

Yamaha FX SHO (2008-)

Brief Summary

Along with an impressive list of really innovative new features, this boat has the largest displacement engine ever put into a Personal Water Craft. This is a total package of comfort, performance, and technology features.

Price

Base Price\$11999.00

Prices, features, designs, and equipment are subject to change. Please see your local dealer or visit the builder's website for the latest information available on this boat model.

Key Features

- Industry's first high-compression molded performance deck and hull, using NanoXcel technology
- Yamaha’s exclusive Cruise Assist
- Finger Throttle Lever
- Dual Mirrors
- Yamaha Security System
- Low RPM Mode
- Yamaha’s exclusive No Wake Mode
- Four-step Adjustable Tilt Steering System
- 26 Gallons of Total Storage
- Sponson Design
- Quick Shift Trim System (Q.S.T.S.)

Test Results

RPM	MPH	Knots	GPH	MPG	NMPG	STAT. MILE	NM	dBa
1200	2	1.7	0.6	3.33	2.9	56	48	N/A
2000	4	3.5	1.1	3.64	3.16	61	53	N/A
3000	5.2	4.5	2	2.6	2.26	43	38	N/A

RPM	MPH	Knots	GPH	MPG	NMPG	STAT. MILE	NM	dBa
4000	19	16.5	3.6	5.28	4.59	88	76	N/A
5000	35	30.4	6.3	5.56	4.83	93	80	N/A
6000	50	43.5	10.5	4.76	4.14	79	69	N/A
7000	58	50.4	15.7	3.69	3.21	62	53	N/A
7400	66.3	57.7	18.5	3.58	3.12	60	52	N/A

[View the test results in metric units](#)

yamaha-sho-chart.jpg

Specifications

Length Overall	11' 7"
BEAM	4' 0"
Dry Weight	N/A
Tested Weight	
Draft	N/A
Draft Up	
Draft Down	
Air Draft	
Deadrise/Transom	N/A

Max Headroom	open
Bridge Clearance	N/A
Weight Capacity	
Person Capacity	
Fuel Capacity	18.5 gal.
Water Capacity	N/A
Length on Trailer	
Height on Trailer	
Trailer Weight	
Total Weight	
Aft Deck	
Salon Inside Width	
Salon Fore & Aft	
Salon Height	
Salon Volume	
Galley Volume	
Master SR Width	

Master SR fore & Aft	
Master SR Overhead	
Master SR Volume	
Eng. Room Volume	

Acceleration Times & Conditions

Time to Plane	N/A
0 to 20	
Ratio	N/A
Props	Jet Pump
Load	Load: 1 person, Fuel: 1/2 full, Water: none, Gear: none
Climate	Temp: 83.1 deg., Humid: 73%, Wind: calm, Seas: calm

Powerful PWC with Advanced Technologies

By Captain John B. Wenz

“There’s no replacement for displacement.” That’s what a gearhead friend of mine once said. If you subscribe to that way of thinking and you’re in the market for a PWC, then take a look the new Yamaha Super High Output FX SHO Waverunner.

At 1,800 cubic centimeters (cc), it has the largest displacement engine of any production personal watercraft, according to Yamaha. This PWC offers sports car-like performance in a sharp-looking package loaded with features.

Built Around an Innovative Power Plant

The 1.8-liter supercharged engine, which is built by Yamaha, is its most powerful yet lowest-emission marine engine yet. This is the only engine in the high-performance four-stroke category designed to run optimally on regular-grade gasoline. And with Yamaha’s reputation for reliability, it’s a good bet that you’ll

enjoy trouble-free service for a long time.

The SHO engine along with “fly-by-wire” technology have allowed Yamaha to introduce a group of features new to the PWC industry that enhance the PWC experience.

The SHO has the PWC industry’s first cruise control, Yamaha’s “Cruise Assist.” A touch of a button at your thumb sets the throttle so you can relax your grip. An increase or decrease in speed is just as easy, and to disengage you just open your hand a bit.

“No Wake Mode”

Right alongside the Cruise Assist controls, you’ll find another little new addition, a Yamaha exclusive called the “No Wake Mode.” It’s a factory pre-set throttle speed, engaged by depressing a button at your fingertips. It gives you the ability to cruise along steadily at 5 mph without depressing the throttle lever. This feature was available on Yamaha boats first. I recently used it on a boat to weave my way through a long no-wake zone in a congested harbor. On the Waverunner, it enabled me to relax and take a drink from my water bottle while I was still moving slowly ahead. It’s great for seeing the sights at slow speeds.

New Reverse Control

Another benefit of the engine’s on-board computer is what Yamaha calls “Reverse Traction Control.” This is designed to make it much easier to handle your Waverunner in reverse—and take it from me, it works. They’ve eliminated a common complaint by limiting engine RPM when shifting into reverse. Both beginners and experts alike will be happy to hear that the folks at Yamaha have done a lot to eliminate the anxiety of close-quarter maneuvering.

Lighter Building Material

Yamaha’s proprietary building material, NanoXcel, provides a hull that’s up to 25% lighter, giving the boat marked increases in speed, acceleration and responsiveness, according to the company. In addition, the smooth, gem-like finish is pleasing to the touch and the eye.

Specs

The FX SHO Waverunner lives up to its Yamaha lineage. It has some really sleek new lines to match its performance. This craft shares most of the features, including the latest, with Yamaha’s top-of-the-line FX SHO Cruiser, yet it retails for \$800 less (\$11,999).

The FX SHO is 10’ 11-1/2” long, has a beam of 4’ 4”, a height of 4’ 8” and weighs 827 lbs. She has storage space totaling 26.4 gallons, including a big locker forward, one under the seat, a glove box, and a small waterproof locker for your wallet and/or cell phone.

More Features

A fold-down boarding step and a sizable aft deck allow for easy boarding, and pop-up cleats are fitted forward of the rugged non-slip decking. There’s adjustable tilt steering and, introduced a couple of years back, a low-rpm mode for novices and a remote-controlled security system that can be activated from up to 30 feet away. Along with the comprehensive digital instrument package is a fuel-flow meter—another first in the PWC industry, according to Yamaha.

The Test Day

The FX SHO's aggressive styling and graphics reflect its performance. Yamaha offers color choices of Stealth Black or Metallic Midnight Blue. The first thing I did was take a ride on a Waverunner, built using conventional construction. Then I compared the ride to the NanoXcel hull. The difference was apparent from my first acceleration. Acceleration, turning response and top speed were noticeably better.

The No Wake feature functioned as well as it does on Yamaha's boats. Although the Cruise Assist function takes a little practice, it also offers an improved experience.

The boat's 18.5-gallon fuel tank will give you a range of about 125 miles at just over 30 mph. We hit 30 in about 1.8 seconds, and we saw a top speed of 66.3 mph—now that's fast—even for a PWC.

A Total Package

The FX SHO Waverunner is a really complete top-end PWC package that delivers outstanding performance in a total package of innovative features and inspired looks. Test ride one and see for yourself.