featuring “Command Link® Plus” Compatibility

Yamaha’s F350 is the undisputed king of the offshore world. The world’s only 350-horsepower, 5.3-liter, V-8 outboard, it represents the absolute leading edge of outboard reliability, power, and innovation. With the addition of Yamaha’s new Command Link Plus system, the F350’s level of innovation has taken a big leap forward.

Command Link Plus integrates new Digital Electronic Controls, a new comprehensive Digital Display Gauge, new wiring harnesses, and newly-available external display options into one easy-to-use, plug-and-play system. And, like all things Yamaha, reliability is built-in.

Now, with all that outboard power comes a new level of convenience and control. The new F350 with Command Link Plus.

- **Smooth, Digital Electronic Shifting and Throttle** – works with all Yamaha binnacle and side-mount Command Link and Command Link Plus Digital Electronic Controls
- **Reliable and Responsive** – proven 60-degree, 5.3L, V8 design
- **Unbelievable Acceleration and Mid-Range Punch** – Yamaha’s Variable Camshaft Timing (VCT) and exclusive In Bank™ exhaust with Power Surge Chambers is standard
- **Reliable Starting and Outstanding Fuel Efficiency** – Multi-point Electronic Fuel Injection System and electronically-controlled single throttle valve
- **Operator Convenience** – Variable Trolling RPM Control is standard (when properly equipped with a Command Link Plus Digital Display Gauge or Command Link Tachometer), and it can be configured to operate with a variety of different gauge systems, including Command Link Plus, Command Link, an external display using NMEA 2000® communication...even analog
- **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 advanced UCP-II™ 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
# F350 Specifications

## Specifications

### Engine
- **Type:** 60° V8 DOHC 32-valve
- **Displacement:** 5330cc (325.3 ci)
- **Bore x Stroke:** 94 x 96mm (3.70 x 3.78 in)
- **Full Throttle RPM Range:** 5000 – 6000
- **Horsepower Rating at Propshaft:** 350hp at 5500 rpm
- **Compression Ratio:** 9.6:1
- **Fuel Induction/Scavenging:** EFI/VCT/DOHC
- **Alternator Output:** 50 Amp (40 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

### Engine Oil Capacity
- **Recommended Oil:** Yamalube® 4M (See owner’s manual)
- **7.8L (8.2 qt) with filter**

### Drive
- **Gear Shift:** Forward, Neutral, Reverse
- **Gear Ratio:** 15:26 (1.73)

### Shaft Length
- **See Model Code:**
  - X = 25”
  - U = 30”

### Fuel and Lubrication
- **Recommended Fuel:** Regular Unleaded (Minimum Pump Octane 89)
- **Recommended Fuel Filtration:**
  - Yamaha 10-Micron Fuel/Water Separating Filter (external)
  - 10% Maximum
- **Ethanol Blend Limit:** 10% Maximum
- **Recommended Oil:** Yamalube® 4M (See owner’s manual)
- **Engine Oil Capacity:** 7.8L (8.2 qt) with filter

### Weight
- **F/LF350XCA:** 365kg (804 lbs)
- **F/LF350UCA:** 373kg (822 lbs)

### Limited Warranty
- **Pleasure:** Three Years
- **Government:** Three Years
- **Commercial:** One Year

### Rigging Options

#### Gauges
- Command Link® Plus Compatible
- Command Link Compatible
- Yamaha Multifunction Compatible
- External NMEA-2000® Display Compatible
- Analog Compatible

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

#### Key Switches and Lanyards
- Command Link Plus Compatible
- Command Link Compatible
- Conventional Not Compatible

#### Miscellaneous
- Command Link Gateway Compatible
- Analog Gauge Interface Compatible
- Command Link Triducer® Compatible
- Y-COP™ (Immobilizer) Compatible
- Variable Trolling RPM Compatible

### Features

#### Power/Performance
- Four Stroke V8 Outboard
- Large Displacement (5.3L)
- Narrow 60° Block Design
- Variable Camshaft Timing
- Long Track Induction System
- Electronic Multi-Point Fuel Injection
- 8 Independent Fuel Injectors
- 4 Large Radius Valves Per Cylinder
- Large Intake Valve Lift
- Double Overhead Camshafts
- In–Bank® Exhaust with Power Surge Chambers
- Exhaust Pressure Reduction System
- 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 (81mm)
- Dimpled Cylinder Sleeves
- Wet Sump Lubrication
- Engine Warning System
- Ionic Combustion Sensors
- Forged Pistons
- Water Cooled Rectifier/Regulator
- Water Separator
- Direct Ignition
- YDC 30 Aluminum Alloy
- ACP 221 External Paint Process
- Electro–deposited Powerhead Paint Process
- Top Mounted Electrical
- Enhanced Ultimate Corrosion Protection System (UCP–II™)
- High Output Alternator
- SST Drive, Prop, Shift Shafts
- SST Steering Tube
- Magnetic Drain Plug
- Dual Water Intake Gearcase

#### Convenience/Control
- Programmable Tilt Stop
- Freshwater Flush
- Reversible PTT Switch
- Command Link Digital Electronic Controls
- Single Belt Drive System
- Counter Rotation “LF” Model
- Yamaha Diagnostic System
- Multi-Charge Monitoring System

**Primary ID Prefix:** (25” ‘X’ Shaft) 6AW
(30” ‘U’ Shaft) 6AX

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* ↑ 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.

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