

YAMAHA MARINE

HOT SHEET

New

EFFECTIVE NOVEMBER 1, 2009

F250 featuring Mechanical Controls

Yamaha's legendary 3.3L F250 has a long-standing reputation for powerful yet fuel-efficient performance, while proudly featuring Yamaha's signature reliability and convenience.

This proven performer is again offered with a mechanical control box.* Ideal for re-powers where mechanical control boxes are already installed, or those applications where drive-by-wire technology is not desired.

- **Smooth, Reliable Mechanical Shifting and Throttle** – works with all Yamaha binnacle and most side-mount mechanical control boxes
- **Reliable and Responsive** – proven 60-degree, 3.3L, V6 design
- **Excellent Acceleration and Mid-Range Punch** – Yamaha's Variable Camshaft Timing (VCT) and exclusive In Bank™ exhaust is standard
- **Operator Convenience** – works with conventional analog or optional Command Link gauges, for even more up-to-the-instant information[▲]
- **Reliable Starting and Outstanding Fuel Efficiency** – Multi-point Electronic Fuel Injection System and electronically-controlled single throttle valve
- **Quiet Operation** – labyrinth exhaust and exhaust pressure reduction systems
- **Ease of Service** – Dependable ECM microcomputer engine control with computerized Yamaha Diagnostic System
- **Lasting Value** – Yamaha's renowned Enhanced Ultimate Corrosion Protection System and water-draining air intake duct
- **Peace of Mind** – advanced engine warning and protection system and standard three year pleasure or government limited warranty



AVAILABLE MODELS: F250TXR • LF250TXR

*Mechanical controls sold separately.

[▲]Consult appropriate Yamaha rigging information and Yamaha Rigging Sheet (YMBS) for complete rigging compatibility and requirements information for particular configurations. All rigging items sold separately.



F250 featuring Mechanical Controls

SPECIFICATIONS

ENGINE

Type	60° V6 DOHC 24-Valve
Displacement	3352cc (204.6 ci)
Bore x Stroke	94 x 80.5mm (3.70 x 3.17 in)
Full Throttle RPM Range	5000 ~ 6000
Horsepower Rating at Propshaft	250hp at 5500 rpm
Compression Ratio	9.9:1
Fuel Induction/Scavenging	EFI/VCT/DOHC
Alternator Output	46 Amp (38 Amp @ 1000 rpm)
Starting Method (See Model Code)	T = Electric w/ PTT
Ignition	TCI Microcomputer
Lubrication	Wet Sump
Degree of Trim	-3° through +16°
Degree of Tilt	67°
Exhaust	Through Propeller
Cooling	Thermostatic Control

DRIVE

Gear Shift	Forward, Neutral, Reverse
Gear Ratio	15:30 (2.00)

SHAFT LENGTH

See Model Code	X = 25"
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FUEL AND LUBRICATION

Recommended Fuel	Regular Unleaded (Minimum Pump Octane 89)
Recommended Fuel Filtration	Yamaha 10-Micron Fuel/Water Separating Filter (external)
Ethanol Blend Limit	10% Maximum
Recommended Oil	Yamalube® 4M (See owner's manual)
Engine Oil Capacity	5.6L (5.9 qt) with filter

WEIGHT

F250TXR	273kg (602 lbs)
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LIMITED WARRANTY

Pleasure	Three Years
Government	Three Years
Commercial	One Year

FEATURES

POWER/PERFORMANCE

- Mechanically Remote-Controlled Four Stroke V6 Outboard
- Narrow 60° 3.3L Block Design
- Variable Camshaft Timing
- Long Track Induction System
- Electronic Multi-Point Precision Fuel Injection
- 6 Independent Fuel Injectors
- 4 Large Radius Valves Per Cylinder
- High Intake Valve Lift
- Double Overhead Camshafts
- In-Bank™ Exhaust
- Exhaust Pressure Reduction System
- Compact, Lightweight Design
- California C.A.R.B. Ultra Low Emissions 3 Star Rating
- Meets all current Federal EPA Emission Standards

RELIABILITY/DURABILITY

- TCI Microcomputer
- Electronic Single Throttle Valve (65mm)
- Direct Drive System
- Wet Sump Lubrication
- Engine Warning System
- Sacrificial Anodes
- Forged Pistons
- Water Cooled Rectifier/Regulator
- Water Separator
- Direct Ignition
- YDC 30 Aluminum Alloy
- ACP 221 Paint Process
- Top Mounted Electrical
- High Output Alternator
- SST Drive, Prop, Shift Shafts
- SST Steering Tube
- Magnetic Drain Plug
- Dual Water Intake Gearcase

CONVENIENCE/CONTROL

- Command Link® System[▲]
- Power Trim & Tilt
- Freshwater Flush
- Easy Maintenance
- Reversible PTT Switch
- Counter Rotation "LF" Model
- Yamaha Diagnostic System
- Multi-Charge Monitoring System
- Single Belt Drive System

Primary ID Prefix: 6P2

RIGGING OPTIONS

GAUGES[▲]

Command Link	Compatible
Yamaha Multifunction	Compatible
External NMEA-2000® Display	Compatible [▲]
Analog	Compatible
Command Link® Plus	Not Compatible

CONTROLS[▲]

Mechanical (Cable)	Compatible
Command Link Plus Digital Electronic Controls	Not Compatible
Command Link Digital Electronic Controls	Not Compatible

KEY SWITCHES AND LANYARDS[▲]

Command Link	Compatible
Conventional	Compatible
Command Link Plus	Not Compatible

MISCELLANEOUS[▲]

Command Link Gateway	Compatible
Analog Gauge Interface	Compatible
Command Link Triducer®	Compatible
Y-COP™ (Immobilizer)	Not Compatible

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Due to Yamaha's ongoing commitment to product improvement, we reserve the right to change without notice, equipment, materials, or specifications.

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