





## THERE'S A SPECIAL FEELING OUR BOATERS LIKE TO CALL THE YAM-AHA MOMENT.

It happens when they turn the key, and their Yamaha starts right up. Or when they go to start their Yamaha again, only to realize it's already running quietly. It happens when they accelerate effortlessly to plane, or brave swells with confidence, knowing their Yamaha will return them to port before the storm. These are the moments. The "AHA" moments when they're reminded that Yamaha was the right choice.

As boaters ourselves, we can't wait to show you what's next. Like the water's lightest 25-hp outboard, one of the most powerful F90s available and exciting enhancements to our V8 F350C. And that's just for starters. Two new outboards are now available in both digital electronic and mechanical controls. We've added more 25-inch-shaft models to our V MAX SHO® series. And Helm Master® features exciting, new functionality for even more intuitive control.

With each turn of the page, you'll find another "AHA". It's why boaters and boat builders choose Yamaha again and again. They know they can count on us, not simply to provide a reliable boating experience, but a better and more satisfying one—and that's *the real "AHA" moment*.

Reliability Starts Here.®



#### **NEVER SETTLE FOR ANYTHING LESS THAN THE F350C.**

Yamaha's new, purpose-built 5.3-liter 350-horsepower V8 outboard is the one to count on when you want nothing to come between you and the offshore horizon. It powers to the front of the fleet by delivering reliability and confidence when you're taking control of the open water. Designed to withstand harsh offshore conditions, the F350 is backed by an unprecedented, industry-leading five-year limited warranty.\* It's truly unmatched in its horsepower class for thrust and trust.

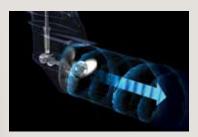


Yamaha works as hard as you do. Captain Hunter Caballero knows firsthand about the importance of reliability in less-than-ideal conditions. Learn more about what Yamaha's F350s mean to his four-vessel fleet at Paradise Outfitters in Venice, Louisiana, by visiting YamahaOutboards.com/Yamaha-Advantage/Reliability.





**BIG POWER.** Four oversized valves per cylinder increase breathing efficiency and feed this engine's power and torque.



**TOUGH AND EFFICIENT.** With hardened gears and high-strength, oversized bearings and bearing surfaces, its ultra-tough gearcase is built to handle the incredible power of the F350C.



**ENHANCED COWLING DRAIN SYSTEM.** 

This drains away water that enters the cowling during normal operation by routing incoming air through a labyrinth of passages. This traps and drains water before it enters the engine's intake.



**STRONG AND STABLE.** Its strongforged, aluminum motor mounts are compressed in molds for greater strength than cast aluminum mounts, and its oversized mounting bracket features six bolts (two more than our F250) to minimize noise and vibration.

#### **NOTHING COMPARES TO THE F350C.**

When our 350-horsepower V8 originally launched, its 60° DOHC 32-valve 5.3-liter design completely redefined offshore power. A decade later, it still provides twice the displacement of some competitors. Even with all that power, the F350C is C.A.R.B. Three-Star Rated and runs on economical 89 octane. It's an engineering



achievement, and its impressive displacement and advanced valve train increase power and throttle response, easily producing 350 hp. That's unlike a supercharged six cylinder, which has to work harder per cylinder just to hit 350 horsepower. And you know what that means—more wear and tear on the engine and potential reliability issues.



Even more reason to make the V8 F350C your power of choice, offshore. In fact, we're so confident in its engineering and reliability that we've made it the only outboard in its horsepower class with a standard five-year limited warranty.\*



\*Five-Year Limited Warranty provided by Yamaha Motor Corporation, U.S.A. on new F350C model only with production dates of March. 2016 forward.



#### THE POWER OF COMPLETE CONFIDENCE.

Yamaha's 5.3-liter 350-horsepower V8 has the power to get you where you need to go and the reliability to get you back. It's designed and built to go the distance. Purpose-built for offshore toughness, the F350C allows you to have total reassurance in your outboard. It also allows you to have effortless control.

**Compatible with Helm Master**®\* Our groundbreaking, fully integrated boat control system, Helm Master makes maneuvering a large offshore boat effortless, intuitive and precise. You'll feel in complete control, whether you're maneuvering into tight marina berths or cruising the open sea. You'll also feel at one with your boat, being able to adjust and customize functions such as automatic outboard trim, speed control

and automatic steering friction control, for a smooth, HELM MASTER FULLY INTEGRATED BOAT CONTROL SYSTEM comfortable, efficient offshore run.





KEEPS HEADING

KEEPS POSITION & HEADING

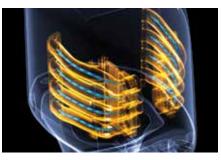
**FISH POINT.**™ Stay on top of the fish, while making the least amount of noise with Helm Master's new Fish Point™ function. Point your bow/stern into the current, and it maintains your position, using low RPM.

**DRIFT POINT.™** Working a wreck. Lazily floating the current with family. This is when being able to maintain your heading while drifting comes in handy. That's exactly why Helm Master's new Drift Point™ function was designed.

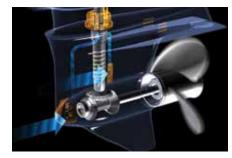
**STAY POINT.**™ Waiting for a bridge. Waiting for your turn at the fuel dock. There are many reasons you'd want to stop and hold your position and heading. Now, you can with Helm Master's Stay Point™ function.



**INCREDIBLE THRUST.** Variable Camshaft Timing creates awe-inspiring thrust throughout the low and middle RPM ranges.



FUEL EFFICIENCY. Precision Multi-Point Electronic Fuel Injection works in concert with long-tube intake tracks and an In-Bank™ Exhaust System for maximum efficiency and compact design.



**BETTER COOLING.** Dual forward and side-mounted water inlets operate independently (as pairs) to help keep the engine cooler in a variety of applications and conditions.



AVAILABLE WITH HELM MASTER.\* Harness the power of the Yamaha V8 F350C with Helm Master, our fully integrated boat control system. It's now available for twin-, triple- and quad-engine configurations. To learn more about Helm Master's functionality, see page 50.

\*Some restrictions apply. Helm Master available on select new twin, triple and quad Yamaha outboards installed on new boat packages manufactured by participating boat



#### THE ADVANTAGES OF OFFSHORE INNOVATION.

A hundred miles offshore, in rough seas and high winds—that's where our V6 Offshore four strokes are right in their element. They're made to handle big waters, with 4.2 liters of big-bore displacement. But for outboards big on power, they're deceptively light and quick. From the mighty 300 hp and 250 hp through the feisty 225 hp, our V6s are a versatile bunch. In fact, both the 250 hp and 225 hp are available with either mechanical or digital controls. Now, everyone who ventures offshore can enjoy the confidence of a 4.2-liter Yamaha V6.



**Reliability in Action.** Captain Shannon Pickens' competitive charter business runs on the durability and versatility of his Yamaha F250s. Visit YamahaOutboards.com/Yamaha-Advantage/Reliability to watch his story.



#### **CONFIDENCE BY DESIGN.**

and fuel systems with the touch of a button.

Offshore conditions can be unpredictable. Your outboard shouldn't be.

That's why every Yamaha V6 Offshore four stroke is engineered for maximum reliability, so you can face every offshore challenge with confidence. For that same peace of mind at the dock, take advantage of the optional Y-COP®

Theft-Deterrent System, which disables your ignition

For even greater confidence and control, our entire V6 Offshore line—300, 250 and 225 hp—is compatible with Helm Master, Yamaha's fully integrated

HELM MASTER Compatible digital boat control system. Helm Master makes maneuvering and docking a large offshore boat with up to four outboards intuitive, precise and incredibly

Customer Outboard Protection Security System

easy. With new features that improve functionality for fishing, drifting and staying on point (see page 50), Helm Master makes captaining a craft with multiple V6 outboards even more effortless.





#### LIGHTEST WEIGHT IN CLASS.

An advanced lower engine pan made of composite polymer keeps engine weight down and increases corrosion resistance.



#### PLASMA-FUSED CYLINDERS.

Lighter and stronger than steel, plasma-fusing results in larger cylinder bores, which increase displacement, power and torque while reducing weight.



AIR INTAKE LABYRINTH SYSTEM.

A system of passages helps filter out water from air entering the engine's intake for maximum reliability.

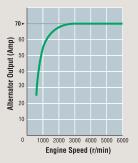


INCREASED COOLING CAPACITY.

Dual water inlets channel water flow to keep the engine cool in a variety of applications and conditions.

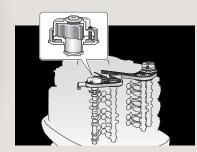






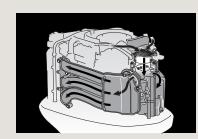
#### **BEST-IN-CLASS CHARGING POWER.**

The V6 Offshore engines offer up to 70 amps of total alternator output, almost 30 percent more charging power than other V6 four strokes. This kind of power is vital for operating today's array of electronic devices.



#### **THROTTLE RESPONSE AND**

ACCELERATION. Variable Camshaft Timing gives the V6 Offshore Series impressive hole shot and midrange acceleration.



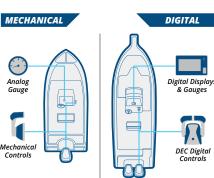
#### LONG-RANGE FUEL ECONOMY.

An electronically controlled single throttle valve and Precision Multi-Point Electronic Fuel Injection make these outboards up to 17 percent more fuel efficient.



#### INNOVATION THAT GOES THE DISTANCE.

The V6 Offshore F300, F250 and F225 have redefined the limits of offshore innovation. In keeping with that spirit, the F250 and F225 break another barrier. They now bring Yamaha V6 Offshore performance to boats with mechanical controls. So boaters with mechanical rigging can take advantage



of the same big V6 power, light weight and efficient four-stroke performance that boaters with digital rigging have been enjoying for years. They can also enjoy an easy step up in displacement from 3.3 liters to 4.2 liters.

