



**MARINER**

*Outboards you can trust*



# LOOK DEEPER INTO MARINER OUTBOARDS

With leading edge technology and efficiency, Mercury Marine has led the way with innovation since 1939. Today Mercury Marine continue the proud tradition of creating engines that continue to break the mould. Explore the range of precision Mariner Outboard engines on these pages, and compare the statistics.

You'll find hard facts on why more and more boat owners are starting up a Mariner. Mariner Outboards are simply the best, most refined engines money can buy for any application.

## FIRST WHEN IT COUNTS

40s	1940s	First with forged aluminium pistons
	1950s	Fully integrated shock absorbers introduced
50s	1957	First 6 cylinder in-line outboard
	1960s	First through-prop exhaust
60s	1962	First 100hp outboard and MerCruiser® Sterndrive
	1966	Introduction of Thunderbolt "breakerless" ignition
	1969	New corrosion resistant technology
70s	1975	175hp Black Max V6 outboard launched
80s	1988	First Electronic Fuel Injection (EFI) systems
90s	1996	First Direct Injection TwoStroke outboard, the Mariner OptiMax®
21st	2003	First Digital Throttle & Shift (DTS) controls introduced
	2004	First Supercharged FourStroke outboard, the Mariner Verado®
	2006	New generation 75 -115 models - to create the largest range of EFI FourStrokes
	2007	The world's lightest 200hp FourStroke and a new 300hp Verado
	2009	Launch of the new 350hp Verado



## VERADO

Verado® Overview .....	8
Verado Range .....	10
Verado Stats .....	12

## OptiMax

OptiMax® Overview .....	14
OptiMax Range .....	16
OptiMax Stats .....	18

## MARINER FourStroke

FourStroke Overview .....	20
FourStroke Range .....	22
FourStroke Portable Range ..	24

## MARINER TwoStroke

TwoStroke EFI Range .....	26
TwoStroke Mid-Range .....	27
TwoStroke Portable Range ...	28

Mercury Marine Propellers ..	30
Big Tiller .....	31
Detailed Engine Specifications .....	32
Mercury Marine Contact Details .....	36

## LOOK DEEPER INTO RELIABILITY

Boating is not often thought of as a harsh environment. Just stop and think about it. Mariner engines can and are often used for extended periods at wide-open throttle in harsh saltwater and full UV sunlight. Then sit in storage over the off season, in some cases without any use.

At Mercury Marine, we test our engines mercilessly and use those results to make them even more reliable. The tougher the test, the tougher the engine. We put our engines through tests such as vicious log strikes, saltwater spray booths, high humidity chambers and hot and cold water temperatures. That's just phase one of our brutal testing process. Then we run each engine rigorously for thousands of hours to prove it can stand the test of time. So whatever you put the engine through we have already done it.



### **3 year Corrosion Warranty**

A lot of manufacturers talk about their corrosion resistant outboards but Mercury Marine is the only manufacturer who backs it up with an exclusive 3-year limited corrosion warranty. And that's only the beginning.



### **Corrosion Resistance**

There is a big difference in metals and how they react in saltwater. That difference can be the choice between years of boating fun or costly corrosion failures and high labour bills. Mercury Marine's proprietary formula is melted at our foundry in Fond Du Lac WI, USA. We call it XK-360. It is an extremely low copper content aluminum alloy, which leads the industry in corrosion resistance. Mercury Marine's XK360 alloy is not just the industry leader; it is the industry standard.



### **Unbeatable Warranty**

All models from the 300hp Verado to a 2.5hp TwoStroke Mariner Outboard, receive a fully transferable warranty that goes deeper than the rest. A warranty that's supported by the strength and service expertise of one of the biggest dealer networks in the country. Simply have your engine serviced at an Authorised Service Centre at the recommended routine servicing/maintenance requirements set by Mercury Marine, and you're covered by an additional 2-year factory backed warranty on top of the first 3 years. That's a full 5 years of warranty coverage.

## MARINER ADVANTAGES



### **Mercury Marine EFI technology**

Mercury Marine's patented Electronic Fuel Injection (EFI) systems ensure quick starts and trouble-free operation – for clean, reliable, power & performance.



### **SmartCraft Digital Throttle & Shift (DTS)**

Mercury Marine's unique system, provides digital precision to throttle & shifting – providing instantaneous gear changes and throttle control at all speeds.



### **SmartCraft digital diagnostics and instrumentation**

Mercury Marine's leading-edge technology optimises engine performance and provides performance information to the helm.



### **High-capacity charging**

Our alternators deliver the best-in-class charging capacity – to ensure optimum power for quick starting, and to support Fishfinders, GPS plotters and other accessories.



### **The ultimate in durability**

Our advanced powerheads feature the very latest in corrosion protection and multi-step painting processes.



### **Electronic precision & control**

Powerful micro-processors control fuel injection and all engine functions, to optimise performance, fuel economy and low emissions – in all operating conditions.



### **Big time comfort. Big time engineering.**

Mercury Marine has developed a tiller handle for high horsepower outboards, giving operators what they want – more room in the boat and simple hands-on control of their engine.



### **3-star Australian Emission Standards rating**

Mercury Marine offers more 3-star rated outboards than any other manufacturer.

Based on the Australian Voluntary Emissions Labelling Scheme (VELS)

For more information go to [www.oeda.com.au](http://www.oeda.com.au)



## LOOK DEEPER INTO SMARTCRAFT

Only Mercury Marine has SmartCraft. That means no one else delivers the innovative and proven technologies that deliver the multitude of benefits that exponentially improve everything you do on the water.

### **DESIGNED, ENGINEERED. TESTED, PROVEN. THAT'S WHY IT'S THE BEST.**

When SmartCraft was introduced the goal was simple. Make boating easier. Mercury Marine achieve this through the use of innovative digital technologies that are field-tested and proven to improve all aspects of the boating experience.

Whether it's Mercury Marine's ground-breaking Digital Throttle & Shift (DTS) that delivers immediate throttle and shifting response, or our VesselView® monitor which visually integrates all primary boating functions into one display, we continually strive to deliver on our promise to make the boating experience easier.

### **SMART ENGINE MANAGEMENT. THAT'S SMARTCRAFT.**

Mercury Marine's exclusive SmartCraft engine management system adjusts your engine to perform at its best, while providing continuous information directly to the helm. Available on Mariner Verado, OptiMax, plus selected FourStroke and EFI 2-Stroke engines, SmartCraft provides you with a full picture of your fuel consumption, range, remaining fuel and much more at the push of a button.

Information delivery is a centrepiece of the SmartCraft network. SmartCraft gauges brings all your vessel's information together onto one simple-to-navigate device giving you the vital information that you need to make good decisions on the water.

Now that's smart thinking.

[www.marineroutboards.com.au](http://www.marineroutboards.com.au)



## **VESSELVIEW**

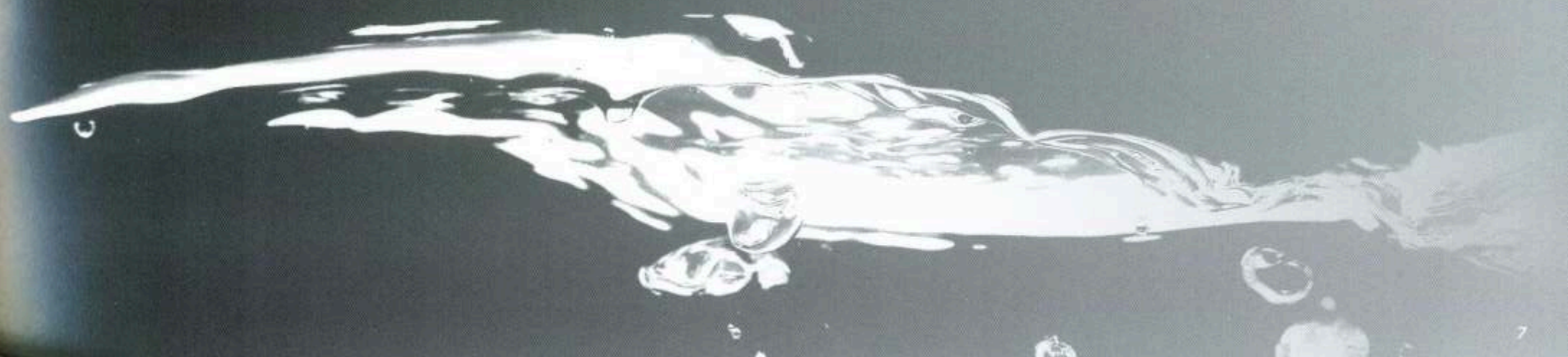
The newest addition to the SmartCraft information display family. VesselView is the premier engine information display that brings together all functions on the vessel through a clear, direct sunlight viewable full colour display.

