

MERCURY OUTBOARDS 2007 - VERADO & FOURSTROKE

MERCURY®



www.marinepower.com



From 275 HP to 2.5 HP



FOUR-STROKES WITH TEETH



MERCURY VERADO®

275 250 225 200 175 150 135

SIX-CYLINDER

FOUR-CYLINDER



Smooth, powerful and extremely sharp

Whatever you like to do on water, Mercury Verado is your partner in power.

From the proven six-cylinder model to the brawny new four-cylinder, Verado delivers pinned-to-the-seat power and the quietest, smoothest performance of any outboard ever built. Additionally, Verado's engineered driving experience provides ultimate control, response and durability.

No wonder Verado has become the power of choice for serious boaters everywhere.

It's your call. With horsepower ratings from 135 to 275 hp, including the new 175 hp model, Verado can supply all the fun and excitement you can handle.

VERADO

Tested to the extremes

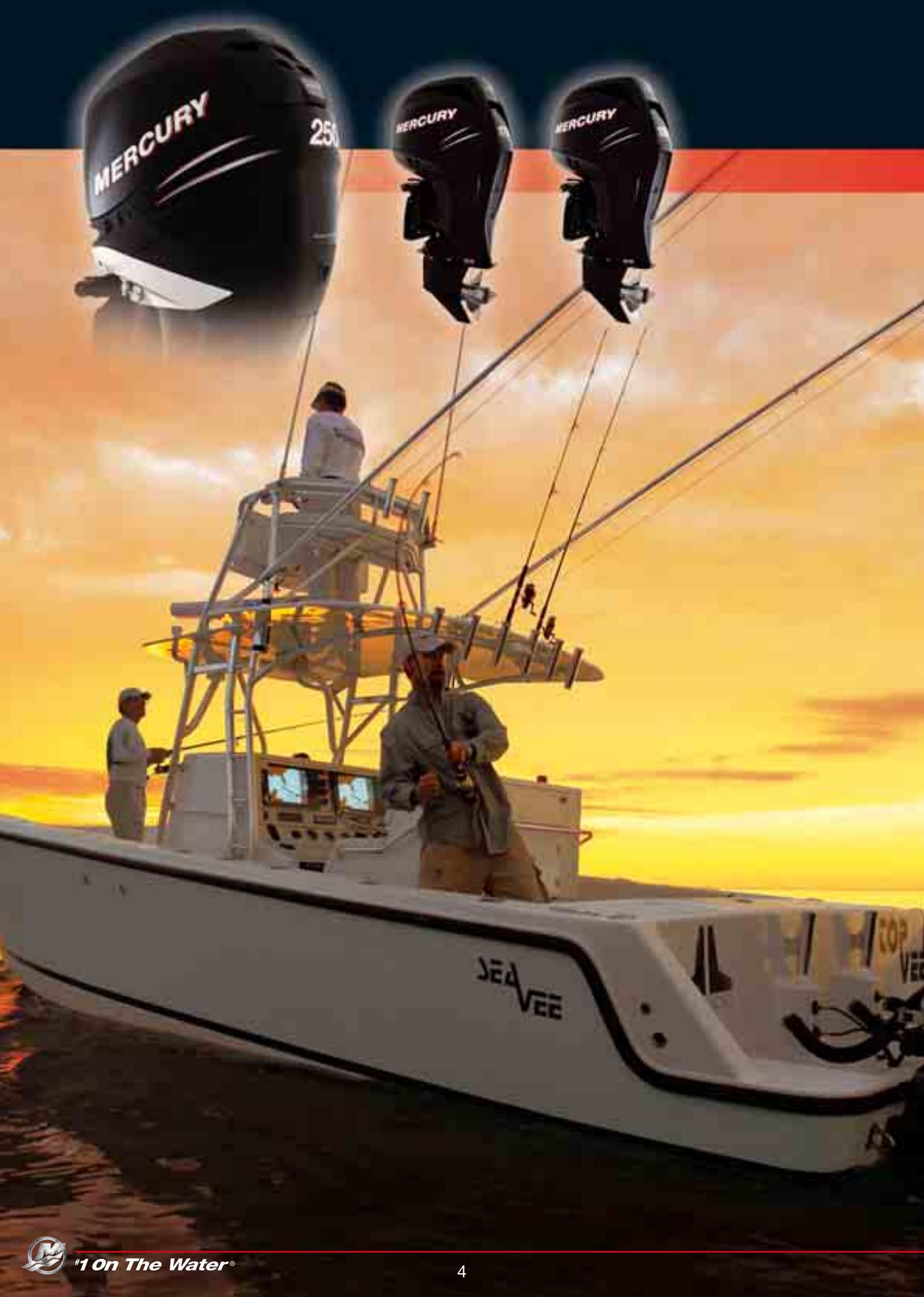
Verado has undergone more than 25,000 hours of testing – making it by far the most comprehensively proven marine power ever produced.