It's also easier than ever for mechanical boats to add horses without adding weight. With streamlined features like plasma-fused cylinders, the mechanical F250 and F225 are both nearly 50 pounds lighter than their 3.3-liter counterparts. But lighter weight is hardly their only improvement. The 4.2-liter 250 and 225 also offer almost 30 more amps of charging power than the 3.3-liter outboards.

DEC Digital

Now, most of our V6 Offshore Series is available with either digital or mechanical controls, and DEC models are compatible with our Helm Master® boat control system. With such convenient compatibility and innovative technology, it's hard to see why any offshore boater would settle for less than a Yamaha V6 Offshore four stroke.

V6 4.2L Offshore Models: *300, 250, 225* (

AVAILABLE IN BOTH DIGITAL AND MECHANICAL







#### **DESIGNED WITH ADVENTURE IN MIND.**

The legendary Yamaha F150 hardly needs an introduction. After more than 10 years on the water, it's still the best-selling 150-horsepower four stroke of all time. And it's not only popular; it's proven reliable. The F150 has earned its stripes, powering everything from pontoons to flats boats and deep-V hulls. Its design and performance began a legacy that continued with the F175 and F200.

Now, the entire lineup is available with digital controls, and the 150 and 200 hp are also compatible with HelmMaster. This makes their advanced technology available to more boaters than ever before. Whether your rig is digital or mechanical, the entire I-4 lineup is compatible with your control preference. And, of course, they're all backed by Yamaha's Three-Year Limited Warranty. So gear up for adventure, because with the reliable power of a Yamaha I-4 behind you, you're ready for whatever lies ahead.



All boat passengers are wearing USCG-approved type III floatation devices.

#### THE RIGHT OUTBOARDS FOR ALMOST ANY JOB— WITH THE RÉSUMÉ TO PROVE IT.

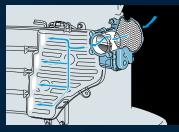
From cruising the bay to angling offshore, Yamaha In-Line Fours are the perfect fit for nearly every boating application. Though the best-selling F150 is the original fan favorite, its streamlined engineering inspired impressive successors, like the powerful F175 and the forward-thinking F200, which is the lightest DOHC outboard in its class. They all feature next-gen tech, deliver breathtaking acceleration and midrange punch, and are compatible with both digital and mechanical controls.

In 2017, the In-Line Four family has some exciting news—the F200 and F150 DEC models are now compatible with Helm Master,®



Yamaha's fully integrated boat control system. Helm Master's joystick docking and maneuvering and customizable control make captaining a boat

with twin I-4's more intuitive and precise. And this year, Helm Master offers even greater control and more exciting functionality. See page 50 for details.



**OPTIMUM POWER.** Precision Multi-Point Electronic Fuel Injection and a long-track intake system combine to maximize power and fuel efficiency across the line of In-Line Fours (except F150).



A proven 16-valve DOHC in-line design, with four valves per cylinder maximizes efficiency and power. It also streamlines design, giving the F200 class-leading power-toweight and making the F175 nearly 30 pounds lighter than its closest 1.7-liter competitor.





**FUEL EFFICIENT** 

**LIGHT WEIGHT** 

**POWERFUL** 





## NOTHING COMPARES TO OUR 200 HP I-4.

Our IBEX® award-winning I-4 outboards feature 2.8-liter displacement, Variable Camshaft Timing and a responsive 16-valve DOHC powerhead. This maximizes volumetric efficiency and power, merging two-stroke performance with four-stroke efficiency—and resulting in the best power-to-weight ratio in its class.

Lighter than the competition and more fuel efficient than previous designs, this I-4 is the perfect, lightweight 200-hp solution for small- to medium-size offshore boats.

# more repower **FLEXIBILITY**



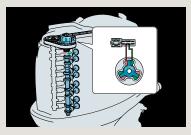
The new in-line four strokes are ready to repower your rig. It couldn't be easier to switch to a Yamaha In-Line Four. The 26-inch mounting centers and bolt pattern on our F200, F175 and F150 are the same as those on our two strokes. Even more convenient,

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**@YAMAHA** 

ustrake

the entire I-4 family is now compatible with either mechanical or digital controls. Plus, our entire lineup is well under 500 pounds, making a step up in horses a possibility for a variety of smaller boats. Everyone wins.

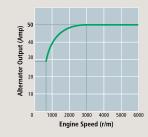


#### **QUICK ACCELERATION.** The

In-Line Four F200 features Variable Camshaft Timing (VCT), which advances or slows the camshaft timing based on engine load and RPM, improving intake and exhaust efficiency and boosting torque in the 2,000 to 3,500 RPM range.



**EASY ENGINE FLUSHING.** A freshwater flush device allows you to flush the engine without running it, for added convenience and extended engine life.



**BETTER CHARGING.** With up to 50-amp alternators, our In-Line Fours provide plenty of power for a range of electronics.



**MINIMAL VIBRATION.** Twin counterbalancing shafts minimize engine vibration for a smooth ride.

#### **OUR I-4 OUTBOARDS JUST KEEP GETTING BETTER.**

Fueled by smart engineering and proven performance, Yamaha In-Line Four Strokes have enjoyed more than a decade of uninterrupted popularity. Still, Yamaha engineers are full-throttle on design advancements. Though they keep evolving, our I-4 150, 175 and 200 are still backed by our four-stroke Three-Year Limited Factory Warranty. And whether you choose Command Link,® Command Link Plus® or Helm Master,® you can also count on our robust Three-Year PowerMatched® Limited System Warranty on boats rigged with Yamaha control systems.

2013 International BoatBuilders' Exhibition and Conference (IBEX) Innovation Award Winner, In-Line Four F200

# In-Line Four Models: 200, 175, 150 AVAILABLE IN BOTH DIGITAL AND MECHANICAL





#### PERFORMANCE THAT ELEVATES EXPECTATIONS.

There's simply no substitute for the V MAX SHO® Series of outboards. Just ask Yamaha's pro anglers. Once you experience their 4.2-liter big-bore displacement, signature four-stroke fuel economy and a hole shot that's up to 13 percent faster than two strokes, there's no going back. Even off the pro tournament circuit, anglers won't settle for anything less than two-stroke hole shot and four-stroke efficiency all in one outboard. That's exactly what the V MAX SHO delivers—performance that's faster, stronger, smarter and lighter than the competition. And now, the V MAX SHO 250 is available in a 25-inch shaft, making the V6 4.2-liter V MAX SHO the power of choice for even more anglers—and raising expectations even higher.



# 0 28 | VF250 - VF200 hp

## THE ONE AND ONLY YAMAHA FOUR-STROKE 4.2L V6 V MAX SHO.®

It was engineered to exceed expectations from the outset. With a hole shot quick enough to outperform a two stroke, it defied the expectations of any four stroke that had come before. And that was just the beginning.

# **FASTER**

A POWERFUL V6 V MAX SHO ENGINE produces a hole shot up to 13 percent faster than competitive two strokes.

# STRONGER

offer 4.2 liters of displacement and Super High Output performance.

## **SMARTER**

**FOUR-STROKE DESIGN** gives the V MAX SHO 4.2-liter V6 outboards up to 12 percent better fuel economy than previous two-stroke V MAX® models.



2010 International BoatBuilders' Exhibition and Conference (IBEX) Innovation Award Winner, V MAX SHO

# LIGHTER

**SMART ENGINEERING** blends light weight with durability, making the V6 V MAX SHO four strokes more than 30 pounds lighter than previous two-stroke V MAX models.



#### TAKE THE GAME TO A WHOLE NEW LEVEL.

Competitors beware: the V MAX SHO® is prowling new waters. Now, the same exhilarating performance that bass anglers can't live without is available for the multi-species crowd, too. Introducing the 25-inch-shaft V MAX SHO 250. It's a perfect fit for deep-V and multi-species fishing boats, center consoles, bay boats, deck boats and pontoons with 25-inch transoms. For smaller 25-inch-transom boats, the

I-4 V MAX SHO 175 and 115 also offer 25-inch shafts. That's good news for walleye anglers across the board—because it means the raw power and efficient performance of a V MAX SHO is available to suit an even greater range of applications.

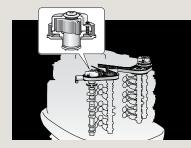
**NEW 25" SHAFT.** Walleye hunters and pontoon cruisers, rejoice. V MAX SHO performance is now available for 25-inchtransom boats. This is also great news for bay boaters and center console captains.



from 22 to 27 inches, for fine-tuning

wide-open-throttle RPM for

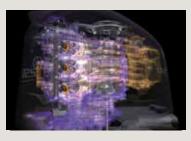
tournament-level performance.



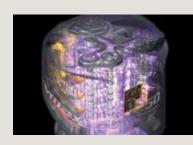
**RESPONSIVE THROTTLE.** Midrange punch and instant throttle response created by Variable Camshaft Timing has to be felt to be believed.



**COMPACT POWERHEAD. Plasma**fused sleeveless cylinders allow us to enlarge cylinder bores without increasing cylinder dimensions.



**FUEL EFFICIENT.** Micro-textured cylinder walls and a new intake system greatly improve fuel economy—an average of 12 percent better than the two-stroke V MAX® Series 2.



**LIGHT WEIGHT.** With a re-engineered cowling, engine bracket and lower engine pan, 20-inch-shaft models are a full 34 pounds lighter than their predecessor, the two-stroke V MAX Series 2.

#### OWN THE GAME. PLAY TO WIN.

The day the first V MAX SHO hit the water, the bass game changed forever. Right away, anglers took notice. How could they not? With the strength of a two stroke, the clean-burning efficiency of a four stroke and class-leading hole shot and displacement, these mighty machines were impossible to ignore. In fact, the V6 four-stroke V MAX SHO 250, 225 and 200 are still the reigning champs. And now, with the addition of the 25-inch-shaft V MAX SHO 250, this power player is ready for a new game. Get to know these fearsome fighters and you'll see they're engineered with competition in mind.