## **SMARTCRAFT MERCMONITOR FEATURING - ECO-SCREEN**

Would you like to get an increase in fuel economy?  
Mercury Marine's new ECO feature allows you to do just that!

ECO-Screen is a feature that tells you what you need to do, as a boater to obtain the best fuel economy for your application. The Eco feature is constantly monitoring engine RPM, boat speed, fuel consumption & and engine trim to automatically calculate and guide you to your best fuel economy settings.

MercMonitor is an affordable, high-value digital vessel monitoring system that allows you to select three pieces of data to be displayed at once. Customize up to five tri-data screens so you can adjust effortlessly to meet your changing needs. The gauge even features a user-selectable multicolour LED screen and now supports NMEA 2000 functionality.



# LOOK DEEPER INTO SUPERCHARGED FOURSTROKE VERADO

It's a power game. But you already know that. You hear "horsepower", and your ears pick up. Someone say's "supercharged" and the hair on the back of your neck stands up. Well, there's a new word you should add to your vocabulary. Verado, engineered like nothing else. These supercharged engines are your ticket to the sweetest setup on the water, with it's electronically controlled sequential multi-port fuel injection and four-valve per cylinder, double-overhead cam design. We're talking rocket like planing and a hole shot you wouldn't believe from a FourStroke...you need to experience it for yourself.

You'll be awestruck by precision handling via SmartCraft Digital Throttle & Shift (DTS), it's stealthy like roar, plus it's raw power right through the rev range like no other outboard you've ever run.

[www.marineroutboards.com.au](http://www.marineroutboards.com.au)







VERADO

300hp 250hp 225hp 200hp



**Engine Type:** Six-cylinder DOHC 2598cc  
**Weight:** 288kg  
**Steering:** Electro-Hydraulic Power Steering with Integral Hydraulic Cylinder  
**Warranty:** 3+2=5 year limited, non-declining factory-backed  
**Induction:** Supercharged with charge air cooling  
**Shaft Length:** 20", 25", 30"

200hp 175hp 150hp 135hp



**Engine Type:** In-line 4, 16-valve, double overhead cam DOHC 1732cc  
**Weight:** 231kg-239kg (depending on driveshaft length)  
**Steering:** Standard Hydraulic Power Steering Or Optional Electro-Hydraulic Power Steering or Big Tiller Option  
**Warranty:** 3+2=5 year limited, non-declining factory-backed  
**Induction:** Supercharged with charge air cooling and electronic boost pressure control  
**Shaft Length:** 20" (L) & 25" (XL, CXL)

## THE VERADO RANGE MAXIMUM TORQUE THAT RUNS DEEP



### DIGITAL THROTTLE & SHIFT. AGILITY COMES STANDARD

Every Verado engine has Digital Throttle & Shift (DTS) as standard. With lightning fast throttle response, you have added maneuverability that can assist you while on the water or at docking. DTS also removes the need for cable adjustments, and the shifting and throttle adjustments that using long remote cables requires. That means less down time.



Every engine in the Verado range is built on one solid principle: To create a motor that is tough from top to bottom. With supercharged power in every Verado, the torque produced by the engine is nothing short of incredible. With greater torque through the entire rev range you receive awesome acceleration as well as being able to keep a heavily loaded boat on plane at slower speeds, and climb larger waves.



#### **ADVANCED MIDSECTION CRADLE**

Verado 6-cylinder models feature AMS – an Advanced MidSection cradle mount that surrounds the powerhead to virtually eliminate vibration while in motion. The mounting system also stiffens as thrust load increases to improve handling. This unique system has also been shown to generate more lift on and better top speed performance.

#### **ELECTRO-HYDRAULIC POWER FOR EFFORTLESS STEERING**

With power steering, the operation on a Verado is so smooth, your arms will thank you for it. There's no inconsistent steering system here, simply an effortless way to command your vessel, thanks to the electro-hydraulic power steering at your fingertips. It smoothes everything over.

## SUPERIOR CORROSION PROTECTION



Salt demands more. That's why Mercury Marine uses more stainless steel components than our competitors, as well as our exclusive low-copper XK 360 aluminium alloy that provides industry-leading protection against saltwater corrosion. In addition, the Verado supercharger features a marine-grade anodized aluminium housing and Teflon®-coated rotors. To top it all off, Verado is equipped with protective sacrificial anodes for superior protection at every level.

## WHISPER QUIETER



## WEIGHT 24KG LIGHTER



## NOTHING'S QUIETER

Meriner Verado 300hp is 50% quieter than Suzuki 300hp at wide open throttle.

- In-line six-cylinder engine block inherently runs smoother and quieter than other outboards.
- Cradle-mount design isolates the engine, minimizing vibration and noise.

Comparative results are based on both independent testing procedures, plus comparative tests conducted by Mercury Marine. Test Conducted on a Key West 2300 fitted with a Verado 300hp and a Suzuki 300hp EFI Four-stroke.

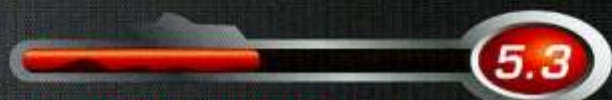
Test Conducted on a 16' aluminium fishing boat fitted with a New Verado 150hp FourStroke, on a Evinrude 150hp E-Tec and a Honda 150hp Four-stroke.

## LIGHTWEIGHT 200HP SUPERCHARGED FOURSTROKE

Much like the six-cylinder model, the four-cylinder Verado is futuristic when it comes to producing unbeatable power and a previously unimagined boating experience.

Automotive-like responsiveness, remarkable acceleration and unbeatable torque combine with industry-leading reliability and optional power steering to create a driving experience comparable to the performance of our six-cylinder Verado. Slightly smaller, still spectacular, still the best.

**ACCELERATION SPEED (0-48 KPH)**  
**32% QUICKER**



**Mariner Verado 150hp**



**Honda Four-stroke 150hp**

**BEST FUEL ECONOMY (KM PER LITRE)**  
**26% BETTER**



**GET THERE QUICK SMART**

From 0-48kmh, Verado 150hp is up to 2.4 seconds quicker than a Honda 150hp 4-Stroke

- Supercharge system provides beefy torque for incredible holeshot and jaw-dropping mid-range acceleration.

Our unique charge air cooler helps increase intake air density for increased power.

**RUN FARTHER FASTER WITH THE RANGE PLUS POWERTRAIN.**

At maximum cruise, Verado 150hp provides up to 90km more range per 151-litre tank than a 150hp E-TEC & 64km more than Suzuki 150hp

- At cruise, Verado 150hp delivers up to 26% more kml than Suzuki 150hp and 43% more kml than Evinrude 150hp E-TEC.
- Sequential Multiport Fuel Injection ensures the perfect ratio of fuel to air for optimal combustion efficiency.



## LOOK DEEPER INTO OPTIMAX

It's a global best seller. Take an OptiMax out, and you will soon discover why it's become a world favourite. With leading fuel economy, durability and unbeatable performance, you can rest easy knowing that it's backed by the only 3 year factory Corrosion Warranty and Mercury Marine's leading 3+2=5 year Engine Warranty. A warranty that's supported by the largest service network throughout Australia and New Zealand.

