300hp V6

Premium performance.

The V6 model incorporates Variable Camshaft Timing (VCT) technology as standard, for potent performance right across the power band, which adjusts the mixture of fuel and air in the cylinders perfectly. This means you get constant, heart-pumping torque all the way from zero to top speed.

The stylish XTO looks conceal advanced technology features like Thrust Enhancing Reverse Exhaust (TERE), designed to provide maximum command and control at low speeds. Particularly effective in close quarter handling situations with outstanding reverse thrust, TERE provides precise handling when you need it most.

DES is now built-in to 300 V6 engines equipped with Steer by Wire, which links seamlessly to Yamaha's Helm Master system. DES delivers a smoother and more intuitive experience when at the helm and at the stern you'll benefit from a cleaner finish with no pumps or hoses. All Non-SBW V6's are compatible with optional bolt-on electric steering

- Built-in Digital Electric Steering (DES) on Steer by Wire engines.
- Optional bolt-on electric steering for Engines not equipped with Steer by Wire (SBW) providing improved serviceability.
- TotalTilt™ function with integrated tilt limit for effortless trailering and convenience when tilting.
- Thrust Enhancing Reverse Exhaust (TERE) for outstanding reverse thrust and control when manoeuvring.
- Elegant, sleek, lightweight design.
- Superior engine mounts for less vibration and a softer ride.
- New and improved lower unit: new components, design features and improved durability.

Premium performance.

The elegant, sleek, lightweight design of the 300hp V6 engines capitalises on many styling cues from its big brother the XTO and is the most feature rich V6 Yamaha has ever produced. With its awesome power and uncompromised performance, the new 300hp V6 is ready to push the boundaries.

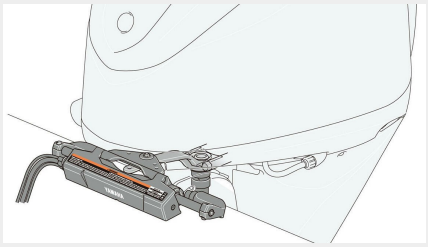
Now available with Steer by Wire and non Steer by Wire options. The all new 300hp V6 delivers blistering acceleration and adrenalin-pumping top speed, combined with Yamaha's commitment to deliver products that combine technology with style, enhanced reliability and incredible power.

With the 300hp V6 engines arrive an array of new Yamaha exclusive features, including Digital Electric Steering (DES), TotalTilt function and Thrust Enhancing Reverse Exhaust (TERE), delivering an even higher level of specification for these premium outboards.

300hp V6

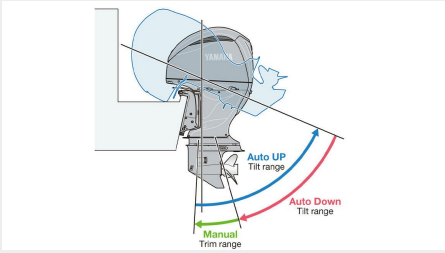
Built-in Digital Electric Steering (DES) - Engines equipped with Steer by Wire (SBW)

DES is now built-in to 300hp V6 Engines equipped with Steer by Wire. Yamaha DES offers a clean spacious bilge. There are no pumps, hoses, control units, need for fluid filling and clean-up and no special bleeder ports or hoses. For re-powers, your technicians can rig DES significantly faster and more easily. DES equipped engines can also be fitted with the new optional bolt-on Helm Master EX system.



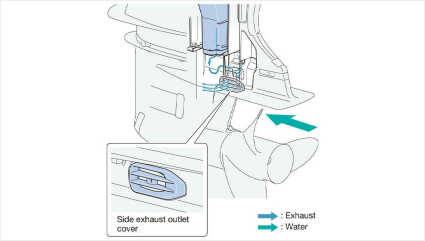
Optional bolt-on electric steering for Engines not equipped with Steer by Wire (SBW)

300hp V6 Engines are fully compatible with optional bolt-on Digital Electric Steering (DES) or traditional hydraulic steering systems



TotalTilt™ function with integrated tilt limit

Yamaha's exclusive TotalTilt™ function allows complete tilt up or down (until trim ram contacts) from any position with a simple double-push of the respective tilt button. During the process, a buzzer sounds to alert crew to keep clear of the outboard, and the integrated tilt limiter helps to prevent inadvertent damage.



Thrust Enhancing Reverse Exhaust (TERE)

Stronger reverse and low-speed manoeuvring – TERE keeps exhaust bubbles above the anti-ventilation plate and out of the propeller below 2500 rpm when in reverse. The prop bites only bubble free water, resulting in outstanding reverse thrust and control. Combine with optional Digital Electric Steering and Helm Master EX joystick for further enhanced manoeuvrability – very helpful around docks and confined spaces.

Elegant, sleek, lightweight design

Capitalising on many styling cues from its big brother, the XTO-like appearance now features a colour-matched lower unit, a new one-piece top cowling with water-draining air duct moulding, a new bottom cowling and apron shape and premium graphics. Stunning new looks meet proven performance to compliment and complete a broader array of premium boats.

Superior engine mounts

Taken from the XTO, the lower motor mounts are larger and softer resulting in less vibration and a softer ride.

YAMAHA
Revs Your Heart

300hp V6

Engine	
Engine type	4-stroke; DOHC
Bore x stroke	96.0 x 96.0 mm
Displacement	4169 cm3
Prop shaft output at mid range	220.6 kW (300 HP) @5500 r/min
Full throttle operating range	5,000-6,000 r/min
Carburettors	Fuel Injection
Lubrication system	Wet sump
Ignition / advance system	TCI
Gear ratio	1.75 (21/12)
Starter system	Electric
No. of cylinders/configuration	60-deg. V6
Fuel Induction System	EFI

Dimensions	
Oil pan capacity	6.3 L/ 6.0 L *with/without oil filter exchange
Weight without propeller	288 kg - 299 kg

Additional Features	
Lighting Coil / Alternator	70 A (max) (battery charging: 55 A)
Throttle and shift controls	Digital electronic remote control
Trim & tilt method	Power Trim & Tilt
Remark	Steering system vary depending on model.
Full tilt up angle	70
Propeller	Optional
YCOP (Immobilizer)	Applicable
Counter Rotation Model	Available
Variable Trolling RPM	With DN Gauges
Dual Battery Charging System	Optional
Shift Dampener System (SDS)	Optional
Control	Drive By Wire (DBW)
Engine immobiliser	YCOP optional
Shallow Water Drive	Standard
Tilt limitter	Standard
Digital Network Gauge II (CL7)	Optional

300hp V6

Please note this 2021 production year outboard engine will be available in Europe from Season 2022 onward.
For more information please contact your local Dealer.