## **V MAX SHO 4.2L Models:** *250, 225, 200* (

VF250 AVAILABLE IN 20" AND 25" SHAFT LENGTHS





YamahaOutboards.com



#### MEET A NEW SPECIES OF PREDATOR.

The four-stroke V MAX SHO has achieved the unthinkable—time and again. First it converted two-stroke bass anglers to four-stroke power. Then, it evolved into a leaner, meaner, smarter predator, packing V MAX SHO strength into a streamlined 2.8-liter In-Line Four design. Ingeniously engineered, the V MAX SHO 150 was the first of its kind, weighing only 480 pounds and winning an IBEX® Innovation Award. It brought V MAX SHO performance to a new crowd and spawned the next-gen V MAX SHO 175, 115 and the 25-inch-shaft 150. Now, this ferocious family has expanded again, with the addition of the 25-inch-shaft V MAX SHO 175 and 115. The full line features advanced technology that's ahead of its time, and DNA that's undeniably V MAX SHO.

Just like the 25-inch-shaft V MAX SHO 150, the new 25-inch-shaft 175 and 115 were made for prowling bigger waters. They bring signature V MAX SHO performance to multi-species and walleye anglers for a competitive edge that runs deeper than ever before.





## **FASTER**

IN A GAME WHERE JUST ONE MPH CAN TURN THE TABLES, the four-stroke V MAX SHO 175 hits a top speed that's over 5 mph faster than Yamaha's V MAX SHO 150.

## **QUICKER**

**FOR INCREDIBLE HOLE SHOT AND MIDRANGE RESPONSE,** count on the V MAX SHO 175's next-gen variable camshaft timing and 16-valve DOHC design.

## **SMARTER**

THE FUEL EFFICIENT V MAX SHO 175

offers four-stroke performance that uses up to 40 percent less fuel than a traditional carbureted two stroke.



**WYAMAHA** 

VIII

The 1.8-liter I-4 V MAX SHO® 115 is tricked out with tech unheard of in its class, including a long-track intake system, free-flow exhaust and knock sensor. Still, it weighs a mere 377 pounds—just over 10 pounds lighter than a competitor's *two stroke*. Combine its class-leading DOHC



power-to-weight and its 16-valve design with four valves per cylinder, and you not only have improved efficiency, power and midrange torque—you also have Yamaha's fastest four-stroke 115 *ever*.



#### MEET THE EXTENDED FAMILY.

The addition of 25-inch-shaft options on the V MAX SHO 175 and 115 means the full line of I-4 V MAX SHOs now offers the option of an extended shaft. For multi-species boats, bay boats, pontoons and other boats with 25-inch transoms, these new models deliver super-high-output performance in a convenient range of horsepowers.

**SMOOTH.** A 2.8-liter, four-cylinder powerhead with double overhead cams, four valves per cylinder and twin counterbalancing shafts perform consistently quiet and smooth.

**FUEL EFFICIENT.** Advanced-technology four-stroke design makes the V MAX SHO® 150 up to 40 percent more fuel efficient than traditional carbureted two strokes.

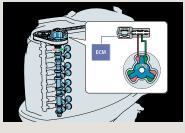
**EASY RIGGING.** The mechanical controls on our I-4 V MAX SHO outboards make rigging easy for most bass, bay and flats boats. Simply choose from analog, 6Y5 digital or Command Link® gauges.

**EXTRA SPACE.** Thanks to streamlined four-stroke design, no external oil tank is necessary, saving approximately 28 pounds. Take advantage of the extra storage room for tackle and other supplies.



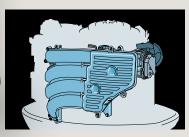
**V MAX SHO SERIES PROPELLERS.** Now available in 22" and 23" pitches specifically for fine-tuning the performance of 20-inchshaft I-4 V MAX SHO outboards on bass, bay and flats boats.

YamahaOutboards.com

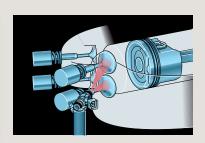


#### MIDRANGE POWER AND RESPONSE.

Variable Camshaft Timing on the V MAX SHO 175 and 150 optimizes the angle of the intake camshaft to increase power and throttle response in the low- and mid-RPM ranges.

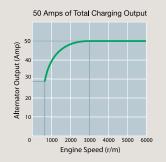


**RESPONSIVE THROTTLE.** A single electronically controlled throttle valve, a long-track intake system and a resonator work in concert to give the In-Line Four V MAX SHO outboards a remarkably responsive throttle.



#### **OUIET POWER AND PERFORMANCE.**

The I-4 V MAX SHO design maximizes combustion efficiency in a way that no two stroke can, delivering clean, quiet power and performance.



#### **AMPLE CHARGING POWER.**

At 50 amps, the V MAX SHO 175 and 150 alternators boast an 11 percent increase in charging power over the two-stroke 150 HPDI.®

#### THE EVOLUTION OF THE ULTIMATE PREDATOR.

First, the V MAX SHO brought four-stroke power to the bass circuit, converting two-stroke loyalists along the way. Then, it spawned a new generation of advanced-technology in-line four competitors. Now, this fierce family has grown into a legion of vicious predators. With the introduction of the 25-inch-shaft V MAX SHO 175 and 115, the entire I-4 V MAX SHO line now offers the option of an extended shaft. Combined with Yamaha's Variable



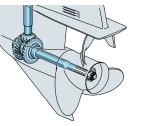
2014 Readers' Choice, V MAX SHO 150

Trolling RPM Switch (VTS®) capability, the extended shaft allows 25-inch-transom multi-species boats to hunt in bigger, rougher waters with powerful precision.



#### **UNBEATABLE RELIABILITY.**

The I-4 V MAX SHO design features a Cowling Drain System and Air Intake Labyrinth System to trap and drain water that enters the cowling during normal operation.



#### **TOURNAMENT TOUGHNESS.**

The I-4 V MAX SHO design features a gearcase with specially hardened pinion, forward and reverse gears for increased reliability.



2013 International BoatBuilders' Exhibition and Conference (IBEX) **Innovation Award** Winner, V MAX SHO 150

### **VMAX SHO I-4 Models:** 175, 150, 115 (HP

AVAILABLE IN 20" AND 25" SHAFT LENGTHS







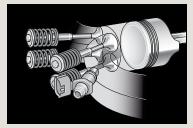
#### FOR SO MANY BOATERS, MIDRANGE IS THE WAY TO GO.

Our Midrange family of four strokes is one of our most comprehensive horsepower lines. This bunch of three- and four-cylinder powerhouses ranges from the F30 to the F115. And new for 2017, the Midrange line features a quicker, lighter F90 and an exciting new F75. From small pontoons to deep-V aluminums and bay boats to jons, the right horsepower is most likely right here. So whether your perfect day on the water means family, friends or fishing, a fuel-efficient Yamaha four-stroke Midrange is the way to go.

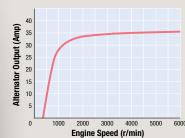


All boat passengers are wearing USCG-approved type III floatation devices.



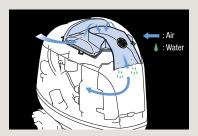


**POWER AND EFFICIENCY.** Precision Multi-Point Electronic Fuel Injection delivers the exact amount of fuel needed for optimum performance and efficiency.



#### AMPLE CHARGING POWER. The 115-, 90- and 75-hp Midrange four strokes feature powerful 35-amp

alternators—a 40 percent increase over previous 90- and 75-hp designs.



**INCREDIBLE RELIABILITY.** Incoming air is routed through the Air Intake Labyrinth System that traps and drains water before it enters the engine's intake for maximum reliability.



**JET PUMP OPTION.** The 90-hp outboard is also available in a jet drive design, ideal for use in skinnies, shallows and rocky-bottom rivers. Also available on the 115-, 60- and 40-hp Midranges.

#### PERFORMANCE IN A CLASS BY ITSELF.

The competition has yet to catch up to the celebrated F70 Midrange. With a two-piece upper case and 10 percent lighter pistons, it's up to 80 pounds lighter than other four-stroke competitors. No one can touch its power-toweight in the class. With specs like that, the F70 is really in a class by itself. Add to that its 16-valve SOHC design and 17 percent larger intake valve area, and it's one of the most responsive outboards on the water. Inshore boaters can't go wrong.

\*Compared to Yamaha's T60



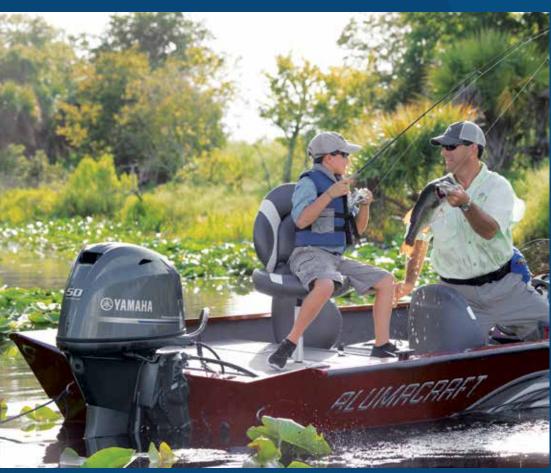
All boat passengers are wearing USCG-approved type III floatation devices.



**NEW TALON® PROPELLERS.** Our new Talon Pontoon propeller brings SDS<sup>™</sup> performance to pontoons, and Talon GP™ brings SDS to lighter boats. Both fit F115 to F70 and T50/T60 outboards.



**HIGH THRUST OPTION.** The 60- and 50-hp outboards are also available in a SOHC 1.0-liter high-thrust design (T60/T50) for pushing heavy loads such as pontoons and sailboats.