[www.marineroutboards.com.au](http://www.marineroutboards.com.au)





**OPTIMAX**

250hp 225hp 200hp



**Engine Type:** V6 3032cc  
**Weight:** 225kg (250hp 229kg)  
**Steering:** Remote or Big Tiller option  
**Warranty:** 3+2=5 year limited, non-declining factory-backed  
**Induction:** 2-Stage Direct Fuel Injection  
**Shaft Length:** 20", 25" & 30" (30" on 200hp N/A)  
 (20" on 250hp N/A)

175hp Pro XS 150hp 135hp



**Engine Type:** V6 2507cc  
**Weight:** 185kg  
**Steering:** Remote or Big Tiller option  
**Warranty:** 3+2=5 year limited, non-declining  
 factory-backed  
**Induction:** 2-Stage Direct Fuel Injected  
**Shaft Length:** 20", 25"

125hp 115hp 90hp 75hp



**Engine Type:** I-3 1526cc  
**Weight:** 170kg  
**Steering:** Remote or Big Tiller option  
**Warranty:** 3+2=5 year limited, non-declining  
 factory-backed  
**Induction:** 2-Stage Direct Fuel Injected  
**Shaft Length:** 20", 25"

\* Big Tiller option available also

# TAKE TO THE WATER WITH CONFIDENCE

## OptiMax



### SAVE TIME, AND MONEY GETTING TO YOUR FAVOURITE SPOT

In side by side tests with the competition, the OptiMax 200hp was up to 11% quicker and delivered up to 32% better fuel economy at the same time. So when you get in a boat driven by an OptiMax you'll be able to move at bigger speeds without spending big at the bowser. How can this be? Every engine features an air compressor that provides a steady charge of cooled air for maximum combustion and efficiency.



Nothing beats a day on your boat when you know it's powered by the perfect engine. OptiMax is outfitted with innovative features designed to let you enjoy every available minute – features like its two-stage direct injected fuel system, ultra-reliable components and “smart” electronics that give you confidence to go as far as you like.



#### **MAXIMUM ACCELERATION, MAXIMUM PERFORMANCE**

OptiMax has the Direct Injection technology that the professionals trust. They know they can count on the unsurpassed acceleration and top speeds that OptiMax delivers. From 0 - 32kph, OptiMax 150hp beats every Four-stroke. With acceleration that's 33% faster than Honda, 30% faster than Suzuki and 11% faster than Yamaha. It's even 11% faster than Evinrude E-TEC. So for maximum enjoyment, there's nothing better than an OptiMax.

## FOCUS ON THE FISH, NOT ON THE FUEL

Fish don't run according to your fuel gauge. Which is why the unrivalled fuel economy of a Mariner OptiMax makes it the ideal fishing companion. With its ultra-efficient dome-shaped pistons, an OptiMax offers remarkable fuel efficiency that allows you to focus on where the fish are, instead of where your next fill-up is coming from.

## MORE KILOMETRES PER LITRE



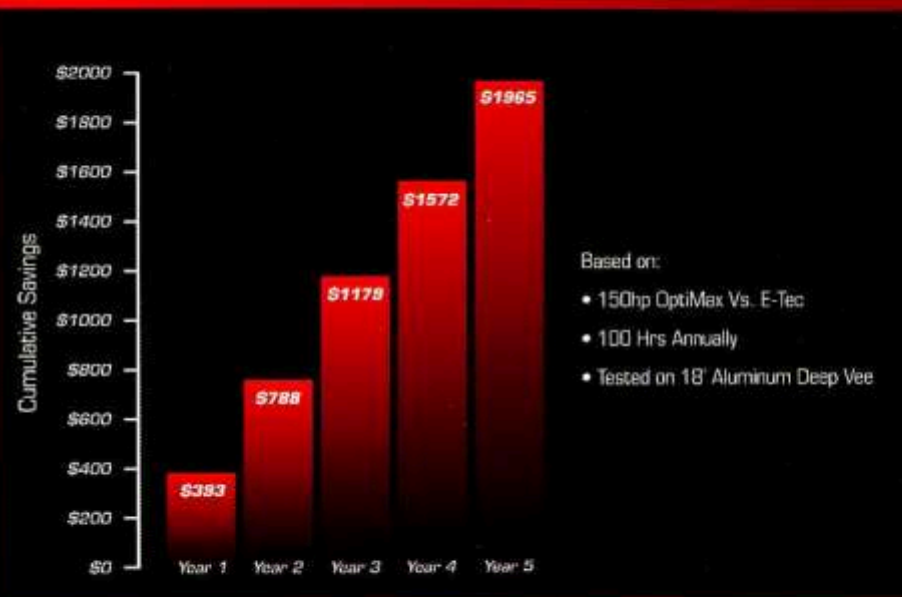
## GET MORE OUT OF EVERY LITRE

Mariner OptiMax 150hp delivers up to 24% better fuel economy than Evinrude E-TEC 150hp

- Proven Direct-Injection system boasts the industry's most efficient fuel-and-air atomization.
- OptiMax boasts an outstanding power-to-weight ratio, contributing to better fuel efficiency.
- PCM manages the engine to ensure peak performance and efficiency regardless of conditions.

## OPTIMAX SAVES YOU MONEY

Over five years of ownership, Mariner OptiMax 150hp could save you up to \$1965 on Petrol compared to other two-strokes in its class.



Source: Mercury Marine Engineering Dept. - May 2007. Test conducted on 18' aluminium fishing boat using a new Mariner OptiMax 150hp, an Evinrude E-TEC 150hp. Evinrude is registered trademark of Bombardier Recreational products Inc. Assumption: Engines are run 100 hours per year over 5 years at a speed of less than 3000 RPM's 50% of the time, cruising speed between 3000 - 4500 RPM's 40% of the time & not more than 4500 RPM's 10% of the time. Fuel savings based on price of fuel at \$1.15 per litre. Comparative results are based on both independent testing procedures, plus comparative tests conducted by Mercury Marine. Test Conducted on a 18' aluminium Fishing boat using a new Mariner OptiMax 150hp, an Evinrude 150hp, Suzuki 150hp EFI Four-stroke and a Yamaha 150hp EFI Four-stroke. Test conducted on a Lowe 160 with a OptiMax 90hp and a Evinrude 90 E-TEC.

**ACCELERATION SPEED (0-32KPH)****BEST TOP SPEED (KPH)**  
3% FASTER**MAXIMUM ACCELERATION,  
MAXIMUM PERFORMANCE**

From 0-32kph, Mariner OptiMax 150hp accelerates 11% quicker than Evinrude E-Tec 150hp, 33% faster than Honda, 30% faster than Suzuki & 11% faster than Yamaha.

- Two-stage DI system produces instantaneous throttle response.
- Mariner's hydrodynamic gearcase design cuts through water efficiently to improve overall performance and top speed.

**THE DIRECT-INJECTION ADVANTAGE**

The smaller the fuel particle the better the combustion. Our low pressure Direct-Injection system sends a fine mist of microscopic atomized fuel and air particles directly into the cylinder.

- 89 times smaller than the diameter of a human hair, these fuel particles burn quicker, cleaner and producing fewer emissions, better fuel economy and more responsive performance.

## LOOK DEEPER INTO FOURSTROKE

Everything from reliable instant starts and clean, quiet operation, to flawless performance under almost any condition. Mariner FourStroke outboards are a perfect fit for your boat. Mariner FourStrokes deliver reliable responsive power, along with the fuel-efficient performance with the only 3 year Corrosion Warranty in the industry, and Mercury Marine's leading 3+2=5 year Engine Warranty.

[www.marineroutboards.com.au](http://www.marineroutboards.com.au)





# FOURSTROKE

115hp 90hp 75hp



**Engine Type:** I-4 1732cc  
**Weight:** 181kg  
**Steering:** Remote or Tiller kit\*  
**Warranty:** 3+2=5 year limited, non-declining factory-backed  
**Induction:** 4-Valve Dual Overhead Cam design  
**Shaft Length:** 20", 25" (75hp 20" only)

60hp 50hp



**Engine Type:** I-4 985cc  
**Weight:** 112kg  
**Steering:** Remote or Tiller kit\*  
**Warranty:** 3+2=5 year limited, non-declining factory-backed  
**Induction:** 2-Valve Single Overhead Cam design  
**Shaft Length:** 20"

40hp EFI 40hp Carb



**Engine Type:** I-3 747cc  
**Weight:** 88kg (EFI), 93kg (Carb)  
**Shaft Length:** 15" & 20"

60hp EFI 50hp EFI 40hp EFI



**BigFoot**

**Engine Type:** I-4 985cc  
**Weight:** 118kg  
**Steering:** Remote or Tiller kit\*  
**Warranty:** 3+2=5 year limited, non-declining factory-backed  
**Induction:** 2-Valve Single Overhead Cam design  
**Shaft Length:** 20"

\* Big Tiller option available also



#### **COST SAVING BUILT-IN DURABILITY**

The 115 - 75hp EFI FourStroke models are built to deliver long-term reliable performance. The fully filtered air-intake protects internal engine components from potentially damaging dust and sand, while our advanced Anti-drain back oil system assures instant lubrication upon start-up.

