

MERCURY **FOURSTROKE**

MID-RANGE

40 HP to 115 HP



Antique Boat Museum



M E R C U R Y M A R I N E

EFI

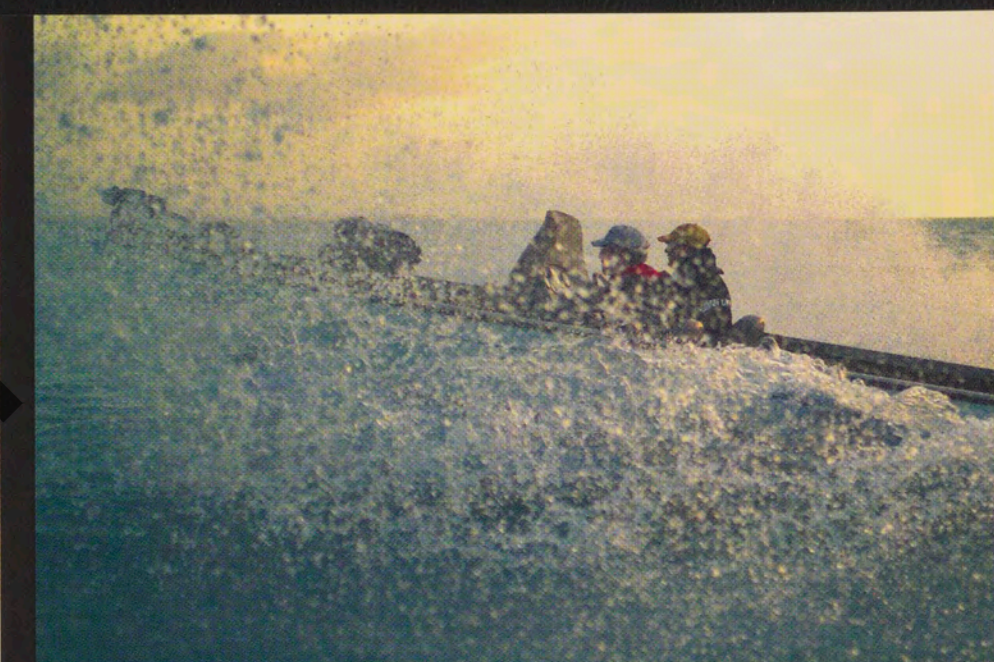


Built to Last

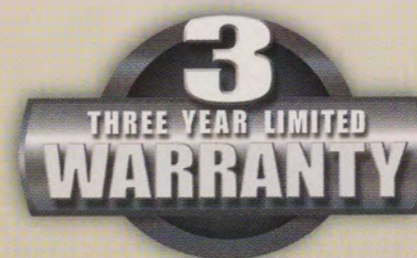
Legendary Reliability

When you trust your on-water passion to a Mercury outboard, you can rest assured that Mercury matches it with its own obsession for creating the most durable and reliable outboards on the market today.

These state-of-the-art outboards sport helpful, intuitive features and are backed by an unparalleled dealer network ready to stand behind the Mercury name. The bulletproof reputation Mercury earned with its popular two-stroke outboards has carried over to its full line of recreational FourStroke outboards. As easy to own as they are to operate, Mercury builds FourStrokes first and foremost to provide you peace of mind while out on the water.