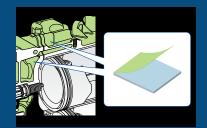
All boat passengers are wearing USCG-approved type III floatation devices.

#### SMALL BOATS. SOLID PERFORMANCE.

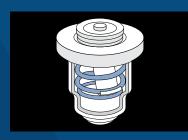
Midrange performance and reliability continue with the F40 and F30. Their SOHC three-cylinder designs feature EFI and electronic control modules, delivering easy starts, fast acceleration and excellent top-end on small inflatables and aluminum fishing boats. For those running in shallow or rocky water, the F40 is also available in a jet pump design. That's solid performance for smaller craft and a range of applications.



**SMART CONTROLS.** The factory-equipped handle on the F40 tiller model features LED lights that signal overheating or low oil pressure conditions. For added functionality, both the F40 and F30 are compatible with our Multi-Function Tiller Handle.



**CORROSION RESISTANCE.** Standard on all Yamaha Midranges F50 and up, our exclusive Phaze Five™ electro-deposited, anti-corrosive paint system, provides a tough, five-layer barrier against corrosion.



**RELIABLE POWER.** Thermostatic Cooling Control helps provide proper engine temperature at all times for consistent performance.



**OPTIMUM OVERALL PERFORMANCE.** Microcomputer Ignition, featured in all Yamaha Midranges, adjusts timing to maintain optimal engine performance, economy and power under all operating conditions.



**POWERFUL HOLE SHOT.** A Composite Intake Manifold with pulse-tuned intakes increases airflow, boosting torque for a powerful hole shot and max acceleration.

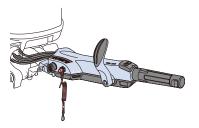
#### A LINE THAT SHOWS POWERFUL RANGE.

Our entire Midrange line is engineered to provide turnkey starts and fast, efficient power for a range of inshore boats. From the F115 to the F30, they feature DOHC or SOHC designs, precision valve timing and electronic fuel injection. This results in lighter weights, impressive acceleration and signature Yamaha fuel efficiency. Selected horsepowers even include jet pump (115/90/60/40) and high thrust (60/50) options—accommodating an even broader range of boaters.



#### **NEW HELM-MOUNTED VTS.®**

VTS is now available as a helmmounted remote for those who want the convenience of 50-RPM trolling speed adjustments without the need for Command Link® or the Multi-Function Tiller Handle. Compatible with all Midrange models.



CONTROL AND COMFORT. Our optional, award-winning Multi-Function Tiller Handle features a Variable Trolling RPM Switch (VTS). It allows for precision trolling speed adjustments in 50-RPM increments. Compatible with all Midrange models.

## **Midrange Models:**

115, 90, 75, 70, 60, 50, 40, 30 (HP

F-SERIES: 115 – 30 hp T-SERIES: T60, T50







#### TAKE IT WHEREVER THE DAY MAY TAKE YOU.

Our smallest outboards—Portables—have some of the biggest news for 2017. The lineup now includes the water's lightest 25-horsepower outboard—two stroke OR four stroke. The news has rocked the industry and made the Yamaha four-stroke Portable line our most expansive category yet. From small sailboats to jons and tenders to inflatables, the family offers travel-size power in horses perfect for your boat and application. With the smallest model weighing just 37 pounds, you can take a Yamaha Portable just about wherever the day takes you.



#### **MEET THE WATER'S LIGHTEST 25-HP FOUR STROKE.**

The all-new Yamaha F25 is the lightest 25-horsepower outboard on the water—two stroke or four stroke. In fact, its SOHC two-cylinder design creates a power-to-weight ratio that's not only class-leading; it's category-jumping. Up to 25 percent lighter than its previous design, the F25 is now so light, it's joined our Portables lineup. This means you can have 25 horses in previously unimaginable places. Jon boats. 14-foot aluminum fishing boats. The bed of your truck. In fact, to lighten the load even more, the F25 features a revolutionary new battery-less EFI system that reduces overall weight. Pull-start models can now take advantage of this feature, plus the system is designed to require minimal effort for manual starting. Its streamlined design also packs signature Portable



CLASS-LEADING POWER TO WEIGHT.
The completely reimagined F25 is up to 25 percent lighter than its previous design, and lighter than any other 25-hp outboard on the water—two stroke or four stroke.

features such as an oil-retention system for leak-free, on-side storage capability, in addition to exciting new features, like a through-cowling, one-pull start on most electric start models and an electric start kit for retrofitting manual models. This makes the completely reimagined Yamaha F25 one of the most exciting little outboards to hit the water in years.

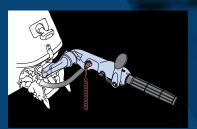




RELIABLE STARTS. The all-new F25 features no-battery-required Electronic Fuel Injection (EFI), which contributes to its incredible light weight and makes for easy starts.



VARIABLE TROLLING. The Variable Trolling RPM Switch (VTS®) on our Multi-Function Tiller Handle allows for precision adjustment of trolling speeds, from 750 to 1050 RPM, in 50-RPM increments. It even offers sub-idle trolling up to 150 RPM below normal idle speed.



control and comfort. The F25 has a shortened tiller handle for more convenient control of small jon boats. It features VTS for precision adjustment of trolling speeds, sub-idle trolling and better fishing.



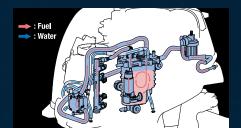
**EASY OIL CHANGES.** The F25 features an external oil draining system for easy oil changes by the boater or the dealer.



#### SMALL ENGINES. BIG FEATURES.

With SOHC twin-cylinder designs and serving up big 362cc displacement, our light and powerful F20 and F15 are popular picks in our Portable line. Some of the most fuel efficient in their class, they feature a single carburetor and CDI Microcomputer Ignition, which adjusts timing to maintain optimum engine performance, economy and power under all conditions. Because these are commonly used in small bodies of water, their Shallow Water Drive systems help you keep the propeller and lower unit safe in shallow water.





RELIABLE STARTS. The F15 and F20 feature a water-cooled fuel pump, boosting power and preventing warm weather starting issues like vapor lock.



**SMART EVOLUTION.** The F9.9 and the new F8 feature a shorter handle for more comfortable operation. This also ensures that when the handle is hinged back, it tucks in tighter to the cowl for more stable, flexible storage.



**CLEAN-BURNING POWER.** With the addition of the newly certified F2.5, the entire Yamaha fourstroke offering is now California Air Resources Board (C.A.R.B.) Three-Star Rated for Ultra-Low Emissions and meets emissions requirements in all 50 states.



PORTABILITY & STORAGE. Built-in front and rear handles make these lightweights easy to carry. Resting pads and an easy oil retention system allow for convenient side storage without cowling scuffs or oil leakage.



**PORTABLE POWER.** Features such as OHV or SOHC four-stroke design, CDI ignition system, optimally balanced crankshaft and labyrinth exhaust deliver smooth power.



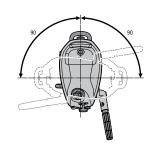
**MAX YOUR OUTBOARD LOOK.** For a consistent, sporty look from your main outboard to your kicker, a new, optional V MAX SHO® Sport Cowl is available for F9.9/T9.9 outboards.

#### IMPRESSIVE LITTLE PERFORMERS.

You'll find power, performance and flexibility throughout our entire line of Portables. In fact, the F8 has stepped up its displacement to 212cc, joining our popular F9.9. They also share SOHC two-cylinder designs with through-hub exhaust for smooth, reliable power. Their forward-mounted controls, optional power tilt and built-in carry handles make operation easy.

Our overhead valve one-cylinder F6 and F4 weigh as little as 59 pounds and our new F2.5 rings in at just 37. Still, they offer powerful performance and impressive features, such as electronic ignition, thermostatic cooling, and 180-degree steering with a dynamically balanced and dampened twist-grip throttle for comfort and convenience.

As if our Portables line didn't already offer incredible flexibility and convenience, select models (T25/T9.9) are also available in High Thrust designs. They make great kickers for multi-species boats and offer added thrust for pushing small, heavy boats, such as sailboats and small pontoons.



#### COMFORTABLE CONTROL.

Ergonomic design, a dampened twist-grip throttle, a large F-N-R handle and 180-degree steering (F8 through F2.5) ensure maximum operator comfort.

#### **Portable Models:**

**2**5, 20, 15, 9.9, 8, 6, 4, 2.5 (



F-SERIES: 25-2.5 hp T-SERIES: T25, T9.9



2016 Boating *Industry* Top Products, Portable F2.5



# HELM MASTER

#### **HELM MASTER® FULLY INTEGRATED DIGITAL BOAT** CONTROL SYSTEM, NOW WITH SET POINT.™\*

We've mastered an even more enjoyable boating experience.

Many captains of large offshore boats have already discovered the incredible ease, convenience and intuitiveness of the Helm Master fully integrated

digital boat control system. Its ability to move a boat in incredibly agile ways has made navigating crowded marinas and tight docking situations much easier.





**SET POINT** is engaged via the button on the new Helm Master joystick, and controlled via Yamaha's new CL7 touchscreen display.

Now, our engineers have found a way to make boating even more effortless—with Set Point. Developed in collaboration with professional anglers, Set Point gives captains even greater boat control for situations such as fishing, maintaining position for the fuel dock or waiting for a bridge, and controlled drifting. With Set Point's three new functions—Fish Point,™ Drift Point™ and Stay Point<sup>™</sup>—boaters can now automatically achieve maneuvers that are often very difficult for even experienced captains.

\*Expected availability May of 2017



Some restrictions apply. Available on select new twin, triple and quad Yamaha outboards installed on new boat packages manufactured by participating boat builders and sold by authorized dealers only.