In addition they come standard with an exclusive DOHC (Double OverHead Cam) Valve Train- that is maintenance free for life & uses a shared Verado components ensures the ultimate in mechanical toughness and reliability.

#### **SUPERIOR CORROSION PROTECTION**

Meriner FourStrokes deliver powerful saltwater protection by using more Stainless Steel Components, hard anodizing, engineered polymers and exclusive multi-step painting and coating processes. Saltwater maintenance is made easy in the 115 - 40hp models with the innovative Freshwater Flushing System and... only Mercury Marine offers a three-year limited corrosion failure warranty.

Mariner FourStrokes have long led the pack in clean, quiet, fuel-efficient outboard power, and now the gap has grown even wider. We combined innovative engineering with advanced reliability features to make our outboards run clean, stay quiet and deliver smooth, responsive performance – all while cutting your fuel and maintenance costs.

## Big Foot



### PEACE OF MIND

Engine Guardian uses more than 40 sensors to monitor functions of your engine. If the proactive operator-warning system detects a potential problem - such as over-revving, overheating or low oil pressure - Engine Guardian sends out an alert and automatically reduces engine power to prevent damage.

### BIGFOOT

Houseboats, Pontoons or heavy vessels are unique; they sit high above the water and are hydro-dynamically different from other boats. In response to those and other challenges, Mercury Marine developed BigFoot, the industry's only outboard engine made specifically for Houseboats, Pontoons or heavy vessels.

BigFoot engines are built with a taller, heavy-duty gear case, larger gears and shafts (up to 33% larger than standard outboards) and that places the propeller deeper in the water dramatically improved performance by been able to running a larger propeller. The BigFoot's propeller has up to 20 percent more surface area than standard propeller, providing more working surface for greater overall thrust, acceleration and manoeuvrability.



**30hp**      **25hp**      **20hp**

**Engine type:** 3-cylinder 526cc  
20hp (2 cylinder) 351cc

**Weight:** 30hp (78kg), 25hp (71kg), 20hp (52kg)

**Steering:** Remote or Tiller

**Warranty:** 3+2=5 year limited,  
non-declining factory-backed

**Induction:** 2-valve Single Overhead Cam

**Shaft Length:** 15" & 20"

## THE MARINER FOURSTROKE RANGE PACKED WITH FEATURES YOU CAN TAKE ANYWHERE

15hp / 9.9hp / 8hp



**Engine type:** 15hp 2 cylinder 351cc  
9.9hp and 8hp 2 cylinder 208cc

**Weight:** 15hp (52kg),  
9.9hp & 8hp (38kg)

**Steering:** Remote or Tiller

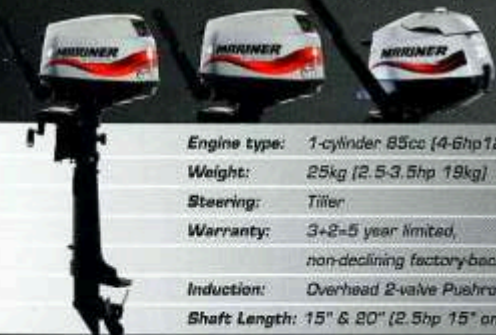
**Warranty:** 3+2=5 year limited, non-declining factory-backed

**Induction:** 2-valve Single Overhead Cam

**Shaft Length:** 9.9hp (15", 20" & 25")  
15hp & 8hp (15", 20")



6hp / 5hp / 4hp / 3.5hp / 2.5hp



**Engine type:** 1-cylinder 85cc (4-6hp 123cc)

**Weight:** 25kg (2.5-3.5hp 19kg)

**Steering:** Tiller

**Warranty:** 3+2=5 year limited,  
non-declining factory-backed

**Induction:** Overhead 2-valve Pushrod

**Shaft Length:** 15" & 20" (2.5hp 15" only)

### UNLIKE THE REST

The 30hp & 25hp EFI Mariner Portables stand apart from the competition. Firstly because they are the first Electronic Fuel Injected FourStroke Portable in such a compact size. In addition, in another industry first, the 30hp & the 25hp EFI portable allows for a battery free, manual start. That's thinking outside the box.



With models ranging from 30hp to 2.5hp, the Mariner FourStroke Portables are suited to everything from small inflatables to aluminium dinghies and punts. Mariner's FourStroke Portables are designed with leading edge features for enhanced reliability and performance. Like trouble-free starting thanks to a fast idle and fuel primer system. So every engine in the range runs smoother for longer. We've even added noise-reducing cowls, air intake silencers and through prop exhausts for even cleaner and quieter operation.



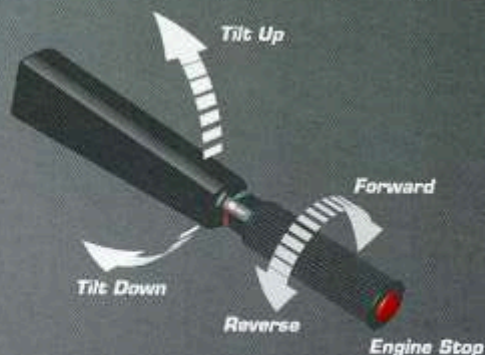
### FULLY LOADED

When it comes to unique standard features, the competition can't match Mariner FourStroke. From 20hp down to 8hp, our full-featured engines are easy to handle

- Multifunctional tiller handle controls shifting, stopping, steering, throttle, tilt and start, all with just one hand
- Easy to use steering co-pilot provides additional steering control & safety and is easily adjusted by hand
- Multiple trim positions plus shallow-water drive provide maximum performance no matter what depth you operate in
- With standard manual recoil, you'll have peace of mind knowing that you can start the engine even if the battery is low
- Exclusive dual-water intakes provide a constant supply of cooling water to provide durability
- Backed by the only 3-year Corrosion Warranty based on Mercury Marine's exclusive XK360 anti-corrosion alloy
- Supported by the largest service network throughout Australia and New Zealand

### 3+2=5 YEAR WARRANTY

Purchase any Mariner Outboard in Australia or New Zealand and you'll receive a guaranteed 3 years of cover. Plus if you have it maintained with genuine parts at an Authorised Service Centre, we'll give you an additional 2 years of factory-backed cover. That's a full 5 years.



### ONE-HANDED TILLER CONTROL

The tiller arm also can pivot vertically 180° for easy storage. And for added safety you can adjust the tilt position whilst in motion by ratcheting the tiller arm without leaning over the transom to adjust the tilt pin – that's smart safe thinking. Available on 8, 9.9, 20, 25 and 30hp Models.

200hp



150hp



<b>Engine Type:</b>	V6 2507cc	
<b>Weight:</b>	196kg	193kg
<b>Steering:</b>	Remote	
<b>Warranty:</b>	3+2=5 year limited, non-declining factory-backed	
<b>Induction:</b>	Loop charged (EFI) elec. fuel injection	
<b>Shaft Length:</b>	20" & 25"	

## LOOK DEEPER INTO THE PROVEN RELIABILITY OF TWO-STROKE POWER

90hp



75hp



<b>Engine Type:</b>	3 Cylinder 1386cc	
<b>Weight:</b>	138kg	
<b>Steering:</b>	Remote	
<b>Warranty:</b>	3+2=5 year limited, non-declining factory-backed	
<b>Induction:</b>	Loop charged (3 carb)	
<b>Shaft Length:</b>	20" & 25"	20"

60hp

60hp BF



50hp



<b>Engine Type:</b>	3 Cylinder 967cc	
<b>Weight:</b>	99.5kg	109kg BF 93kg
<b>Steering:</b>	Remote	Remote or Tiller
<b>Warranty:</b>	3+2=5 year limited, non-declining factory-backed	
<b>Induction:</b>	Loop charged (3 carb)	
<b>Shaft Length:</b>	20"	

40hp



<b>Engine Type:</b>	2 Cylinder 644cc	3 Cylinder 697cc
<b>Weight:</b>	78kg	88kg
<b>Steering:</b>	Remote	Tiller or Remote
<b>Warranty:</b>	3+2=5 year limited, non-declining factory-backed	
<b>Induction:</b>	Loop charged (3 carb)	Loop charged (1 carb)
<b>Shaft Length:</b>	20"	15" & 20"



### WHAT YOU NEED, WHEN YOU NEED IT

We've taken a no-nonsense approach to the engineering department, and it shows. With valuable features like Variable-ratio oil injection to reduce oil consumption and provide smoke-free running, instant turn-key starting, and exclusive SmartCraft digital engine management. SmartCraft optimises your engine as it runs, providing all the vital diagnostics you need to the helm. Other handy items include 60amp alternators, Electronic Motorola® processed monitoring, corrosion resistant XK 360 alloy and more.