40 to 115 hp FourStroke outboards

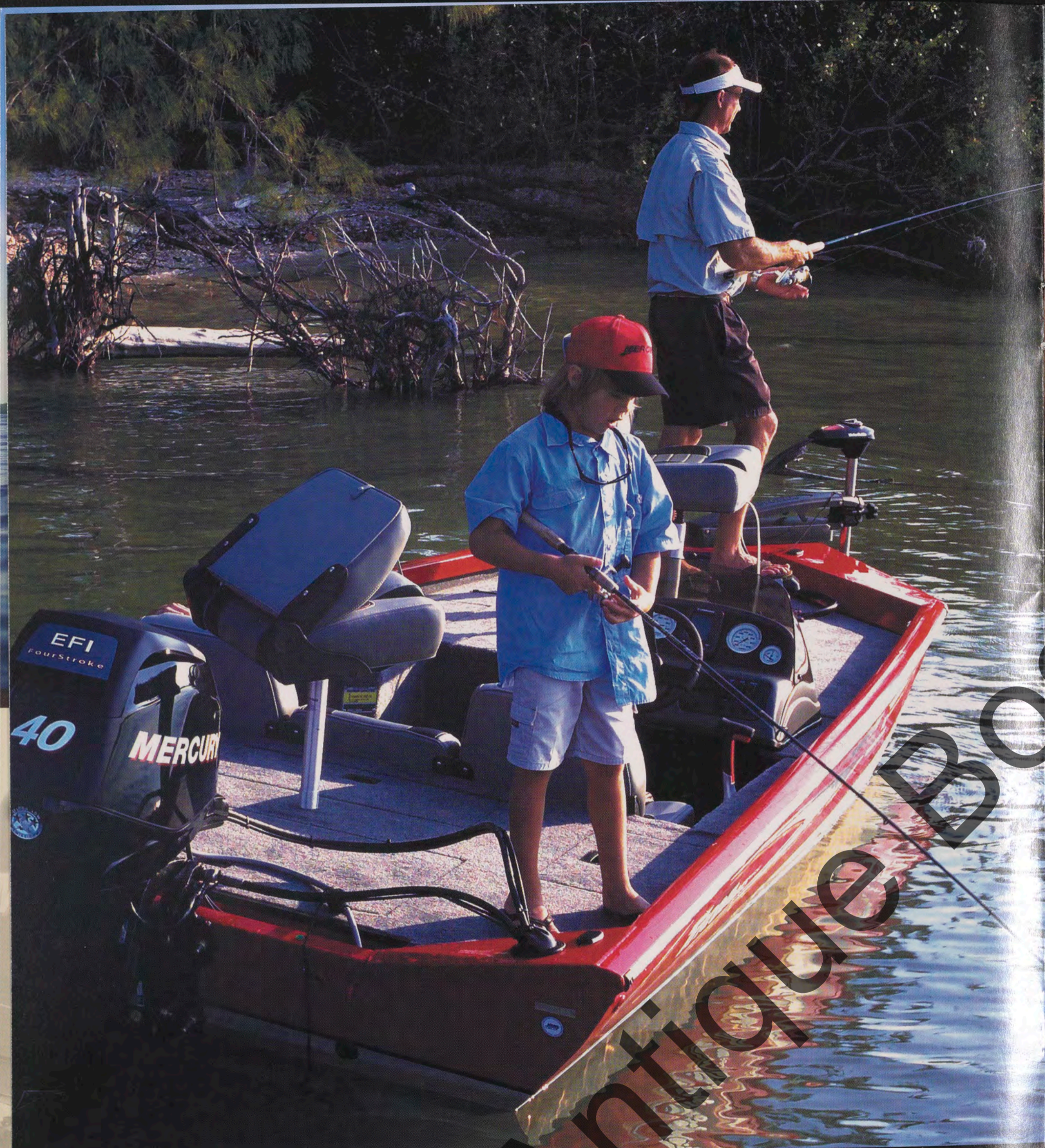


It Runs in the Family

Mercury FourStroke outboards gain a major performance advantage by sharing many attributes across the line. All 40 to 115 hp models feature in-line engine designs that deliver smooth running, low vibration power and performance, and electronic fuel control for seamless and reliable startup; 75 to 115 hp outboards even share engine components with their premium four-stroke big brother, Verado. Features like Big Tiller compatibility and SmartCraft troll control make the driver's seat the catbird seat. Innovative engineering and advanced reliability features mean these FourStroke outboards run cleaner and quieter than the competition.

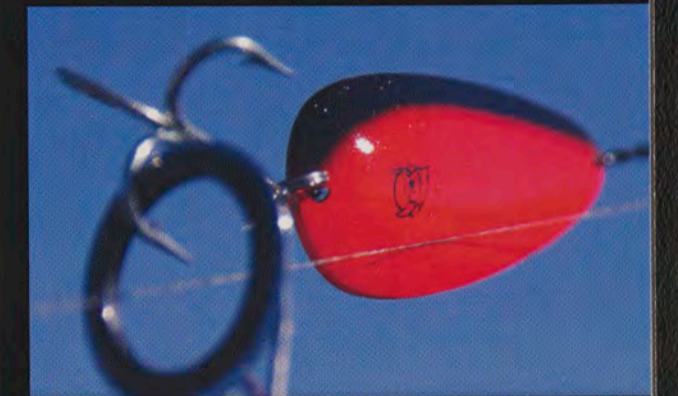
Built To Last

Mercury FourStrokes are built to withstand the rigors of the marine environment and perform exceptionally over the long haul. That's why they come with an industry-leading Three-Year Limited Factory-Backed, Non-Declining Warranty. Above all else, Mercury delivers that assurance—that when you entrust your boat's power to Mercury, your on-water possibilities are limitless.