#### THE SET POINT SUITE OF FUNCTIONS





#### **FISH POINT** - KEEPS POSITION

Stay on top of the fish while making the least amount of noise. Point your bow or stern into the current to stabilize the boat's lateral motion, and select Fish Point/ Bow or Fish Point/Stern to use minimal RPM to hold your position. This is perfect for stationary fishing directly below the boat, and it's as quiet as it gets without dropping an anchor.



Keep your bow pointed in a certain direction and drift. Drift Point uses a dual antenna GPS to maintain your heading. This is great for drift-fishing a wreck, kite fishing or watching a sunset from the stern.





#### STAY POINT

#### - KEEPS POSITION & HEADING

This mode "marks" your position and heading, and uses dual-antenna GPS and Helm Master's independent outboard articulation and thrust vectoring to maintain that spot within 10 feet of your mark in ideal conditions, and within a 75-foot circle in higher winds and currents. Stay Point™ is handy when waiting for a bridge or for your turn to approach a fuel dock.



#### ADD A TOUCH OF TECH (AND TONS OF **FUNCTIONALITY) TO YOUR COMMAND CENTER.**

**Meet the new CL7 touchscreen.**\* It comes standard with all new Helm Master®-equipped boats. This innovative, seven-inch touchscreen display will streamline your dash—while adding so much functionality. Now, you can monitor up to four outboards and a range of critical boat systems all on one display. It's available in two models: one with detailed fresh and saltwater maps built in, and the other with basic maps. The CL7 is also how you access Set Point™ to program your preferences for the new Fish Point,™ Drift Point<sup>™</sup> and Stay Point<sup>™</sup> functions.









MONITOR RPM AND GEAR STATUS FOR UP TO FOUR OUTBOARDS. Helm Master's innovative maneuverability and some of its new Set Point functions are achieved with independent outboard articulation and thrust vectoring. This means that each outboard may be running at a different RPM or in a different gear, all at once, to achieve your desired maneuver. The CL7 allows you to see what each outboard is doing simultaneously.

**PROGRAM OPERATIONAL SETTINGS AND MONITOR PERFORMANCE.** The CL7 allows you to customize such settings as trim position, display appearance and auto-off power-down timing. Through it, you can also adjust steering friction for greater confidence and maneuverability in a variety of boating conditions, and monitor critical boat stats such as fuel or water tank levels.

\*Expected availability May of 2017

#### EVERY COMPONENT ADDS CONTROL AND CONVENIENCE.

Enhanced binnacle control. Electronic steering and key switch. Y-COP® theft-deterrent system. There's control and convenience to be found in every component of the Helm Master system.

#### TWIN, TRIPLE AND QUAD SWITCH PANELS. Use

one panel for up to four outboards, engage all with a single key fob and use the All Start button to start them simultaneously. (All Start on triple switch panel only.)

**MULTI-FUNCTION RFID KEY FOB.** Prepare to start multiple outboards without a key simply by swiping your Yamaha key fob. That same fob activates the Y-COP® outboard theft-deterrent system, which disables your ignition and fuel systems for security while your boat is unattended at the dock.





**ENHANCED BINNACLE CONTROL.** From engine trim to speed control, there's a lot of functionality in Helm Master's enhanced double binnacle.

#### **STATION SELECTOR**

Press this button to select your second station.

#### **SPEED CONTROL**

Once you reach your desired RPM, press Speed Control to hold or throttle up or down with the touch of a button.

#### SINGLE LEVER

Press this button to control up to four outboards with the port-side lever only.

#### TRIM ASSIST

Program trim angles to specific RPMs, setting five points throughout the full RPM range. This automates engine trim as you accelerate or decelerate, maximizing performance and fuel economy.

#### FREE THROTTLE

This button throttles up the selected engine when the shift function is disengaged.

#### **CENTER ENGINE**

Press this button to run only the center engine (or engines) when trolling or in no-wake zones.



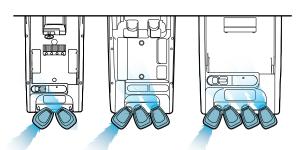
#### THE BEAUTY OF INDEPENDENT OUTBOARD PROPULSION.

When in joystick mode, Helm Master® uses simultaneous forward and reverse propulsion, along with steering control, to position and move your boat.

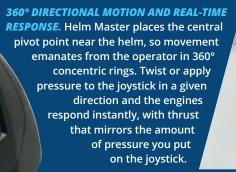
The joystick makes this maneuverability look deceptively simple. But beneath

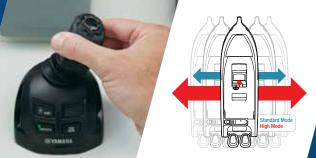
the water's surface, each of your outboards could be in a different gear, at a different angle and at a different RPM to achieve a desired move be it diagonally, side-to-side or pivoting on point.





HELM MASTER OUTBOARD CONFIGURATIONS AND COMPATIBILITY. Helm Master's multi-outboard independent propulsion logic is compatible with Yamaha F350B, F350C and 4.2-liter V6 Offshore outboards in twin, triple and quad configurations. It's also compatible with our DEC I-4 F200 and F150 outboards in twin-engine configurations.\*





**MOVE LATERALLY.** Push the joystick left or right; your boat will follow effortlessly. This is handy when docking in tight places. More pressure on the joystick will create more thrust and directional movement.



**FLEXIBLE MANEUVERING.** Forward or reverse. Left or right. On a diagonal. Pivot in place. Move the joystick in any direction and your boat will follow.



**MAINTAIN DIRECTION.** Push and hold the joystick to continue moving in a desired direction. There's no need to "bump" the throttle, as you might have when using a traditional throttle to dock.

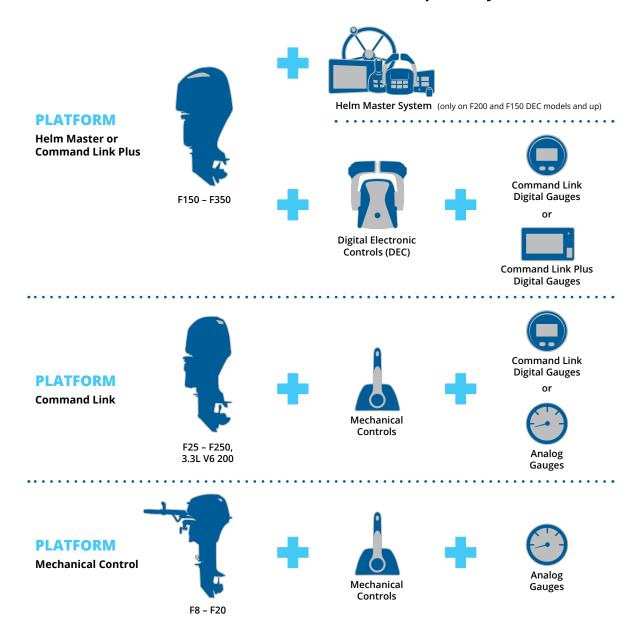
#### **CONTROL SYSTEMS**

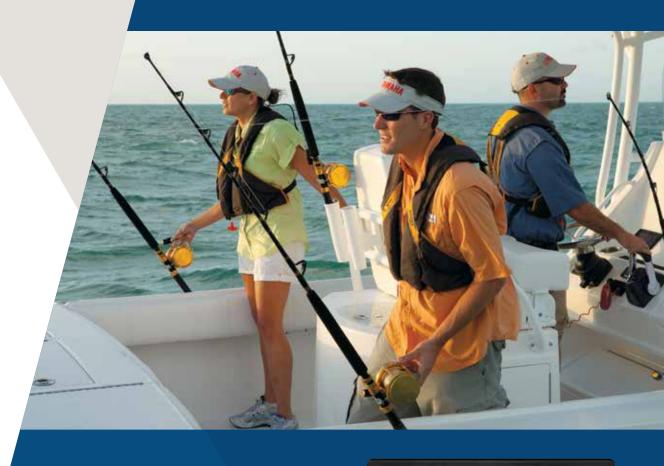
#### RELIABLE AND COMFORTABLE CONTROLS FOR EVERY STYLE.

Yamaha offers quality control systems for a range of platform preferences, from the high-tech functionality of our Helm Master,® Command Link Plus® and Command Link® platforms to the classic simplicity of our analog and mechanical formats. No matter which control platform you prefer, when you rig your boat with 100 percent Genuine Yamaha components, you'll have the peace of mind that comes with Yamaha quality.

Certain platforms are only compatible with specific horsepower ranges. Here's the breakdown below.

#### **Control Platforms and Outboard Compatibility**





#### THE FUTURE'S SO CLOSE, YOU CAN TOUCH IT.

#### Yamaha's new CL7™ touchscreen display.\*

The CL7 is Yamaha's most exciting instrumentation yet. This seven-inch touchscreen allows you to monitor vital boat functions and control up to four outboards on a single screen. Compatible with both Helm Master and Command Link Plus Systems, its high-tech format:





- Streamlines your dash with single-screen control of up to four outboards
- Allows you to customize and program settings such as trim position, steering friction, display appearance and auto-off power-down timing
- Monitors boat stats such as fuel levels, economy and flow, and tank levels for fresh water, waste and more
- Monitors RPM and gear status for up to four outboards on one screen
- Allows you to seamlessly integrate approved third-party instruments, such as those for water conditions or fish finding
- Includes an option of built-in detailed fresh and saltwater maps
- Facilitates Helm Master's new Set Point™ suite of functions for even greater boat control

<sup>\*</sup>Expected availability May of 2017

#### COMMAND LINK PLUS®

DIGITAL CONTROL SYSTEM

#### PLUS UP YOUR CONTROL—AND YOUR CONFIDENCE.

Seamless performance. Streamlined format. Total control. Have it all with **Command Link Plus.** This complete control system features digital electronic controls, gauges, key switches, start/stop panels and a key-fob-activated theftdeterrent system.



DIGITAL ELECTRONIC CONTROL. Control of up to three Yamaha outboards with one dual-lever binnacle.