### **THE MID-RANGE TWOSTROKE. ONE SMOOTH OPERATOR**

From 40hp to 90hp, Mariner's mid-range TwoStrokes deliver startling reliability, not to mention gutsy performance. The secret to our mid-range's renowned reliability thanks to its cool running. With high volume, low pressure, floppy-vane water impellers keeping operating conditions down. Other enhancements include single point, variable-ratio oil injection or electric start motors that automatically mix correct oil/fuel combinations.



### **BACKED BY THE BEST**

Every engine in the Mariner TwoStroke range is backed by an extensive 3+2=5 year warranty, as well as 3 year Corrosion Warranty. Plus we support this commitment with the largest Service Network that stretches across Australia and New Zealand.

30hp LW



25hp



<b>Engine Type:</b>	2 Cylinder 430cc
<b>Weight:</b>	51kg
<b>Steering:</b>	Tiller or Remote Tiller
<b>Warranty:</b>	3+2+5 year limited, non-declining factory-backed
<b>Induction:</b>	Loop charged (1 carb)
<b>Shaft Length:</b>	15" & 20"

15hp SUPER



<b>Engine Type:</b>	2 Cylinder 294cc
<b>Weight:</b>	42kg
<b>Steering:</b>	Tiller or remote
<b>Warranty:</b>	3+2+5 year limited, non-declining factory-backed
<b>Induction:</b>	Loop charged (3 carb)
<b>Shaft Length:</b>	15" & 20"

15hp



<b>Engine Type:</b>	2 Cylinder 262cc
<b>Weight:</b>	35kg
<b>Steering:</b>	Tiller or Remote
<b>Warranty:</b>	3+2+5 year limited, non-declining factory-backed
<b>Induction:</b>	Cross flow (1 carb)
<b>Shaft Length:</b>	15" & 20"

## PORTABLE TWOSTROKES. THE PERFECT PORTABLE POWER

Whether you're a fisherman, a yachtie or looking to run a smaller leisure vessel – Mariner's range of portable TwoStrokes provide the power that can go anywhere and keep on going.



## PORTABLE TWOSTROKE ENGINES, NINE GREAT CHOICES

With eleven horsepower options ranging from 3.3hp to 30hp, Mariner have the portable power that you can carry, run and depend on. We also offer a 15hp Super model that holds a larger capacity engine than standard – ideal for when you've got to move a heavier load.



8hp



6hp

**Engine Type:** 2 Cylinder 169cc  
**Weight:** 26kg  
**Steering:** Tiller  
**Warranty:** 3+2=5 year limited, non-declining factory-backed  
**Induction:** Loop charged (1 carb)  
**Shaft Length:** 15" & 20" 15"



5hp



4hp

**Engine Type:** 1 Cylinder 102cc  
**Weight:** 20kg  
**Steering:** Tiller  
**Warranty:** 3+2=5 year limited, non-declining factory-backed  
**Induction:** Loop charged (1 carb)  
**Shaft Length:** 15" & 20"



3.3hp

**Engine Type:** 1 Cylinder 74.6cc  
**Weight:** 13kg  
**Steering:** Tiller (360°)  
**Warranty:** 3+2=5 year limited, non-declining factory-backed  
**Induction:** Loop charged (1 carb)  
**Shaft Length:** 15"



### 10 GOOD REASONS TO CONSIDER A PORTABLE TWOSTROKE

When looking at portables, ask yourself if they can deliver what Mariner can. Mariner offer portable TwoStroke engines that:

1. Are lightweight & powerful
2. Start easily with modular electronic ignition simple to maintain
3. Are part of the widest choice of portable power in the industry
4. Are available with steering Co-Pilot, an additional steering control
5. Offer variable engine trim positions for various conditions
6. Are portable and easy to handle with carrying handles and grips
7. Use exclusive XK360 alloy that is corrosion resistant
8. Large displacement powerhead for performance and efficiency
9. Are covered by a comprehensive 3+2=5 year warranty
10. Are backed by a 3 year anti-corrosion warranty

# MERCURY MARINE PROPELLERS THE RIGHT WAY FORWARD

Next to your engine, your propeller is the single most important factor in how your boat performs. It affects:

- Handling
- Engine Life
- Speed
- Acceleration
- Fuel Economy
- Safety

Mercury Marine is the world's largest propeller designer with over 700 propellers in our range and fits all other manufactures engines everything from custom to high performance and racing models. Mercury Marine propellers are proven for superior strength, and all-round performance. Speak to your dealer about the right propeller for your needs or use our online propeller selector at [www.mercurymarine.com/prop\\_selector](http://www.mercurymarine.com/prop_selector)



## Vengeance

Better acceleration and handling propeller, built to be 5 times more durable. This quality stainless steel propeller is available for use in either rotation with pitches from 9" to 23".



## Laser II

Ideal for fast and light running, the Laser II has thin blades for low drag and higher speed. Available in both rotations with 19" to 26" pitch.



## Trophy Plus

The Trophy Plus delivers remarkable bow lift, quick planing and better handling, and is ideally suited to outboard applications such as runabouts and ski boats. A four blade propeller with 17" to 28" pitch, the Trophy Plus can be used on outboards 75hp and up.



## Trophy Sport

A compact 4 bladed propeller in 12" and 15" pitch, the Trophy Sport offers fast planing, top speeds, improved handling and reduced steering loads. Specifically designed for outboards 30-60hp, that run between 50-100kph.



## Tempest Plus

The Tempest is ventilated for increased acceleration with a higher rake and better handling lift. Designed in 13" to 29" pitch, it has a larger diameter for big transom weights and is suited to large outboards.



## Enertia/Fury

Cast with exclusive new X7 alloy, the Enertia/Fury has incredibly thin blades and higher rake angles to deliver higher acceleration and top speed. It's the ultimate for high horsepower outboard-powered boats. Available in 14" to 27" pitch.



## Mirage Plus

A propeller built strong enough to handle your high horsepower demands. With a large diameter and high-output blade geometry, it is ideal for heavier outboards and sterndrives and comes in 13" to 28" pitch.



## Vensura

Suited to twin outboard vessels, the Vensura provides outstanding lift even in rough seas. Fashioned in high gloss stainless steel, and designed in 17" to 23" pitch, they can be used in offshore or sports boat applications.



## Revolution 4

You need a revolution to achieve better performance in sterndrives or big outboard sports boats. Put this propeller on and watch your mid-range acceleration and top speed dramatically improve. With a large stainless steel design in 15" to 25" pitch.



## Highfive

Cuts the water with an innovative 5 blade system for smooth acceleration and effortless ski-pull. You can use the Highfive on both outboards and sterndrives, and it is available in 17" to 25" pitch.



## **BIG TILLER**

***BIG TIME COMFORT. BIG DEAL ENGINEERING.***

Mercury Marine's new "big" tiller handle gives fishermen and commercial operators just what they want - more room in the boat and simple hands-on control of their engine.

This ergonomically-friendly big tiller is a joy to use, with integrated shift, trim and throttle controls.

User-friendly adjustment knobs allow for easy modification of the tiller handle angle, throttle handle and valve tension - and operating it is a breeze thanks to the proximity of the shift arm to the throttle end of the tiller.

Created specifically for high horsepower Mariner outboard engines, the handle adapts to

- 40 to 115hp FourStrokes
- 75 to 250hp OptiMax engines
- 135 to 200hp four-cylinder Verado engines with SmartCraft Digital Throttle & Shift (DTS)

Available options include external trim switches, such as foot trims; a push-button RPM adjuster which means better control and manoeuvrability; and power steering on some models.

