		56kg - 63kg

Additional Features		
Lighting Coil / Alternator		12V -16A
Steering		Tiller handle; Remote Control
Trim & tilt method		Power Tilt (EP); Manual Tilt (MH, E + WH)
Remark		The kW data in this sheet is based on the ICOMIA 28 standard, measured at the prop shaft
Propeller		Optional (E, EP); Included (MH, WH)
Variable Trolling RPM		With DN Gauges or m-f tiller handle
Control		Remote control (E, EP); Tiller handle (MH + WH)
Engine immobiliser		YCOP optional