Total integration. Complete control

An integrated system that features Mercury's exclusive SmartCraft Digital Throttle & Shift, optional electro-hydraulic power steering and advanced self-diagnostic systems.

You're covered!

The entire Verado line is covered by Mercury's exclusive three-year limited factory warranty and the boating industry's only three-year limited warranty against corrosion failure.



#1 On The Water®

MERCURY VERADO®

275

250

225

200

NEW 175

150

135

EXTREME POWER FOR EXTREME FUN

Take Charge

Verado hit the outboard market like a shockwave in 2005! Combining supercharged power with four-stroke manners, the six-cylinder Verado set a worldwide standard for outboards. Not only does this 2.6L powerhouse outperform virtually every other engine on the water, it's also remarkably quiet and clean running.

If you want supercharged performance, the new Verado four-cylinder 175hp outboard joins the 135 and 150 hp models to bring a new concept of power and performance to mid-range outboards.

Verado is not simply a powerful engine – it's a completely integrated propulsion system that improves the way your boat handles on the water. Its combination of sophistication and strength has already made Verado the power of choice for serious powerboat users everywhere.

New Verado 175 available spring 2007.

RELIABILITY

- Verado is the most proven marine power ever produced with more than 25,000 hours of testing.
- All major structural components were specifically designed and built for the supercharged Verado for maximum performance and reliability.
- The digital throttle and shift has over 75,000 hours of testing. There are no cables to adjust, replace or bind.

PERFORMANCE

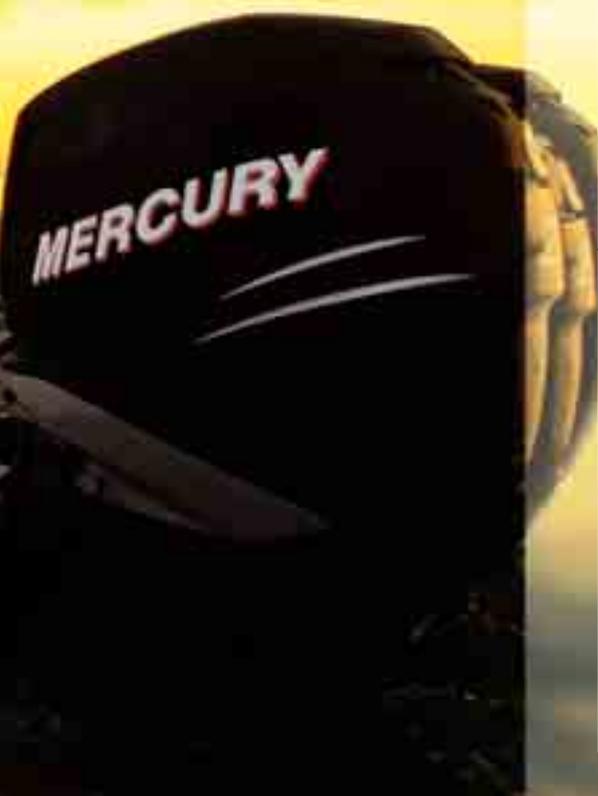
- Verado is the first ever supercharged inter-cooled four-stroke and delivers best-in-class torque and acceleration.
- SmartCraft digital throttle and shift provide smooth, quiet shift engagement and instantaneous throttle response.

RUNNING QUALITY

- Verado's exclusive electro-hydraulic power steering makes steering effortless, fluid and seamless and eliminates undesirable torque while maintaining "feel" (optional on 1.7L).
- Dramatically better torque than any four-stroke and most two strokes. From hole-shot to wide open throttle, mid-range acceleration exceeds that of any other outboard.

TECHNOLOGY

- The 2.6L Verado uses a 4 point progressive rate perimeter mount system that decreases vibration by 50%, improves stability and makes steering easier.
- Engine noise is reduced thanks to an insulated cowl system, patented induction muffling chambers and an idle relief silencer.