**Big  
TILLER**

# Mariner Verado™ Supercharged FourStrokes

	300 6-cylinder	250 6-cylinder	225 6-cylinder	200 6-cylinder	200LW 4-cylinder	175 4-cylinder	150 4-cylinder	135 4-cylinder
Propeller Rated Horsepower	300hp (224kW)	250hp (184kW)	225hp (165kW)	200hp (149kW)	200hp (149kW)	175hp (130kW)	150hp (110kW)	135hp (101kW)
Max RPM at Full Throttle	5600 - 6400	5600 - 6400	5600 - 6400	5600 - 6400	5600 - 6400	5600 - 6400	5600 - 6400	5600 - 6400
Cylinder Configuration	In-line 6, 24-valve, double overhead cam	In-line 6, 24-valve, double overhead cam	In-line 6, 24-valve, double overhead cam	In-line 6, 24-valve, double overhead cam	In-line 4, 16-valve, double overhead cam	In-line 4, 16-valve, double overhead cam	In-line 4, 16-valve, double overhead cam	In-line 4, 16-valve, double overhead cam
Displacement	2.9 liter (293cc)	2.5 liter (250cc)	2.2 liter (220cc)	2.0 liter (200cc)	1.7 liter (170cc)	1.7 liter (170cc)	1.7 liter (170cc)	1.7 liter (170cc)
Induction System	Supercharged with charge air cooling and electronic boost pressure control	Supercharged with charge air cooling and electronic boost pressure control	Supercharged with charge air cooling and electronic boost pressure control	Supercharged with charge air cooling and electronic boost pressure control	Supercharged with charge air cooling and electronic boost pressure control	Supercharged with charge air cooling and electronic boost pressure control	Supercharged with charge air cooling and electronic boost pressure control	Supercharged with charge air cooling and electronic boost pressure control
Fuel System	Computer-controlled multi-port EFI	Computer-controlled multi-port EFI	Computer-controlled multi-port EFI	Computer-controlled multi-port EFI	Computer-controlled multi-port EFI	Computer-controlled multi-port EFI	Computer-controlled multi-port EFI	Computer-controlled multi-port EFI
Fuel Requirements	Unleaded regular†	Unleaded regular†	Unleaded regular†	Unleaded regular†	Unleaded regular†	Unleaded regular†	Unleaded regular†	Unleaded regular†
Charging System	Fully regulated belt-driven 70-amp	Fully regulated belt-driven 70-amp	Fully regulated belt-driven 70-amp	Fully regulated belt-driven 70-amp	Fully regulated belt-driven 70-amp	Fully regulated belt-driven 70-amp	Fully regulated belt-driven 70-amp	Fully regulated belt-driven 70-amp
Cooling System	Water-cooled with thermostat & pressure control‡	Water-cooled with thermostat & pressure control‡	Water-cooled with thermostat & pressure control‡	Water-cooled with thermostat & pressure control‡	Water-cooled with thermostat & pressure control‡	Water-cooled with thermostat & pressure control‡	Water-cooled with thermostat & pressure control‡	Water-cooled with thermostat & pressure control‡
Lubrication System	Integrated dry sump	Integrated dry sump	Integrated dry sump	Integrated dry sump	Integrated dry sump	Integrated dry sump	Integrated dry sump	Integrated dry sump
Oil Requirement	MMMA* certified FCW SAE 25W-50	MMMA* certified FCW SAE 25W-50	MMMA* certified FCW SAE 25W-50	MMMA* certified FCW SAE 25W-50	MMMA* certified FCW SAE 25W-50	MMMA* certified FCW SAE 25W-50	MMMA* certified FCW SAE 25W-50	MMMA* certified FCW SAE 25W-50
Engine Management & Ignition System	SmartCraft® PCM 07	SmartCraft® PCM 07	SmartCraft® PCM 07	SmartCraft® PCM 07	SmartCraft® PCM 07	SmartCraft® PCM 07	SmartCraft® PCM 07	SmartCraft® PCM 07
Engine Control & Gear Shift	SmartCraft® Digital Throttle & Shift (DTS)	SmartCraft® Digital Throttle & Shift (DTS)	SmartCraft® Digital Throttle & Shift (DTS)	SmartCraft® Digital Throttle & Shift (DTS)	SmartCraft® Digital Throttle & Shift (DTS)	SmartCraft® Digital Throttle & Shift (DTS)	SmartCraft® Digital Throttle & Shift (DTS)	SmartCraft® Digital Throttle & Shift (DTS)
Engine Protection System	SmartCraft® Engine Guardian	SmartCraft® Engine Guardian	SmartCraft® Engine Guardian	SmartCraft® Engine Guardian	SmartCraft® Engine Guardian	SmartCraft® Engine Guardian	SmartCraft® Engine Guardian	SmartCraft® Engine Guardian
Gear Ratio	1.75:1	1.85:1	1.93:1	1.95:1	2.09:1	2.09:1	2.09:1	2.09:1
Overhaul Length	20" LU 25" LU (C) 30" LU (C)	20" LU 25" LU (C) 30" LU (C)	20" LU 25" LU (C) 30" LU (C)	20" LU 25" LU (C) 30" LU (C)	20" LU 25" LU (C) 30" LU (C)	20" LU 25" LU (C) 30" LU (C)	20" LU 25" LU (C) 30" LU (C)	20" LU 25" LU (C) 30" LU (C)
Trim/Tilt System	SmartCraft programmable power trim and tilt	SmartCraft programmable power trim and tilt	SmartCraft programmable power trim and tilt	SmartCraft programmable power trim and tilt	SmartCraft programmable power trim and tilt	SmartCraft programmable power trim and tilt	SmartCraft programmable power trim and tilt	SmartCraft programmable power trim and tilt
Steering System	Electric hydraulic power steering with integral hydraulic cylinder	Electric hydraulic power steering with integral hydraulic cylinder	Electric hydraulic power steering with integral hydraulic cylinder	Electric hydraulic power steering with integral hydraulic cylinder	Big Tilt® hydraulic or optional electric hydraulic power steering	Big Tilt® hydraulic or optional electric hydraulic power steering	Big Tilt® hydraulic or optional electric hydraulic power steering	Big Tilt® hydraulic or optional electric hydraulic power steering
Compressive Weight** 20" LU	289kg	269kg	269kg	269kg	231kg	231kg	231kg	231kg



\*Comparative weight refers to base engine without oil, propeller or integral steering cylinder.  
 \*\*Only available through authorized Mercury Marine Racing Dealers.  
 †Premium Unleaded recommended for maximum performance under all operating conditions.  
 ‡Big Tilt® option available.