40-60HP

Reliable, efficient and a great driving experience in an affordable package.



40-60 HP FOURSTROKES



40 to 60 hp FourStroke outboard

Rig It and Forget It

There's a reason Mercury's 40 to 60 hp FourStroke outboards are the most popular on the water: They do exactly what you need them to do, every time, without any hassle. In fact, you might even forget that engine is back there, which is precisely what makes it stand out.

Reliable turnkey starting—courtesy of Mercury's Electronic Fuel Injection (EFI) system—promises you'll never miss a day of fishing, and you'll always make it back. With EFI, you'll also achieve better fuel flow control and efficiency, which amounts to less fuel consumption—and ultimately, fewer dollars spent at the pump.

Experience the Difference

Who says power can't be subtle? Mercury FourStroke outboards keep the sound and vibration to a minimum without sacrificing power. A 40 to 60 hp Mercury engine's through-prop exhaust is virtually smoke-free and up to 30% quieter than similarly powered conventional two-strokes. A 4-cylinder Mercury 60 hp outboard shifts more smoothly and gives off much less vibration than its 3-cylinder competitors. The same Merc also offers stronger power output for onboard electronics and accessories, better mid-range fuel economy, faster top speed and lower trolling speed in a head-to-head comparison with a 60 hp Yamaha.

*Value and power. With virtually the same performance in all categories, Mercury's 60 hp FourStroke costs \$2,594 less than the 70 hp Yamaha, and Mercury's 60 hp BigFoot costs \$2,234 less.**

Sound Levels (dBa)



Top Speed (mph)



Fuel Economy (mpg)



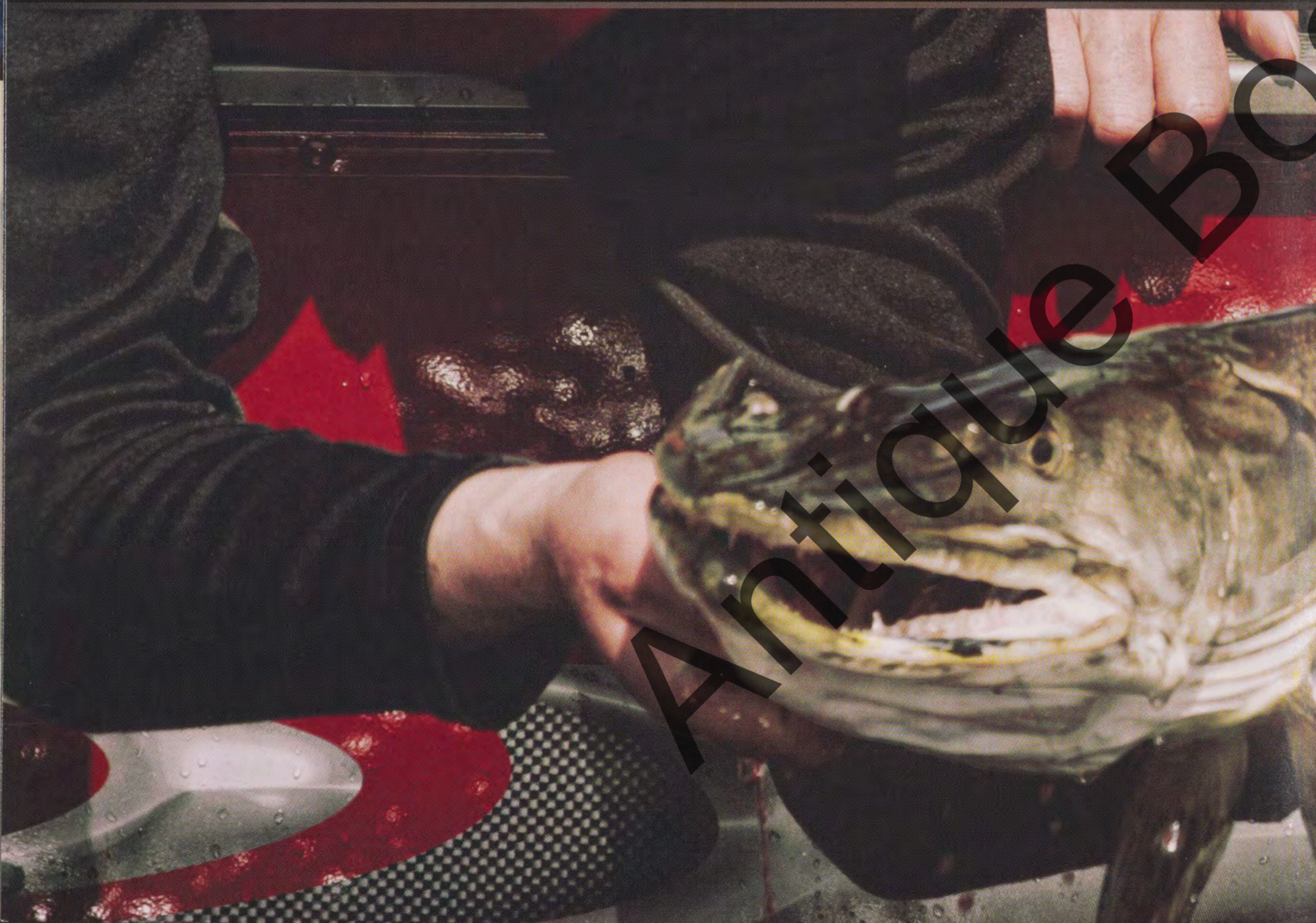
Whether sound, speed or fuel economy, you can't find a better performer than Mercury's 50 hp FourStroke. None of the other engines in its horsepower class beats the Mercury FourStroke in these crucial categories.