THE ULTIMATE IN CLEAN, QUIET POWER

115 EFI

100 EFI

80 EFI

60 EFI

50 EFI

FOUR-CYLINDER

MERCURY

100

EFI

FourStroke

MERCURY

2



MERCURY FourStroke

40 EFI

30 EFI

25 EFI

15

9.9

8

6

5

4

3.5

2.5

THREE-CYLINDER

TWO-CYLINDER

SINGLE-CYLINDER



If you're looking for clean, quiet, reliable power, nothing performs like Mercury four-strokes. That's because no other engines offer the same combination of smooth, smoke-free operation; proven technology and unparalleled corrosion resistance. And no engines offer the same heritage of tournament-winning power.

2007 sees the introduction of three new models, specifically the 115, 100 and 80 hp EFI mid-rangers which join the recently revamped 25 and 30hp injected outboards and the 3.5 and 2.5 portable editions.

FourStroke

Four-stroke EFI

By combining our four-stroke combustion process with the proven, powerful performance of electronic fuel injection, we're surpassing traditional horsepower limitations, to help you go further and faster than ever before. And like all of our four-strokes, every EFI four-stroke offers the same smooth, smoke-free operation whether you're trolling or at full-throttle. With almost 40% better fuel economy and 90% fewer emissions than comparable two-strokes, it's no wonder Mercury four-strokes are the power of choice for serious boaters.

Tuned flexible injection

Mercury has taken technology even further with Tuned Flexible Injection, which reduces the number of moving parts and makes the EFIs smaller, lighter and more versatile.

MERCURY FourStroke

NEW 115 EFI

NEW 100 EFI

NEW 80 EFI

ADVENTURE INTO NEW FOUR-STROKES

Mercury's acclaimed 1.6L EFI four-strokes set new standards for silent running with smooth, effortless performance and now those standards have been raised even further.

For 2007, Mercury introduces 1.7L outboards offering 115, 100 and 80 hp. Thanks to engine architecture which is shared with the more powerful Verado range, the 1.7L outboards feature great reserves of strength and reliability which means the exceptional performance can be exploited to the full with complete confidence.



RELIABILITY

- Special bearings with a pressurized lubrication system reduce wear.
- Audio warning system monitors vital engine functions such as over heat, over-rev, low oil and low oil pressure. Rear mounted flush port for added protection and convenience.

PERFORMANCE

- Inherent four-stroke characteristics include quiet, smooth operation and exceptional idling.
- 40% better fuel economy than comparable 2-stroke models.

RUNNING QUALITY

- Low-noise combustion process and sound-dampening cowls for extremely smooth and quiet operation.

TECHNOLOGY

- Four valves per cylinder, dual overhead cam design which maximizes hole shot, torque and efficiency.
- Desmodronic Shift System provides smooth reliable shifting and years of trouble free operation.







MERCURY FourStroke

60 EFI

50 EFI

40 EFI

FUEL INJECTED FUN

When it comes to mid-range four-stroke power, our 40, 50 and 60 hp outboards are awesome.

Across the board, these four-strokes feature electronic fuel injection for exceptional fuel efficiency and smooth, quiet operation. Our BigFoot models are equipped with a taller gearcase for added push while 33% larger components ensure maximum durability.

They're SmartCraft-ready and offer world-class technology including thermoplastic intake runners for reduced weight and better heat dispersion, and fuel injectors for every cylinder for excellent throttle response. Of course, all have our exclusive turn-key starting for fast, easy ignition. Whether you plan to load your boat with fish or friends, Mercury is your power.

RELIABILITY

- Designed for durability, strength and corrosion resistance, the driveshaft, shift shaft, prop shaft, water pump housings and power head fasteners are stainless steel.
- BigFoot features larger components for extra strength. The gears for example, are 33% larger than those on competitive outboards (60 hp BigFoot).

PERFORMANCE

- Inherent four-stroke characteristics include quiet, smooth operation and exceptional idling.
- 40% better fuel economy than comparable 2-stroke models.
- Integral power trim adjusts boat's attitude for improved boat handling under a variety of speeds and water condition.
- BigFoot's taller gear case means the prop sits lower in the water and its oversize anti-ventilation plate keeps air away from the prop for greater thrust and manoeuvrability (60 hp BigFoot).

RUNNING QUALITY

- EFI models offer turnkey starting and instantaneous throttle response in all types of atmospheric conditions.
- Low-noise combustion process and sound-dampening cowls for extremely smooth and quiet operation.

TECHNOLOGY

- SmartCraft technology with the Engine Guardian System, monitors engine functions and alerts you to possible engine problems.



30 EFI



MERCURY® FourStroke

25 EFI

15

9.9

8

6

5

4

NEW 3.5

NEW 2.5

FUN ON THE RUN

For too long, boaters have settled for sparse features on their small engines.