# Mariner OptiMax® Direct Injection

	250	225	200	175 Pro XS	150	135	125	115	90	75
Propeller Rated Horsepower	250hp (184kW)	225hp (165kW)	200hp (149kW)	175hp (130kW)	150hp (110kW)	135hp (99.2kW)	125hp (93.2kW)	115hp (84.9kW)	90hp (66.7kW)	75hp (55.7kW)
Max RPM at Full Throttle	5000-6000	5000-5750	5000-5750	5000-6000	5000-5750	5000-5500	5000-5150	5000-5750	5000-5750	5000-5750
Cylinders	V-6 180° val	V-6 180° val	V-6 180° val	V-6 180° val	V-6 180° val	V-6 180° val	3	3	3	3
Displacement	165.9 cu in (2707cc)	165.9 cu in (2707cc)	165.9 cu in (2707cc)	153 cu in (2507cc)	153 cu in (2507cc)	153 cu in (2507cc)	92.9 cu in (1526cc)	92.9 cu in (1526cc)	92.9 cu in (1526cc)	92.9 cu in (1526cc)
Stroke-Stroke	52mm x 78mm	52mm x 78mm	52mm x 78mm	52mm x 78mm	52mm x 78mm	52mm x 78mm	35mm x 78mm	35mm x 78mm	35mm x 78mm	35mm x 78mm
Cooling System	Water-cooled w/ thermostat & pressure control‡	Water-cooled w/ thermostat & pressure control‡	Water-cooled w/ thermostat & pressure control‡	Water-cooled w/ thermostat & pressure control‡	Water-cooled w/ thermostat & pressure control‡	Water-cooled w/ thermostat & pressure control‡	Water-cooled w/ thermostat & pressure control‡	Water-cooled w/ thermostat & pressure control‡	Water-cooled w/ thermostat & pressure control‡	Water-cooled w/ thermostat & pressure control‡
Engine Management & Ignition System	SmartCraft® PCM 07	SmartCraft® PCM 07	SmartCraft® PCM 07	SmartCraft® PCM 07	SmartCraft® PCM 07	SmartCraft® PCM 07	SmartCraft® PCM 07	SmartCraft® PCM 07	SmartCraft® PCM 07	SmartCraft® PCM 07
Starting	Electric	Electric	Electric	Electric	Electric	Electric	Electric	Electric	Electric	Electric
Gear Ratio	1.75:1	1.75:1	1.75:1	1.87:1	1.87:1	2.00:1	2.07:1	2.07:1	2.33:1	2.33:1
Gear Shift	F/R	F/R	F/R	F/R	F/R	F/R	F/R	F/R	F/R	F/R
Steering	Remote or Tiller action†	Remote or Tiller action†	Remote or Tiller action†	Remote or Tiller action†	Remote or Tiller action†	Remote or Tiller action†	Remote or Tiller action†	Remote or Tiller action†	Remote or Tiller action†	Remote or Tiller action†
Alternator System	Belt-driven 60amp	Belt-driven 60amp	Belt-driven 60amp	Belt-driven 60amp	Belt-driven 60amp	Belt-driven 60amp	Belt-driven 60amp	Belt-driven 60amp	Belt-driven 60amp	Belt-driven 60amp
Trim Position	Power trim standard	Power trim standard	Power trim standard	Power trim standard	Power trim standard	Power trim standard	Power trim standard	Power trim standard	Power trim standard	Power trim standard
Weight*	228kg	225kg	225kg	195kg	195kg	195kg	170kg	170kg	170kg	170kg
Shaft Length	25" LU (C) 28" LU (C) 30" LU (C)	25" LU (C) 28" LU (C) 30" LU (C)	25" LU (C) 28" LU (C) 30" LU (C)	25" LU (C) 28" LU (C) 30" LU (C)	25" LU (C) 28" LU (C) 30" LU (C)	25" LU (C) 28" LU (C) 30" LU (C)	25" LU (C) 28" LU (C) 30" LU (C)	25" LU (C) 28" LU (C) 30" LU (C)	25" LU (C) 28" LU (C) 30" LU (C)	25" LU (C) 28" LU (C) 30" LU (C)
Propeller Drive	Fe-Two I	Fe-Two I	Fe-Two I	Fe-Two I	Fe-Two I	Fe-Two I	Fe-Two I	Fe-Two I	Fe-Two I	Fe-Two I
Prop Selection (Pitch)†	11-36	11-36	11-36	11-36	11-36	11-36	9-28	9-28	9-28	9-28
Induction System	2-Stage Direct fuel injection	2-Stage Direct fuel injection	2-Stage Direct fuel injection	2-Stage Direct fuel injection	2-Stage Direct fuel injection	2-Stage Direct fuel injection	2-Stage Direct fuel injection	2-Stage Direct fuel injection	2-Stage Direct fuel injection	2-Stage Direct fuel injection
Oil Injector	Electronic Multiport	Electronic Multiport	Electronic Multiport	Electronic Multiport	Electronic Multiport	Electronic Multiport	Electronic Multiport	Electronic Multiport	Electronic Multiport	Electronic Multiport





# Mariner FourStrokes

	115 EFI	90 EFI	75 EFI	60 EFI 60 EFI BigFoot	50 EFI 50 EFI BigFoot	40 EFI 40 BigFoot	40 EFI	40 CARR	30 EFI	25 EFI	20	15	9.9	8	6	5	4	3.5	2.5
Propeller Rated Horsepower	115hp (86kW)	93hp (67kW)	79hp (58kW)	60hp (44.7kW)	50hp (37.3kW)	40hp (29.8kW)	40hp (29.8kW)	40hp (29.8kW)	33hp (22.4kW)	25hp (18.6kW)	20hp (14.9kW)	15hp (11.1kW)	9.9hp (7.4kW)	8hp (5.9kW)	6hp (4.5kW)	5hp (3.7kW)	4hp (3kW)	3.5hp (2.6kW)	2.5hp (1.9kW)
Max. RPM at Full Throttle	5600-6400	5000-6000	5000-6000	5500-6300	5500-6000	5500-6000	5500-6000	5500-6000	5200-6200	5000-6000	5200-6200	5400-6100	5000-6000	5000-6000	5000-6000	4500-5500	4600-5500	5000-6000	4500-5500
Cylinders	4	4	4	4	4	4	3	3	3	3	2	2	2	2	1	1	1	1	1
Displacement	105.7 cu in (1732cc)	105.7 cu in (1732cc)	105.7 cu in (1732cc)	60.8 cu in (995cc)	50.8 cu in (835cc)	50.8 cu in (835cc)	46.6 cu in (747cc)	46.6 cu in (747cc)	32 cu in (525cc)	32 cu in (525cc)	21.4 cu in (351cc)	21.4 cu in (351cc)	12.75 cu in (209cc)	12.75 cu in (209cc)	7.5 cu in (123cc)	7.5 cu in (123cc)	7.5 cu in (123cc)	5.2 cu in (85cc)	5.2 cu in (85cc)
Bore/Stroke	82mm x 82mm	82mm x 82mm	82mm x 82mm	65mm x 75mm	65mm x 75mm	65mm x 75mm	65mm x 75mm	65mm x 75mm	81mm x 60mm	61mm x 60mm	61mm x 60mm	61mm x 60mm	55mm x 44mm	55mm x 44mm	50mm x 45mm	50mm x 45mm	50mm x 45mm	50mm x 45mm	50mm x 38mm
Cooling System	Water-cooled w/ thermostat	Water-cooled w/ thermostat	Water-cooled w/ thermostat	Water-cooled w/ thermostat	Water-cooled w/ thermostat	Water-cooled w/ thermostat	Water-cooled w/ thermostat	Water-cooled w/ thermostat	Water-cooled w/ thermostat	Water-cooled w/ thermostat	Water-cooled w/ thermostat	Water-cooled w/ thermostat	Water-cooled w/ thermostat	Water-cooled w/ thermostat	Water-cooled w/ thermostat	Water-cooled w/ thermostat	Water-cooled w/ thermostat	Water-cooled w/ thermostat	Water-cooled w/ thermostat
Ignition	EDM7 Digital Inductive	EDM7 Digital Inductive	EDM7 Digital Inductive	EDM7 Digital Inductive	EDM7 Digital Inductive	EDM7 Digital Inductive	EDM7 Digital Inductive	CD w/electric spark advance	CD w/electric spark advance	CD w/electric spark advance	CD w/electric spark advance	CD w/electric spark advance	CD w/electric spark advance	CD Electronic Advance	Capacitor discharge	Capacitor discharge	Capacitor discharge	CD w/electric spark advance	CD w/electric spark advance
Starting	Electric	Electric	Electric	Electric	Electric	Electric	Electric	Manual	Manual or electric	Manual or electric	Manual or electric	Manual or electric	Manual or electric	Manual	Manual	Manual	Manual	Manual	Manual
Gear Ratio	2.33:1	2.33:1	2.33:1	1.83:1 2.33:1 (BigFoot)	1.83:1 2.33:1 (BigFoot)	2.33:1	2.00:1	2.00:1	1.99:1	1.99:1	2.15:1	2.15:1	2.06:1	2.06:1	2.15:1	2.15:1	2.15:1	2.15:1	2.15:1
Gear Shift	F/R	F/R	F/R	F/R	F/R	F/R	F/R	F/R	F/R	F/R	F/R	F/R	F/R	F/R	F/R	F/R	F/R	F/R	F/R
Steering	Remote or Tiller option*	Remote or Tiller option*	Remote or Tiller option*	Remote or Tiller option*	Remote or Tiller option*	Remote or Tiller option*	Remote or Tiller option*	Tiller	Tiller or Remote	Tiller or Remote	Tiller or Remote	Remote or Tiller	Tiller or Remote	Tiller or Remote	Tiller	Tiller	Tiller	Tiller 360°	Tiller 360°
Axlewater System	50amp	50amp	50amp	10amp	15amp	18amp	18amp	5amp	15amp	15amp	11amp	11amp	8amp	8amp	Optional 4amp	Optional 4amp	Optional 4amp	N/A	N/A
Trim Positions	Power trim standard	Power trim standard	Power trim standard	Power trim & tilt	Power trim & tilt	Power trim & tilt	Gas assist or Power trim & tilt	Gas assist	Gas assist or Power trim & tilt	Power trim or manual (5 positions)	Power trim or manual	6 with auto notch	5 with auto notch	5 with auto notch	6	6	6	4	4
Fuel Tank	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Separate 25 liter	Separate 25 liter	Separate 25 liter	Separate 25 liter	12 liter	12 liter	12 liter	12 liter	12 liter	Integral Tank	Integral Tank
Weight*	181kg	181kg	181kg	112kg EFI 118kg BF	112kg EFI 118kg BF	118kg	96kg	96kg	79kg	71kg	52.9kg	50kg	38.1kg	36.1kg	25kg	25kg	25kg	19kg	19kg
Start Length	36" (L) 25" (M)	27" (L) 25" (M)	27" (L)	27" (L)	27" (L)	27" (L)	15" (M) 30" (L)	15" (M) 27" (L)	15" (M) 27" (L)	15" (M) 27" (L)	15" (M) 27" (L)	15" (M) 27" (L)	15" (M) 27" (L)	15" (M) 27" (L)	15" (M) 27" (L)	15" (M) 27" (L)	15" (M) 27" (L)	15" (M) 27" (L)	15" (M)
Propeller Drive	Fl-Torque II	Fl-Torque II	Fl-Torque II	Fl-Torque II	Fl-Torque II	Fl-Torque II	Spined rubber hub	Spined rubber hub	Spined rubber hub	Spined rubber hub	Spined rubber hub	Spined rubber hub	Spined rubber hub	Spined rubber hub	Spined rubber hub	Spined rubber hub	Spined rubber hub	Spined rubber hub	Composite
Prop Selection Pitch†	9-25"	9-25"	9-25"	9-19" 9-25" BF	9-19" 9-25" BF	9-19" 9-25" BF	9-19"	9-19"	9-12.5"	9-12.5"	9-11.5"	9-11.5"	6.5-9.5"	5.5-9.5"	6-9"	6-9"	6-9"	6-7"	6-7"
Induction System	16-valve double overhead cam design / EFI	16-valve double overhead cam design / EFI	16-valve double overhead cam design / EFI	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	2-valve single overhead cam design	2-valve single overhead cam design	2-valve single overhead cam design	Overhead 2-valve pushrod	Overhead 2-valve pushrod	Overhead 2-valve pushrod	Overhead 2-valve pushrod	Overhead 2-valve pushrod