* Dollar amount taken from published manufacturer's MSRP. Sources for research and claims on page 12



40-60HP BIGFOOT

With a taller, more durable gearcase, BigFoot outboards have you covered.



40-60 HP BIGFOOT FOURSTROKES



60 hp BigFoot FourStroke outboard

This is No Urban Legend

BigFoot is real. No, not the elusive creature from the northwoods; we're talking about the big-bodied Mercury BigFoot outboard. Both pontoons and broader, heavier fishing boats demand a different kind of power that traditional outboards can't appropriately provide. When that's the case, Mercury's BigFoot engine is the answer.

Built with a taller, more durable gearcase, BigFoot prop sits deeper, below turbulent surface water, so that it operates in cleaner, less aerated water for dramatically improved performance. A specially designed, oversized anti-ventilation plate prevents surface air from being drawn into the prop, producing greater thrust. And the BigFoot engine is a hardy beast, as well, with gears and shafts up to 33% larger than competitors' for incomparable reliability and durability. It also thunders past the competition when it comes to power and acceleration, thanks to a four-blade propeller that has 20% more surface area to generate optimal thrust and maneuverability.

Different boats require different power, and for pontoon and large-fishing-boat owners, the BigFoot advantage is something you have to feel to believe. It's no hoax.

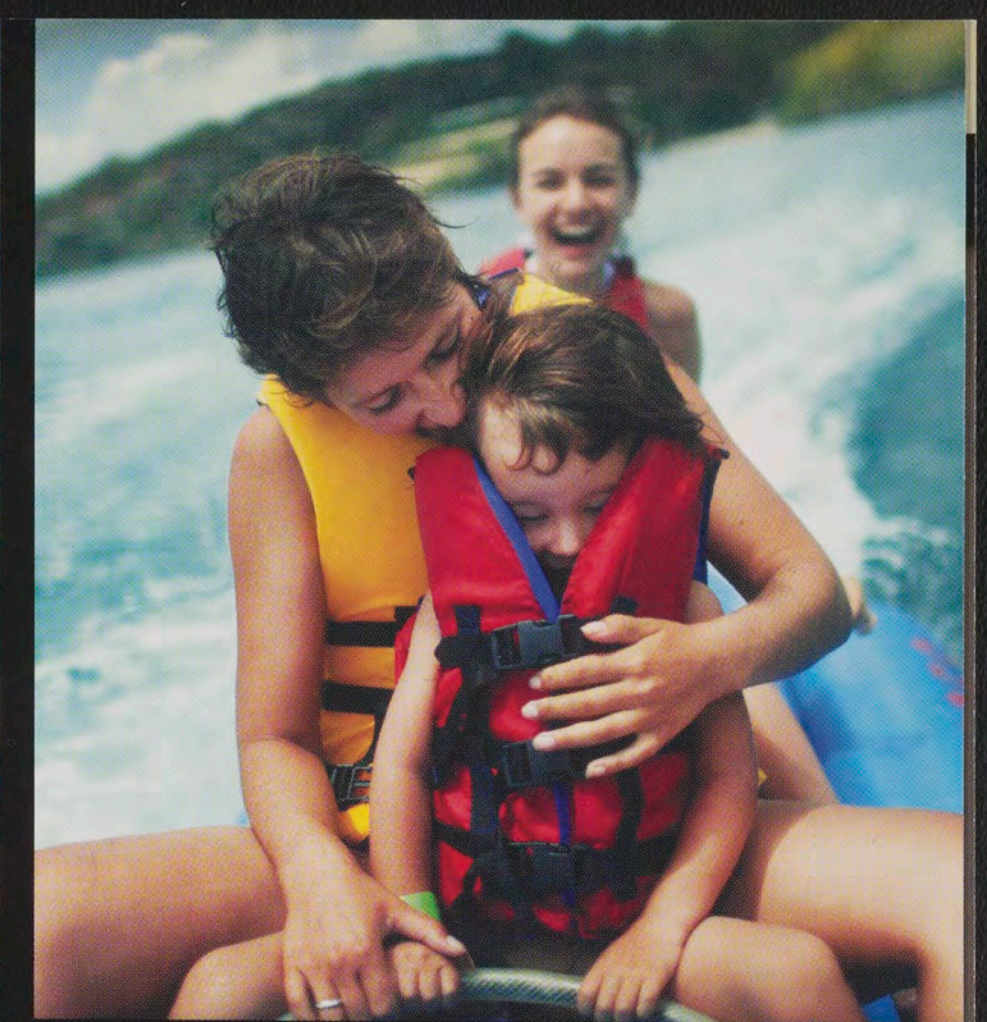


Big-time power. With a longer design and bigger components, the Mercury BigFoot outboard was made specifically to deliver the type of power, thrust and control that wider, heavier boats demand.

In top speed, acceleration and fuel economy tests, a Mercury 60 hp BigFoot FourStroke delivered comparable performance to a 70 hp Yamaha four-stroke outboard.

