XTO 450hp V8

The heavyweight champion of the world

This engine isn't simply built — it's reinforced. Everything from the crankshaft to the cooling system is designed to thrive under pressure, making big power accessible, repeatable, and effortlessly smooth.

Styling draws from Yamaha's premium design language, whispering "elite" even before you turn the key. Inside, direct injection and smart combustion control deliver thrust that borders on outrageous, backed by steering precision that makes even the tightest manoeuvres feel professionally choreographed.

If your perfect day on the water involves outrunning weather, outmanoeuvring rivals and outclassing everyone at the dock, this is your V8. The XTO 450hp turns ambition into acceleration and confidence into a competitive advantage — the better the boat, the bigger the grin — and yours may need its own postcode.

- Sleek design

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Turn torque up to 11

This flagship brute pairs Yamaha refinement with glorious, unapologetic punch. A 5.6 L naturally aspirated V8 powers your boat like it’s starring in its own action film, backed by direct injection for razor-sharp response and enviable efficiency. Integrated Digital Electric Steering smooths every move so effortlessly that even tricky manoeuvres become moments of quiet genius you’ll absolutely take credit for. And with Helm Master EX® compatibility, docking goes from stressful to cinematic victory — the kind people applaud. Literally or internally, depending on your marina.

And beneath that polished exterior? A level of toughness that borders on space-grade. Heavy-duty gears, oversized shafts, low-friction cooling… every component is engineered to take whatever offshore madness you throw at it. Headwinds? Swell? Heavy loads? Bring it. The XTO 450hp V8 responds with the kind of relaxed, unbothered power that says, “This isn't effort. This is foreplay.”

Meanwhile the high-output charging system keeps your world powered — fridges, music, plotters, underwater lights, that smoothie blender you definitely don’t need but absolutely love. Maintenance is simple, access is intuitive, and the whole unit looks so commanding that even when it’s switched off, it makes lesser engines blush.

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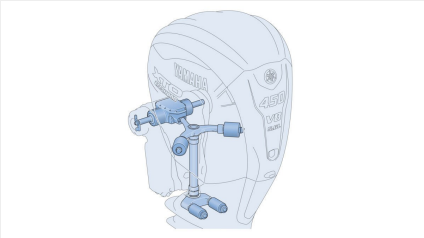
Drive-By-Wire technology

Say goodbye to cables and hello to calm authority. Drive-By-Wire replaces mechanical linkages with smooth digital control, delivering cleaner shifts, sharper throttle response and effortless synchronisation across multi-engine set-ups. It's the difference between driving and commanding.

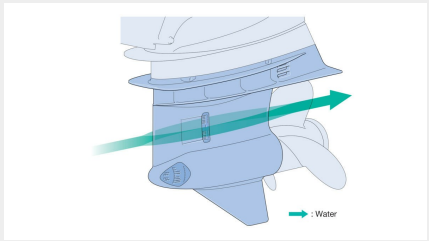


Digital Electric Steering (DES)

Steering that feels lighter than it has any right to. DES delivers silky, intuitive helm control without pumps, hoses or hydraulic clutter — just clean rigging, precise response and steering that stays smooth long after the novelty wears off.

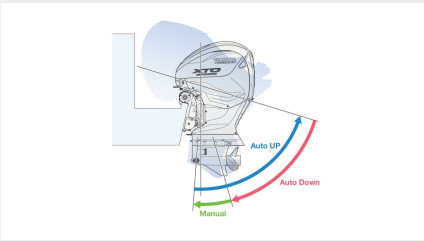
Helm Master® EX compatible

Complex manoeuvres, simplified. Helm Master® EX turns docking, positioning and slow-speed handling into smooth, confidence-boosting moments, with joystick control and intelligent integration that make tight spaces feel far more forgiving.



Thrust Enhancing Reverse Exhaust (TERE)

Back up like a boss. By keeping exhaust bubbles above the anti-ventilation plate, TERE ensures the prop bites only clean water in reverse — delivering stronger, more precise low-speed manoeuvring. Pair it with advanced steering options and enjoy docking that feels almost suspiciously easy.



TotalTilt™

One double-press. Full tilt. TotalTilt™ lets you tilt the engine fully up or down from any position, with a built-in warning buzzer and tilt limiter for added reassurance. No finger cramps. No leaning over the transom like you've lost something.

Electronic Fuel Injection (EFI)

Fuel goes straight to the heart of the action. Direct injection improves atomisation and combustion efficiency, delivering sharper throttle response, stronger performance and more power from every drop. No waste. No hesitation. Just results.

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Dimensions	
Overall length	1217 mm
Overall width	652 mm
Steering angle	31 deg. each direction
Overall height	X: 2059 mm, U: 2186 mm, E: 2313 mm
Engine transom height	X: 640 mm, U: 767 mm, E: 894 mm
Dry weight	447 – 468 kg

Engine	
Ignition / advance system	TCI
Engine oil capacity	7.8 L/ 7.5 L (with / without oil filter replacement)
Compression ratio	12.3:1
Alternator	102 A (battery charging: 96 A)
Lubrication system	Wet sump
Bore x stroke	96.0 × 96.0 mm
Engine type	32-Valve, DOHC with VCT, 60 deg. V8
Displacement	5559 cm^3
Fuel induction system	Direct fuel injection