

YAMAHA MARINE

# HOT SHEET

New

EFFECTIVE NOVEMBER 1, 2009

## 350 four stroke V8

### 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



AVAILABLE MODELS: F350XCA • LF350XCA • F350UCA • LF350UCA

▲ 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.



# F350 featuring "Command Link® Plus" Controls, Gauges, and Rigging

## 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

### DRIVE

Gear Shift	Forward, Neutral, Reverse
Gear Ratio	15:26 (1.73)

### SHAFT LENGTH

See Model Code	X = 25" U = 30"
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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	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<sup>▲</sup>

Command Link® Plus	Compatible
Command Link	Compatible
Yamaha Multifunction	Compatible
External NMEA-2000® Display	Compatible <sup>▲</sup>
Analog	Compatible

### CONTROLS<sup>▲</sup>

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

### KEY SWITCHES AND LANYARDS<sup>▲</sup>

Command Link Plus	Compatible
Command Link	Compatible
Conventional	Not Compatible

### MISCELLANEOUS<sup>▲</sup>

Command Link Gateway	Compatible
Analog Gauge Interface	Compatible
Command Link Triducer®	Compatible
YCOP™ (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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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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