Considering that the MSRP of a Mercury 60 hp BigFoot is nearly 30% less than the 70 hp Yamaha, why choose anything else?

Sources for research and claims on page 12.



75-115 HP FOURSTROKES



115 hp FourStroke outboard



Nothing sounds better. Mercury 90 hp FourStroke outboard is 65% quieter than Evinrude 90 hp E-TEC and 21% quieter than Yamaha 90 hp at idle.

With the exact powertrain components used in the 200 hp Mercury Verado, this engine has a rock-solid foundation that's built to last.



75-115 HP

Quiet, smooth and efficient does not require any sacrifice in performance.

The Sound of Excellence

A whopping 182%! That's how much louder a 90 hp Evinrude E-TEC is than a Mercury 90 hp FourStroke outboard. Try sneaking up on fish with that kind of racket announcing your approach. So how does Mercury keep its engines so hushed without sacrificing performance? Classic Mercury ingenuity, in three parts: An integrated idle-relief attenuator dramatically reduces exhaust noise; engineered air intakes improve airflow for quieter operation; and acoustic foam lining virtually silences overall noise from the powerhead. What's more, all portable and mid-range FourStroke outboards feature in-line designs that allow for inherently smooth operation, while large displacement increases torque output for ultimate performance and efficiency.

It's Got Your Back

Engine Guardian uses numerous sensors to monitor critical engine functions. If the proactive operator warning system detects a potential problem (such as over-revving, overheating or low oil pressure), Engine Guardian automatically reduces engine power to prevent damage. The warning system then displays descriptive text alerts on your gauges to tell you specifically what's going on. These plain-English alerts make it very easy to diagnose any problems and communicate them to your Mercury dealer.

