



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.



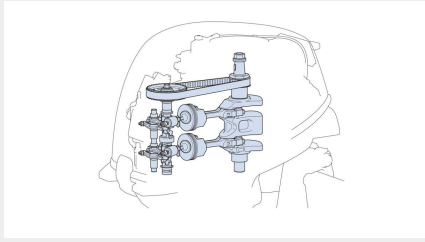
- Single-lever steering friction (Tiller model)
- New tough and solid one-piece top cowling
- New battery-less EFI system for easy starting
- Manual, electric and manual/electric start options
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- Compatible with Yamaha Digital Network Gauges
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- Exclusive Y-COP immobiliser security available
- Multi-function tiller handle option
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- High-output alternator for extra starting power

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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.



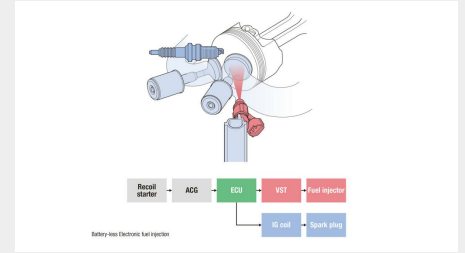
Steering friction

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.



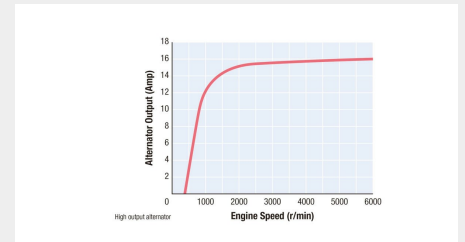
Shallow Water Drive system

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.



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

Dimensions	
Recommended boat transom height	S429L:551mm
Weight with propeller	F20GMHS: 57.0kg,F20GMHL: 59.0kg,F20GES: 56.0kg,F20GEL: 58.0kg,,F20GWHL: 62.0kg, F20GEPS: 61.0kg, F20GEPL:63.0kg
Fuel tank capacity	separate, 25litres
Oil pan capacity	1.1litres

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



20hp