**START/STOP PANEL.** Press a button to simultaneously start and stop multiple Yamaha outboards.



KEY SWITCH PANEL. Start, or energize to start, up to three Yamaha outboards with a single key.



Y-COP® THEFT-DETERRENT SYSTEM. Disable your outboard ignition and fuel systems with the touch of a button on your key fob.

#### COMMAND LINK® & ANALOG GAUGES

#### THE LINK BETWEEN YOU AND A BETTER BOATING EXPERIENCE.

For solid performance on single- twin- and triple-engine applications, count on Command Link.

This complete control system includes digital electronic controls, several styles of digital gauges and key switches and panels. Together, they provide the data and control you need to make every run a successful one.



#### **Command Link 6YC Display**

The 6YC provides data for boat systems and up to two outboards on a single customizable display for rigging simplicity. Command Link and Command Link Plus compatible, the 6YC allows access to information on:

- RPM, fuel burn, fuel economy and fuel levels
- Engine temperature, oil pressure and battery voltage
- Engine water pressure, surface water temp and water depth\*
- Trip distance and engine hours

#### **Command Link Backlit Digital Gauges**

Have real-time performance, boat systems and environmental stats at your fingertips with Command Link. Each gauge can be programmed to display the data you want—from trip distances to fuel levels to water surface temperature.\*



**COMMAND LINK ROUND GAUGES** are Command Link and Command Link Plus compatible, and provide streamlined displays for single- or multi-engine applications.



#### Remote Variable Trolling RPM Switch (VTS®)

Our new helm-mounted VTS switch offers the convenience of precision trolling outside of a gauge or tiller handle. This allows anglers to adjust trolling speeds in 50-RPM increments, and the option of sub-idle trolling on capable models. This means even better fishing for those running Yamaha F25C - F115 and V MAX SHO® 115 outboards.

#### **Genuine Yamaha Digital Multifunction** and Pro Series II™ Analog Gauges

Whether you prefer the flexibility of digital multifunction gauges or the classic simplicity of an analog format, Yamaha has you covered. Either format allows those running between 8 hp and 175 hp and our V6 3.3-liter to monitor several vital boat systems, performance and trip stats.\* Fitting to our digitally controlled F200 and up requires an analog gauge interface.



PRO SERIES II™ ANALOG Speedometer



Tachometer

\*When properly equipped.

#### GENUINE QUALITY. CLASSIC CONTROL. CONSISTENT PERFORMANCE.

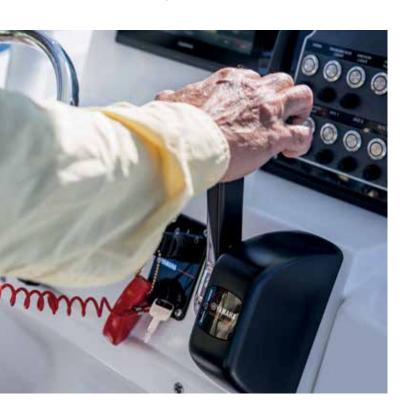
#### **Multi-Function Tiller Handle**

Our Multi-Function Tiller Handle is a fan favorite because it revolutionized tiller-handle operation and fishing. Its award-winning, ergonomic design allows for easier shifting and better grip, and requires less

> rotation to go from idle to wide open throttle. It also features our Variable Trolling RPM Switch (VTS®). By simply toggling the switch up or down, anglers can precisely adjust trolling speeds in 50-RPM increments, and even have the option of sub-idle trolling on capable models. This makes fishing and hours of trolling less of an endurance sport and much more comfortable for those running Yamaha F25C - F115 and the V MAX SHO® 115.

#### **Genuine Yamaha Mechanical Controls**

For those who prefer mechanical controls, we have great news. Our V6 4.2-liter 250 and 225 are compatible with mechanical controls. So are a range of lower horsepowers. These controls provide ergonomic comfort and shift feel, easy lever-friction adjustment, accessible warm-up controls and a trim switch right on the handle.



#### **NEW 704 THROTTLE AND SHIFT CONTROL.**

Completely redesigned, it features a shorter binnacle length for better ergonomics and shift feel, and a more contemporary finish to complement modern boat styling. It's available in both single- and dual-binnacle designs for single and twin applications.



Single-Binnacle Control



**Dual-Binnacle Control** 

#### **POWERMATCHED®**

#### COMPLETE YAMAHA SYSTEMS COVERAGE FOR UP TO THREE YEARS WITH POWERMATCHED.®

#### The PowerMatched System

PowerMatch your system for complete reliability—and the added confidence of the PowerMatched System Limited Warranty. PowerMatched means your boat is rigged with a complete system of genuine Yamaha rigging components—whether you prefer our Command Link Plus,® Command Link® or analog/mechanical platforms.

#### The PowerMatched System Limited Warranty

In a boat rigged with these six Yamaha components, the PowerMatched System Limited Warranty backs each component for the length of your outboard's factory warranty—up to three years.

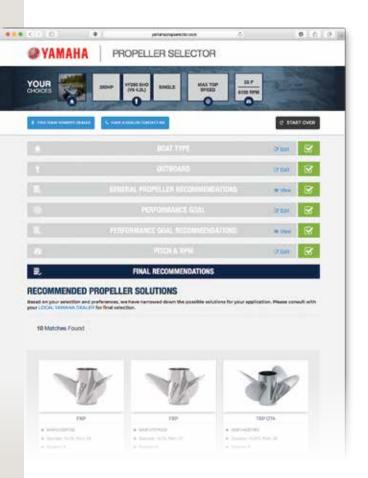
#### A Yamaha PowerMatched System includes the Big Six:



#### **PROPELLERS**

#### ENHANCE PERFORMANCE AND YOUR BOATING EXPERIENCE WITH GENUINE YAMAHA AND TURBO® PROPELLERS.

The right propeller can unlock the power and performance of your outboard. It's an exacting science—as propellers are engineered for specific horsepower ranges and applications. And the water is full of endless application and horsepower combinations. That's why Yamaha offers Endless Propeller Solutions (EPS)—an expansive line of Genuine Yamaha and Turbo® propellers, smartly categorized to help you choose the right one. EPS is organized by application: Large Boats, Family/Watersports, Medium/Small Boats and Bass/Bay/Flats Boats. Wherever you land in the EPS line, rest assured that your propeller was expertly engineered to help enhance your outboard's acceleration, top-end, fuel economy and ride quality.



#### CHOOSING THE RIGHT PROPELLER IS CLICK 'N' EASY AT YAMAHAPROPSELECTOR.COM

With seemingly endless horsepower and application combinations, choosing the right propeller can be intimidating. YamahaPropSelector.com makes it easy. This smart, online tool refines your propeller options based on your type of craft, horsepower and performance goals. For even more refined results, enter your current pitch and RPM. The prop selector streamlines the process, providing a qualified list of propeller solutions—and even connects you with your nearest authorized Yamaha Marine dealer to discuss the options. Picking the right propeller couldn't be easier. Find it on the Yamaha Outboards website at YamahaPropSelector.com.

#### SDS™ EVOLVES FOR EVEN SMOOTHER SAILING.

SDS technology has already made boating quieter and more enjoyable for so many Yamaha owners. Now, the SDS experience is getting even better for boaters who love our Reliance,® Saltwater Series II™ and Saltwater Series HS4<sup>™</sup> propellers. Their new streamlined SDS designs make operation and installation even easier. No special tools or hardware required—just bolt on your prop and go.

#### SALTWATER SERIES II (SDS)

Designed for today's larger offshore boats running V6 F200 and up, it provides longer cruising range, superior midrange fuel efficiency and better handling in rough seas. Features a new SDS design.

#### SDS BRINGS ITS SMOOTH, QUIET RIDE TO TWO NEW PROPELLERS.

Yamaha's patented Shift Dampener System (SDS) absorbs the forces, sounds and vibrations from shifting gears, creating a smoother, quieter ride. This is handy for cruising, docking, quieter fishing and positioning your boat over

> bait. It's quite an advantage, and in 2017 SDS expands to two new propeller lines: Talon® Pontoon and Talon GP.™

#### **TALON PONTOON (SDS)**

Excellent low-speed operation, providing higher thrust and control than conventional propellers on pontoons (even heavily loaded) using T50 - F115 outboards.

#### **PROPELLERS**

#### LARGE BOATS.

The propellers in this category are proven to provide high performance and operating efficiency for most large offshore boat applications, such as large center consoles, walkarounds and boats or loads weighing 10,000 pounds or more.

#### **APPLICATIONS**

#### • Express Cruisers

• Large Center Consoles

- Walkarounds
- 10,000+ lbs.

#### **SOLUTIONS**

#### **Most Popular**

- Saltwater Series II™ (SDS®)
- Saltwater Series XL® (SDS)
- Offshore I

#### Select Applications

- Saltwater Series XL4™ (SDS)
- Saltwater Series XL4-HP (SDS)
- Offshore II
- Saltwater Series HS4™ (SDS)
- Fusion 4



#### SALTWATER SERIES II (SDS)

Designed for today's larger offshore boats, it provides longer cruising range, superior midrange fuel efficiency and better handling in rough seas. Features a new SDS design.



#### **OFFSHORE I**

Great load-carrying ability, transom/bow lift and fuel efficiency on 200 – 300 hp V6-powered large offshore boats less than 15,000 pounds. Helps counter ventilation and slip in rough water and following seas. Four-blade design.



#### **SALTWATER SERIES XL4 (SDS)**

Improves acceleration, planing and grip and reduces ventilation on large, V8 F350-powered boats.



#### SALTWATER SERIES XL4-HP (SDS)

An advanced blade design for V8 outboards provides quick planing while improving acceleration and grip on stepped hulls or high-HP offshore center consoles.



#### **OFFSHORE II**

Great load-carrying ability, transom/bow lift and fuel efficiency on 200 – 300 hp V6-powered large offshore boats. Helps counter ventilation and slip in rough water and following seas. Three-blade design.