Mr. Reliable

If you're looking to save money—and who isn't?—there's no better choice than a Mercury when it comes to reliability over the lifetime of your engine. The 75 to 115 hp FourStroke engines feature the same maintenance-free valve train as Mercury's elite Verado® line, which, with a robust design and no belt to replace, will reduce your long-term maintenance costs, giving you peace of mind and more time on the water. That should be music to anyone's ears.

Sources for research and claims on page 12.

Mid-Range FourStroke Specifications 40 to 115 HP

Horsepower	40	40 EFI	40 EFI Jet	40 EFI BigFoot	50 EFI	50 EFI BigFoot	60 EFI	60 EFI BigFoot	75	90	115
Full Throttle RPM Range	5500-6000	5500-6000	5500-6000	5500-6000	5500-6000	5500-6000	5500-6000	5500-6000	5000-6000	5000-6000	5800-6400
Engine Type	In-line 3	In-line 3	In-line 4	In-line 4	In-line 4	In-line 4	In-line 4	In-line 4	In-line 4	In-line 4	In-line 4
Displacement	45.6 cu in (747 cc)	45.6 cu in (747 cc)	60.8 cu in (995 cc)	60.8 cu in (995 cc)	60.8 cu in (995 cc)	60.8 cu in (995 cc)	60.8 cu in (995 cc)	60.8 cu in (995 cc)	105.7 cu in (1732 cc)	105.7 cu in (1732 cc)	105.7 cu in (1732 cc)
Induction System	2-valve single overhead cam design	2-valve single overhead cam design	2-valve single overhead cam design	2-valve single overhead cam design	2-valve single overhead cam design	2-valve single overhead cam design	2-valve single overhead cam design	2-valve single overhead cam design	4-valve dual overhead cam design	4-valve dual overhead cam design	4-valve dual overhead cam design
Ignition	CDI with electronic spark advance	ECM 07 Digital Inductive	ECM 07 Digital Inductive	ECM 07 Digital Inductive	ECM 07 Digital Inductive	ECM 07 Digital Inductive	ECM 07 Digital Inductive	ECM 07 Digital Inductive	ECM 07 Digital Inductive	ECM 07 Digital Inductive	ECM 07 Digital Inductive
Starting	Manual	Electric (turn-key)	Electric (turn-key)	Electric (turn-key)	Electric (turn-key)	Electric (turn-key)	Electric (turn-key)	Electric (turn-key)	Electric (turn-key)	Electric (turn-key)	Electric (turn-key)
Gear Ratio	2.00:1	2.00:1	Jet Drive	2.33:1	1.83:1	2.33:1	1.83:1	2.33:1	2.33:1	2.33:1	2.33:1
Alternator Output	6 amp (76 watts)	18 amp (226 watts)	18 amp (226 watts)	18 amp (226 watts)	18 amp (226 watts)	18 amp (226 watts)	18 amp (226 watts)	18 amp (226 watts)	50 amp (630 watts)	50 amp (630 watts)	50 amp (630 watts)
Trim System	Gas-assist	Power trim	Power trim, gas-assist available	Power trim	Power trim	Power trim	Power trim	Power trim	Power trim	Power trim	Power trim
Dry Weight*	204 lb (93 kg)	216 lb (98 kg)	267 lb (121 kg)	260 lb (118 kg)	247 lb (112 kg)	260 lb (118 kg)	247 lb (112 kg)	260 lb (118 kg)	399 lb (181 kg)	399 lb (181 kg)	399 lb (181 kg)
Steering	Tiller	Remote or tiller kit	Remote or tiller kit	Remote or tiller kit	Remote or tiller kit	Remote or tiller kit	Remote or tiller kit	Remote or tiller kit	Remote or Big Tiller kit	Remote or Big Tiller kit	Remote or Big Tiller kit
Shaft Length	15" (381mm); 20" (508mm)	15" (381mm); 20" (508mm)	15" (381mm); 20" (508mm)	20" (508mm)	20" (508mm)	20" (508mm)	20" (508mm)	20" (508mm); 25" (635mm)	20" (508mm); 25" (635mm)	20" (508mm); 25" (635mm)	20" (508mm); 25" (635mm)

*Dry weight specification is for lightest-version model. Comparative weights refer to base engine without oil, propeller or integral steering cylinder.
CR = Counter-Rotation Model available.