The lightweight Mercury 25 and 30 hp EFI four-strokes offer features typically found only on large outboards which translates into smooth running, quiet performance and excellent fuel efficiency.

The Mercury 8, 9.9 and 15 hp four-stroke models feature smooth, quiet performance, low emissions, and excellent fuel efficiency as standard. All are loaded with features designed to make engine operation safe, easy and hassle-free, such as multifunction tiller handles that put engine controls at your fingertips.

The Mercury single-cylinder four-stroke outboard motors are true lightweights, making them easy to move on and off any boat's transom.

The Mercury four-stroke 2.5 and 3.5 hp are packed with great features not typically found in small portables. Features designed to make engine operation safe, easy and hassle-free while offering smooth, quiet performance, excellent fuel efficiency and low emissions.



RELIABILITY

- Visual low pressure warning system (F30 to F8).
- CDI Ignition offers maintenance-free dependability and easy starting.

PERFORMANCE

- Multi-function tiller handle controls shift, stop, throttle, throttle friction and steering for one hand operation (30, 25, 9.9, 8).
- Inherent four-stroke characteristics include quiet, smooth operation and exceptional idling.

RUNNING QUALITY

- F30 & F25 models come standard with a 15 amp/186 watt alternator.
- Manual choke and primer features provide easy starting & idle adjustments (F8/F9.9).

TECHNOLOGY

- Tuned air intake runners eliminate water intrusion and greatly reduce noise levels (F30-F25).
- Decompression system for quick, effortless one hand starting (6 to 2.5).

SPECIFICATIONS

	Models ⁽¹⁾	Kilowatts ⁽²⁾	Max. RPM at Full Throttle	Cylinders	Displacement	Starting	Gear Ratio
MERCURY VERADO							
275-200	Verado 275 • Verado 250 • Verado 225 • Verado 200	202 • 183 • 165 • 147 kW	5800-6400	6 (in-line)	2598 cc	Electric (turn-key)	1.85:1
175-135	NEW Verado 175 • Verado 150 • Verado 135	129 • 110 • 99.2 kW	175 • 150: 5800-6400 135: 5200-6400	4 (in-line)	1732 cc	Electric (turn-key)	2.08:1
MERCURY FOURSTROKE							
115-80	NEW 115 EFI • NEW 100 EFI • NEW 80 EFI	84.5 • 73.5 • 58.8 kW	115: 5800-6400 100 • 80: 5000-6000	4 (in-line)	1732 cc	Electric (turn-key)	115: 2.07:1 100 • 80: 2.33:1
60-40	60 EFI + BIGFOOT • 50 EFI	44.1 • 36.8 kW	5500-6000	4 (in-line)	995 cc	Electric (turn-key)	1.83:1 BIGFOOT: 2.33:1
	40 EFI	29.4 kW	5500-6000	3 (in-line)	747 cc	Electric (turn-key)	2.00:1
30-25	30 EFI • 25 EFI	22.1 • 18.4 kW	30: 5250-6250 25: 5000-6000	3 (in-line)	526 cc	Manual or Electric (turn-key)	1.92:1
15-8	15	11 kW	4500-5500	2 (in-line)	323 cc	Manual or Electric	2.00:1
	9.9 • 8	7.3 • 5.9 kW	5000-6000	2 (in-line)	209 cc	Manual or Electric	2.08:1
6-2.5	6 • 5 • 4 ⁽⁵⁾ + SAILPOWER ⁽⁵⁾	4.4 • 3.68 • 2.9 kW	6: 5000-6000 5 • 4: 4500-5500	1	123 cc	Manual	2.15:1
	NEW 3.5 ⁽⁶⁾ • NEW 2.5 ⁽⁶⁾	2.6 • 1.8 kW	5000-6000	1	85 cc	Manual	2.15:1

4, 5, 6, 15, 25, 40 and 80 4-stroke models might be available as Bodensee stage 1 / SAV1 certified. Please check availability with your dealer.

For more information on the propeller that is right for you, please see your dealer.

Fuel requirements: Verado and FourStroke: Unleaded 90 RON min. 175, 250 and 275 Verado: Unleaded 98 RON.

Gear shift: Forward (F), Neutral (N), Reverse (R), except F3.5-F2.5: F-N.