#### **SALTWATER SERIES HS4 (SDS)**

Provides excellent acceleration, quick planing and max grip, while resisting ventilation in rough or following seas on V6-powered boats. Features a new SDS design.



#### SALTWATER SERIES XL (SDS)

For our V8 F350 four stroke. It provides plenty of power-to-plane, acceleration and top-end. Updated hub system accommodates older Yamaha F350s.



Excellent for high-horsepower outboard "surfacing" on stepped hull offshore boats with single- or multi-engine configurations.

Finding the right propeller is easy at YamahaPropSelector.com

#### FAMILY/WATERSPORTS BOATS

The propellers in this category are known for thrust and solid performance. Count on this propeller series to help you power the fun on deck boats, pontoons and fish 'n' ski boats.

#### **APPLICATIONS**

#### Deck Boats

- Pontoons
- Fish 'n' Ski

#### **SOLUTIONS**

#### **Most Popular**

- Reliance® (SDS®)
- Talon® Pontoon (SDS)
- Aluminum / Dual Thrust™

#### Select Applications

- Ultima 4
- Talon SS™ (SDS)
- Saltwater Series II™ (SDS)

- 2+2 TH
- Vector
- Talon® (SDS)
- Talon GP<sup>™</sup> (SDS)



#### RELIANCE (SDS)

Ideal for high-horsepower, in-line fourcylinder outboards (F150, F175 and F200) it's faster at all RPM ranges than our painted stainless steel propellers and resists ventilation. Features a new SDS design.



#### TALON PONTOON (SDS)

Excellent low-speed operation, providing higher thrust and control than conventional propellers on pontoons (even heavily loaded) using T50 – F115 outboards.



#### **ULTIMA 4**

Improves bow and transom lift and resists ventilation and slip in turns on bay boats with V6 outboards and high engine mounts or jack plates.



#### TALON SS (SDS)

Smooth, quiet shifting and trolling for F70 - F115 and T50/T60 outboards on pontoon, walleye, fiberglass and deep-V boats.



#### TALON (SDS)

High-grip, low-slip aluminum design provides outstanding performance and smooth, quiet shifting and trolling on F70 – F115 and T50/T60-powered pontoons and other aluminum boats. Excellent on small fiberglass boats, too.



#### TALON GP (SDS)

Ideal for lighter-weight boats using T50 – F115 outboards, its special blades provide "grip" on the water in turns and at high trim angles.



Excellent V6 four-stroke family/watersports propeller, it improves hole shot, acceleration and the ability to power heavy loads. Maximizes performance on deeply submerged drive units.



Faster hole shots, improved planing and excellent bow lift on heavier 22' to 27' boats with twin engines using counter rotation. Nice performance in rough water.



Designed for today's larger offshore boats, it provides longer cruising range, superior midrange fuel efficiency and better handling in rough seas.



#### **DUAL THRUST**

Harnesses the power of our High Thrust outboards for pushing heavy loads such as sailboats and pontoons, and provides outstanding reverse thrust.



#### **BASS/BAY/FLATS BOATS**

The propellers in this category are proven to improve strength and performance, provide incredible acceleration and top-end and improve handling and grip.

#### **APPLICATIONS**

#### Bass Boats

• Flats Boats

#### Bay Boats

## Most Popular

• V MAX SHO®

**SOLUTIONS** 

- FXP™
- TXP<sup>™</sup>



#### Select Applications

- Pro<sup>™</sup> Series
- Performance XT<sup>™</sup>
- Performance 4
- Offshore I
- Ultima 4
- Fusion 4
- TXP<sup>™</sup> OT4



#### FXP

Designed for high-performance four-stroke outboards, this propeller provides excellent hole shot, acceleration, top speed and handling.



#### PERFORMANCE XT

A large, long blade design increases strength and durability. Perfect for older, heavier bass boats with jack plates or high engine-mounting heights. Lower pitches ideal for pontoons, F150 and up.



#### TXP

Excellent for surface-piercing applications and for very light, high-speed boats with high engine-mounting heights or a jack plate, and greater "built-in" bow lift.



#### PRO SERIES

This stainless steel series provides high performance for single-outboard boats requiring bow lift.



#### PERFORMANCE 4

Improves hole shot and overall grip on outboards 50–225 hp in rough water or on applications with high enginemounting heights.



#### **OFFSHORE I**

A four-blade design provides excellent load carrying ability and transom and bow lift on heavy boats with 200–300 hp V6 outboards.



#### TXP OT4

High-horsepower, high-speed propeller for light, high-speed boats with naturally greater bow lift and high engine-mounting heights or jack plates. Creates faster hole shot and quicker acceleration.



#### **ULTIMA 4**

Improves bow and transom lift and resists ventilation and slip in turns on bay boats with V6 outboards and high engine mounts or jack plates.



Finding the right propeller is easy at **YamahaPropSelector.com** 

#### V MAX SHO

A ventless design and singleinch pitches allow you to fine-tune the performance of our four-stroke V MAX SHO.



#### **FUSION 4**

Excellent for high-horsepower outboard "surfacing" applications in single- or multi-engine configurations.

#### **MEDIUM/SMALL BOATS**

The propellers in this category provide superior handling and optimal performance on small and medium-size boats, such as aluminum fishing boats, deep-Vs and jon boats.

#### **APPLICATIONS**

#### • Small Twins

Deep-V Hulls

• Tiller Handles / Jon Boats

Dinghies

#### **SOLUTIONS**

**Most Popular** 

• Reliance® (SDS®)

• Talon SS™ (SDS) Aluminum

Finding the right propeller is easy at

YamahaPropSelector.com

• Talon® Pontoon (SDS)

• Quest<sup>™</sup> (3- or 4-blade)

• Pontoon Performance

**Select Applications** 

• Painted Stainless Steel

• FX4

• Ultima 4

• Talon GP™

• Performance 3



#### TALON SS (SDS)

Smooth, quiet shifting and trolling for F70 - F115 and T50/T60 outboards on pontoon, walleye, fiberglass and deep-V boats.



#### TALON PONTOON (SDS)

Excellent low-speed operation, providing higher thrust and control



#### TALON (SDS)

High-grip, low-slip aluminum design provides outstanding performance and smooth, quiet shifting and trolling on F70 – F115 and T50/T60-powered pontoons and other aluminum boats. Excellent on small fiberglass boats, too.



#### **PONTOON PERFORMANCE**

Large blade area for more thrust and control, added grip and reduced ventilation on pontoons, workboats and other semi-planing craft.



our painted stainless steel propellers and resists ventilation. Features a new SDS design.

#### **PAINTED STAINLESS STEEL**

Excellent general purpose propeller for 25 hp – 300 hp, in left- and right-hand rotation. More durable than aluminum.



Improves acceleration and load carrying ability on flats or shallow water boats using three- or four-cylinder outboards.



Available in three or four blades, it's perfect for the F70 or on three- or four-cylinder outboards with 4.25" gearcases. Works well on smaller utility/workboats.



#### **PERFORMANCE 3**

Excellent performing, general purpose stainless steel propeller available in right- and select left-hand rotation for outboards 25 – 300 hp.



#### TALON GP (SDS)

Ideal for lighter-weight boats using T50 – F115 outboards, its special blades provide "grip" on the water in turns and at high trim angles.



#### **MAINTENANCE MATTERS™**

#### EVERYTHING YOU NEED TO KNOW IS A CLICK AWAY.

Maintenance plays a major part in maximizing performance and ensuring the longevity of your outboard. Now, it's easier than ever to access the information you need to properly

care for your Yamaha outboard. Simply visit

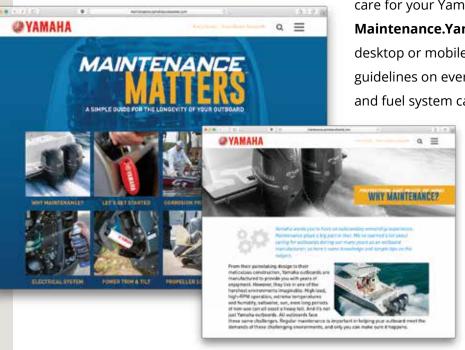
Maintenance.YamahaOutboards.com from your desktop or mobile device. You'll find tips and guidelines on everything from corrosion prevention and fuel system care to propellers and extended

> storage. It's there for you when you need it—and wherever you need it—at home, at the marina or on the water.\*

> > \*See your Owner's Manual for complete maintenance requirements for your particular model.

#### Maintenance. Yamaha Outboards.com

Access maintenance tips and guides anytime, anywhere from your mobile device.



#### PROTECT AGAINST ETHANOL.

Ethanol has been added to all of today's gasoline brands to help reduce emissions and extend domestic fuel supplies. Those are the pros. The cons include the potential for diminished engine performance, fuel system corrosion and catastrophic damage. Luckily, Yamaha offers quality products (and smart tips) to help protect your engine and fuel system:

- Install a 10-micron fuel/water separating filter.
- Add Yamalube® Fuel Stabilizer & Conditioner PLUS to every tank of fuel.
- Add Yamalube Ring Free PLUS internal engine cleaner to every tank of fuel.
- Buy your gas where they sell a lot of it to ensure fuel freshness.

YAMALUBE FUEL ADDITIVES. Ring Free PLUS and Fuel Stabilizer & Conditioner PLUS help protect your engine from carbon buildup and your fuel system from phase separation and ethanol sulfate salt corrosion.





#### GET THE MOST OUT OF YOUR YAMAHA OUTBOARD.

Yamaha outboards operate in some of the harshest environments imaginable. However, it only takes a small amount of time to make sure you'll have hours of trouble-free enjoyment on the water. Regular and interval maintenance, as well as proper extended storage procedures, are the best ways to optimize performance

and keep your Yamaha running for a good, long time.

**Regular Maintenance**—Day-to-day maintenance helps keep your outboard clean both inside and out. Flush your engine with fresh water after each day out, treat each tank of fuel with stabilizer and perform visual inspections to spot things like weeds around the prop.