Related Products

Mercury does more than make industry-leading outboard engines. Offering a variety of parts and accessories designed to improve the performance, ride and efficiency of your outboard, Mercury is dedicated to elevating your boating experience to its highest potential.



Mercury Fuel Care System

Mercury's specially formulated 1-2-3 fuel care system is designed to keep your engine running smoothly and optimize performance, whether you use ethanol-blended or non-ethanol-blended fuel. Step one, Quickare fuel treatment, maximizes performance by controlling moisture, corrosion and buildup (plus phase separation with ethanol-blended fuel), cleans up existing deposits and keeps fuel fresh between fill-ups. Step two is Quickleen engine and fuel system cleaner, which aggressively removes

carbon deposits from carburetors and injectors, intake valves, spark plugs, piston crowns and cylinder heads. It also prevents engine knocking and piston seize-up, and extends spark plug life. The final step, Quickstor fuel stabilizer, prevents fuel breakdown and oxidation, combats corrosion and the formation of gum and varnish in your system, keeps injectors and carburetors lubricated, and stabilizes fuel for up to a year.



Big Tiller

Mercury's Big Tiller, available on all 40 to 115 hp FourStrokes, incorporates proven Verado® power-steering components and technology onto mid-size outboard-powered boats. The Big Tiller provides safe and effortless automotive-style steering with fingertip control via the convenient center-mounted

tiller. A hydraulic locking feature eliminates the torque you'd otherwise feel from the engine for added comfort. For unprecedented maneuverability and simple, multifunctional boat control, opt for the Big Tiller.



Mercury SmartCraft—More boating. Less work.

That's been the goal of the Mercury SmartCraft team from day one—to make boating more enjoyable through the use of boater-friendly technologies. SmartCraft provides up-to-the-second information on dozens of engine diagnostics, including rpm, fuel

flow, temperature, speed and engine trim. Our goal is for you to climb aboard your vessel, start the engine and enjoy your time on the water. Making every trip on the water more fun is not just our job, it's our passion.



SmartCraft Troll Control

Standard on all 40 to 115 hp FourStroke outboards, the innovative troll control feature on Mercury's SmartCraft gauges allows you to set your engine

speed as low as 650 rpm for trolling or running through extended no-wake zones. With Troll Control, trolling and slow cruising has never been easier.



MercMonitor w/EcoScreen

Available on 75 to 115 hp FourStroke outboards, this digital vessel monitoring system allows you to select three pieces of engine data (speed, rpm, etc.) and customize the gauge readout based on

your preference. The EcoScreen feature displays helpful prompts designed to improve your fuel economy by directing you to make changes to your engine rpm and trim.



Visit www.mercurymarine.com for more information. To purchase these items, go to www.mercurypartsexpress.com or visit your local Mercury dealer.



FOR MORE INFORMATION ABOUT MERCURY POWER
including its full lineup of engines, propellers, parts and accessories, visit the ultimate resource for Mercury outboards at www.mercurymarine.com. You'll also find special promotions, Mercury news, service and support information, side-by-side comparison charts, photos, videos and much more to help you achieve maximum engine performance and an unbeatable driving experience on the water.



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Source: Mercury Marine Engineering Department – October 2005. Test conducted on a 17' aluminum bass boat using a Mercury 50 hp EFI FourStroke and a Mercury 50 hp two-stroke. Assumptions: Engines are run at 100 hours per year over five years. Price of gas is US \$4.00 per gallon/US \$1.06 per liter.

Source: Mercury Marine Engineering Department – 2010. Tests conducted on a 16' aluminum and fiberglass boats using a Mercury 60 hp EFI FourStroke, a Mercury 60 hp EFI BigFoot FourStroke and a Yamaha 70 hp EFI four-stroke. MSRP figures taken from published sources.

Source: Mercury Marine Engineering Department – December 2005. Test conducted on a 16.5' aluminum fishing boat using a Mercury 90 hp FourStroke, an Evinrude 90 hp E-TEC and a Yamaha 90 hp EFI four-stroke.

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