Steering	Alternator System ⁽³⁾	Trim Positions	Weight ⁽⁴⁾	Recommended Boat Transom Height	Induction System
Electro-hydraulic Power steering with integral hydraulic cylinder	Fully regulated Belt-Driven 70 amp (882 watt)	SmartCraft-programmable Power trim and tilt	288 kg	200: Long 508 mm XL 635 mm ⁽⁷⁾ 275 • 250 • 225: Long 508 mm XL 635 mm ⁽⁷⁾ - XXL 762 mm ⁽⁷⁾	SmartCraft DTS electronic throttle, supercharged with charge air cooling and electronic boost pressure control
Hydraulic or Electro-hydraulic Power steering available using standard universal cylinder	Fully regulated Belt-Driven 70 amp (882 watt)	Power trim and tilt with SmartCraft-programmable tilt	231 kg	Long 508 mm XL 635 mm ⁽⁷⁾	SmartCraft DTS electronic throttle, supercharged with charge air cooling and electronic boost pressure control
Remote	Fully regulated Belt-Driven 50 amp (630 watt)	Power trim standard	181 kg	115 • 100: Long 508 mm - XL 635 mm 80: Long 508 mm	4-valve dual overhead cam design
Remote	18 amp (223 watt)	Power trim standard	112 kg BIGFOOT: 120 kg	Long 508 mm	2-valve single overhead cam design
Remote	18 amp (223 watt)	Gas assist and Power trim models available	98 kg	Short 381 mm Long 508 mm	2-valve single overhead cam design
Tiller or Remote	15 amp (186 watt)	30: Gas assist or Power trim 25: Manual or Power trim	30: 78 kg 25: 71 kg	Short 381 mm Long 508 mm	2-valve single overhead cam design
Tiller or Remote	Manual 6 amp (76 watt) Electric 10 amp (126 watt)	5 & shallow water drive Standard: M, ML (Optional: E, EL)	50 kg	Short 381 mm Long 508 mm	2-valve single overhead cam design
9.9:Tiller or Remote 8:Tiller	6 amp (76 watt) on electric-start models	5 & shallow water drive	38 kg	Short 381 mm Long 508 mm	2-valve single overhead cam design
Tiller	Optional 4 amp (50 watt) lighting, 2 amp (25 watt) charging 4 SAILPOWER: Standard with rectifier	6 & shallow water drive	25 kg	Short 381 mm - Long 508 mm 4 SAILPOWER: Long 508 mm	2-valve pushrod
Tiller	N/A	4	17 kg	3.5: Short 381 mm - Long 508 mm 2.5: Short 381 mm	2-valve pushrod

(1) Model offering may vary from one country to another. Please see your local dealer for specific information. (2) Measured at propshaft in accordance with ICOMIA 28.

(3) Requires rectifier to complete installation manual versions. Standard on 4 Sailpower model. (4) Dry weight specification is for lightest model and excludes engine oil, rigging hardware and propeller.

(5) Integrated fuel tank 1.1 litre. (6) Integrated fuel tank 1.3 litre. (7) Counter rotation available.

 SmartCraft Integrated Marine technology standard.



HOW TO MAXIMIZE MERCURY RELIABILITY

Avoid pirate parts

When you've made an investment in a beautifully engineered Mercury outboard, it makes sense to keep it that way and protect your warranty by using only Quicksilver parts, accessories and maintenance products. Quicksilver is the most respected name in the outboard after-market because all of its products are specifically developed for boating as opposed to multiple-application and they are available at every Mercury service dealer.



The Right Oils for the Best Protection

While all oils might look the same, the truth is that different end uses make differing demands on lubricants. That's exactly why you should use Quicksilver oils and lubricants because they are formulated solely for use in outboard motors, which are subjected to unique stresses and strains.

From premium quality Quicksilver synthetic oils for four-strokes to high detergent premium lubes for two-strokes, there's a Quicksilver lubricant formulated to meet your precise needs. It all adds up to maximizing the efficiency and durability of your Mercury outboard.



Propel it Properly

Quicksilver is the world's largest manufacturer of propellers, which tells you that this division of Mercury has learned more about product performance and quality than any other manufacturer. After all, the propeller is the single most important component on your outboard when it comes to getting the best out of your engine, so make sure you choose the right prop.

From custom-built, to stainless steel, to aluminium and other special metals, there's a Quicksilver propeller for you. For advice on what's right, have a chat to your dealer.



Added Enjoyment on the Water

Quicksilver offers an impressive line-up of watersports accessories, all designed to maximize your enjoyment on the water. Ask your dealer for a run-down on the full range and prepare for fun and action aplenty.



The quality system of
Marine Power Europe Inc is
ISO 9001:2000 certified