Interval Maintenance—Schedule service for measures such as oil and filter changes, and gearcase lubrication. Use Genuine Yamaha and Yamalube products or have an authorized Yamaha service department do it for you.

Extended Storage—Defend against the elements between seasons by following extended storage procedures. Simple tasks, such as treating your fuel system with Yamalube Fuel Stabilizer & Conditioner PLUS, can protect your engine from corrosion while dry docked, slipped or trailered in the off-season.

## YAMAHA OUTBOARDS | SPECIFICATIONS

## Reliability Starts Here.®

	•	OFFSHORE			E FOUR	MIDRANGE					PORTABLES					V MAX SHO®			HI	HIGH THRUST			JET DRIVE				
	F350C	F300 F250 F225	<b>F200</b> (V6 MECH.)	F200 F175	F150	F115	F90 F75	F70	F60 F50	F40 F30	F25	F20 F15	F9.9 F8	F6 F4	F2.5	VF250 VF225 VF200	VF175 VF150	VF115	T60 T50	T25	T9.9	<b>F150</b> (105 HP)	<b>F115</b> (80 HP)	<b>F90</b> (65 HP)	<b>F60</b> (40 HP)	<b>F40</b> (30 HP)	
Engine Type	V8	V6	V6	4 cyl.	4 cyl.	4 cyl.	4 cyl.	4 cyl.	4 cyl.	3 cyl.	2 cyl.	2 cyl.	2 cyl.	1 cyl.	1 cyl.	V6	4 cyl.	4 cyl.	4 cyl.	2 cyl.	2 cyl.	4 cyl.	4 cyl.	4 cyl.	4 cyl.	3 cyl.	
Displacement*	5.3L 5330 cc	4.2L 4169 cc	3.3L 3352 cc	2.8L 2785 cc	(DEC Model) 2.8L 2785 cc (Mech. Model) 2.7L 2670 cc	1.8L 1832 cc	1.8L 1832 cc	1.0L 996 cc	1.0L 996 cc	747 cc	432 cc	362 cc	212 cc	139 cc	72 cc	4.2L 4169 cc	2.8L 2785 cc	1.8L 1832 cc	1.0L 996 cc	498 cc	212 cc	2.7L 2670 cc	1.8L 1832 cc	1.8L 1832 cc	1.0L 996 cc	747 cc	
Full Throttle RPM Range	5000~ 6000	5000~ 6000	5000~ 6000	5000~ 6000	5000~ 6000	5300~ 6300	5000~ 6000	5300~ 6300	5000~ 6000	5000~ 6000	5000~ 6000	5000 ~ 6000	5000~ 6000	4500~ 5500 (F6) 4000~ 5000 (F4)	5250~ 5750	5000~ 6000	5000~ 6000	5300~ 6300	5000~ 6000	5000~ 6000	5000~ 6000	5000~ 6000	5300~ 6300	5300~ 6300	5000~ 6000	5000~ 6000	
Alternator Output at W.O.T.*	50A	70A (DEC Controls) 50A (Mech. Controls)	44A	50A	(DEC Model) 50A (Mech. Model) 35A	35A	35A	17A	16A	17A	16A	10A**	6A**	6A**	N/A	50A	50A	35A	16A	14A	6A	35A	35A	35A	16A	16A	
Compression Ratio*	9.6:1	10.3:1	9.9:1	10.3:1	9.0:1	10.0:1	10.0:1	9.4:1	9.5:1	9.4:1	9:3:1	9.3:1	9.4:1	8.9:1	8.8:1	10.3:1	10.3:1	10.0:1	9.5:1	9.4:1	9.4:1	9.0:1	10.0:1	10.0:1	9.5:1	9.4:1	
Fuel Induction System	DOHC EFI VCT	DOHC EFI VCT	DOHC EFI VCT	DOHC EFI VCT (DEC Models Only)	DOHC EFI VCT ) (DEC Model only)	DOHC EFI	SOHC EFI	SOHC EFI	SOHC EFI	SOHC EFI	SOHC EFI	SOHC Carb.	SOHC Carb.	OHV Carb.	OHV Carb.	DOHC EFI VCT	DOHC EFI VCT	DOHC EFI	SOHC EFI	SOHC Carb.	SOHC Carb.	DOHC EFI	DOHC EFI	SOHC EFI	SOHC EFI	SOHC EFI	
Ignition System	TCI Micro Computer	TCI Micro Computer	TCI Micro Computer	TCI Micro Computer	TCI Micro Computer	TCI Micro Computer	TCI Micro Computer	TCI Micro Computer	TCI Micro Computer	CDI Micro Computer	CDI Micro Computer	CDI Micro Computer	CDI Micro Computer	CDI Micro Computer	TCI Micro Computer	TCI Micro Computer	TCI Micro Computer	TCI Micro Computer	TCI Micro Computer	CDI Micro Computer	CDI Micro Computer	TCI Micro Computer	TCI Micro Computer	TCI Micro Computer	TCI Micro Computer	CDI Micro Computer	
Controls	Digital	Digital (All Models) or Mech. (F250 & F225)	Mech.	Digital or Mech.	Digital or Mech.	Mech.***	Mech.***	Mech.***	Mech.***	Mech.*** or Tiller	Mech.*** or Tiller	Mech. (F20 Only) or Tiller	Mech. (F9.9 Only) or Tiller	Tiller	Tiller	Mech.	Mech.	Mech.	Mech.***	Mech.***	Mech. or Tiller	Mech.***	Mech.***	Mech.***	Mech.***	Mech.*** or Tiller	
Helm Master® Compatible	Yes	Yes (DEC models only)	No	Yes (F200 DEC only)	Yes (DEC models only)	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	
Starting System	Electric	Electric	Electric	Electric	Electric	Electric	Electric	Electric	Electric	Electric	Manual or Electric Electric + Manual	Manual or Electric	Manual or Electric (F9.9 Only)	Manual	Manual	Electric	Electric	Electric	Electric	Electric	Manual or Electric	Electric	Electric	Electric	Electric	Electric	
Shaft Length	25 in. 30 in.	25 in. 30 in.	25 in.	20 in. 25 in.	20 in. 25 in.	20 in. 25 in.	20 in. 25 in. (F90 Only)	20 in.	20 in.	20 in.	15 in. 20 in.	15 in. 20 in.	15 in. 20 in.	15 in. 20 in.	15 in. 20 in.	20 in. 25 in. (VF250 Only)	20 in. 25 in.	20 in. 25 in.	20 in.	20 in.	20 in. 25 in.	Fits 25 in.	Fits 25 in.	Fits 25 in.	Fits 25 in.	Fits 20 in.	
Gear Ratio	26:15 (1.73)	21:12 (1.75)	30:15 (2.0)	26:14 (1.86)	28:14 (2.0)	28:13 (2.15)	28:13 (2.15)	28:12 (2.33)	24:13 (1.85)	26:13 (2.0)	27:13 (2.08)	27:13 (2.08)	27:13 (2.08)	27:13 (2.08)	27:13 (2.08)	21:12 (1.75)	VF175 26:14 (1.86) VF150 28:14 (2.00)	28:13 (2.15)	28:12 (2.33)	29:12 (2.42)	28:13 (2.92)	N/A	N/A	N/A	N/A	N/A	
Weight*	763 lbs.	551 lbs.	608 lbs.	487 lbs. (F200) 483 lbs. (F175)	478 lbs.	377 lbs.	353 lbs.	253 lbs.	247 lbs.	214 lbs.	126 lbs.	111 lbs.	87 lbs.	59 lbs.	37 lbs.	505 lbs.	480 lbs.	377 lbs.	262 lbs.	201 lbs.	102 lbs.	493 lbs.†	378 lbs.†	353 lbs.†	257 lbs.†	219 lbs.†	

<sup>\*</sup> Weight refers to shortest shaft length, and is measured without motor oil, gearcase oil and propeller (except models 25 hp and under, which

F2.5 - F25 models come standard with a three-blade aluminum propeller. T9.9 and T25 models come standard with a three-blade aluminum Dual Thrust™ propeller All models feature F-N-R shifting except F2.5 (F-N)

All models are three-star rated for emissions (ultra-low) by the California Air Resources Board (C.A.R.B.)

DUE TO YAMAHA'S ONGOING COMMITMENT TO PRODUCT IMPROVEMENT, we reserve the right to change without notice, equipment, materials, specifications or prices. Your Yamaha Dealer is the best source for up-to-date product information.

> Read and follow the operation and maintenance guidelines provided by Yamaha in your Owner's Manual. Always observe all applicable boating laws. Never drink and drive. Dress properly with a USCG-approved personal floatation

Yamaha four-stroke outboards are protected by our Three-Year Limited Warranty for pleasure use. The new F350C model is protected by our Five-Year Limited Warranty for pleasure use, with production dates of March, 2016 and forward.

include a standard propeller).

<sup>\*\*</sup> Consult your dealer for optional equipment \*\*\* Can be equipped with Yamaha's Multi-Function Tiller Handle

<sup>†</sup> All jet model weights include the jet pump assembly (weight estimated)

Values rounded

<sup>▼</sup> All DOHC models and F70 have four valves per cylinder



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REMEMBER to always observe all applicable boating laws. Never drink and drive. Dress properly with a USCG-approved personal floatation device and protective gear. Anglers are members of Yamaha sponsored Pro Staff. Boat smart from the start. Take a boating safety course and get a free vessel safety check annually for your boat. For more information, contact: United States Coast Guard Auxiliary online at www.cgaux.org, or United States Power Squadrons at 888-for-usps or www.usps.org.

For the name of your nearest Yamaha Marine Dealer or for more information on our complete line of Yamaha Outboards, please visit us at YamahaOutboards.com or call 1-800-88-YAMAHA.







2017 Outboards Catalog