\*Comparative weights refers to base engine without oil, propeller or integral steering cylinder.  
†Big Tiller option available

# Mariner TwoStroke

	200 EFI	150 EFI	90	75	60 60 BigFoot	60 MARATHON	50	40 (2-CYL)	40LW	30LW	25 MARATHON
Proposed Rated Horsepower	200hp (149kW)	150hp (112kW)	90hp (67kW)	75hp (56kW)	60hp (44.5kW)	60hp (44.5kW)	50hp (37.3kW)	40hp (29.8kW)	40hp (29.8kW)	30hp (22.5kW)	25hp (18.6kW)
Max. RPM at Full Throttle	5200-5600	5200-5600	5100-5500	4750-5250	5000-5900	5300-5600	5100-5300	4500-5000	4900-5000	4750-5500	4750-5500
Cylinders	1-6 (90° vee)	1-6 (90° vee)	3	3	3	3	3	2	3	2	2
Displacement	153 cu in (2507cc)	153 cu in (2507cc)	84.6 cu in (1386cc)	84.6 cu in (1386cc)	59 cu in (967cc)	59 cu in (967cc)	59 cu in (967cc)	39.3 cu in (6446cc)	42.5 cu in (697cc)	35.3 cu in (579cc)	35.3 cu in (579cc)
Bore/Stroke	63mm x 67mm	63mm x 67mm	65mm x 75mm	63mm x 75mm	76mm x 71mm	76mm x 71mm	76mm x 71mm	76mm x 71mm	68mm x 64mm	68mm x 63mm	68mm x 63mm
Cooling System	Water-cooled w/ thermostat & pressure controlled	Water-cooled w/ thermostat & pressure controlled	Water-cooled w/ thermostat & pressure controlled	Water-cooled w/ thermostat & pressure controlled	Water-cooled w/ thermostat & pressure controlled	Water-cooled w/ thermostat & pressure controlled	Water-cooled w/ thermostat & pressure controlled	Water-cooled w/ thermostat & pressure controlled	Water-cooled w/ thermostat & pressure controlled	Water-cooled w/ thermostat & pressure controlled	Water-cooled w/ thermostat & pressure controlled
Ignition	CDI w/ electronic control (ECM)	CDI w/ electronic control (ECM)	Modular CDI	Modular CDI	Modular CDI	Modular CDI	Modular CDI	Modular CDI	Modular CDI	Modular CDI	Capacitor discharge
Starting	Electric	Electric	Electric	Electric	Electric	Manual	Electric	Electric	Manual or electric	Manual or electric	Manual
Gear Ratio	1.67:1	1.67:1	2.30:1	2.30:1	1.64:1 2.35:1 (BigFoot)	2.30:1	1.63:1	2.00:1	2.00:1	1.62:1	1.62:1
Gear Shift	F/R	F/R	F/R	F/R	F/R	F/R	F/R	F/R	F/R	F/R	F/R
Shifting	Remote	Remote	Remote	Remote	Remote	Tiller	Tiller or Remote	Remote	Tiller or Remote	Tiller or Remote	Tiller
Alternator System	60amp w/ dual voltage regulator	60amp w/ dual voltage regulator	16amp w/ voltage regulator	16amp w/ voltage regulator	16amp voltage regulator elec. start, 10amp manual start	16amp	16amp voltage regulator elec. start, 10amp manual start	16amp	Standard electric Optional manual 16amp	Standard electric Optional manual 6amp	6amp
Trim Positions	Power trim standard	Power trim standard	Power trim standard	Power trim standard	Power trim standard	Gas assist	Power trim standard	Power trim standard	Power trim or manual tilt	5	5
Fuel Tank	N/A	N/A	Optional	Optional	Optional	Separate 25 liter	Optional	Optional	Separate 25 liter	Separate 25 liter	Separate 25 liter
Weight	216kg	169kg	137kg	137kg	88.5kg 109kg SF	108kg	83 kg	76kg	72kg	59kg	51kg
Shel. Length	29" (L) 25" (W) (DF)	29" (L) 25" (W) (DF)	29" (L) 25" (W)	29" (L) 25" (W)	29" (L) 22.5" (W) (wide)	29" (L) X-Long 29.5"	29" (L)	29" (L)	29" (L)	15.5" (L) 20" (L)	15" (L) 20" (L)
Propeller Drive	Fl-Torp II	Fl-Torp I	Fl-Torp I	Fl-Torp II	Spined rubber hub	Spined rubber hub	Spined rubber hub	Spined rubber hub	Spined rubber hub	Spined rubber hub	Spined rubber hub
Prop Selection (Pitch) †	11-25	11-25	9-26	9-26	9-19 9-22 SF	9-19	9-19	9-19	12-14	8-14	8-14
Injection System	Loop-charged (EFI) elec. fuel injection	Loop-charged (EFI) elec. fuel injection	Loop-charged (3 carb)	Loop-charged (3 carb)	Loop-charged (3 carb)	Loop-charged	Loop-charged (3 carb)	Loop-charged (1 carb)	Loop-charged (3 carb)	Loop-charged (1 carb)	Loop-charged (1 carb)
Oil Injection	Standard	Standard	Standard	Standard	Standard	Pre-mix	Standard	Standard	8cc or electric Pre-mix or manual	Pre-mix	Pre-mix



SmartCraft  
Cochran Inc.



SmartCraft  
Cochran Inc.

# Mariner TwoStroke

	<b>15 SUPER</b>	<b>15</b>	<b>8LW</b>	<b>6LW</b>	<b>5</b>	<b>4</b>	<b>3.3</b>
Prop shaft Rotational Horsepower	15hp (11.4kW)	15hp (11.2kW)	8hp (5kW)	6hp (4.5kW)	5hp (3.7kW)	4hp (3kW)	3.3hp (2.5kW)
Max. RPM at Full Throttle	4750-5500	5000-6000	4500-5500	4800-5500	4000-5000	4500-5500	4500-5500
Cylinders	2	2	2	2	1	1	1
Displacement	17.9 cu. in (294cc)	15 cu. in (250cc)	10.3 cu. in (169cc)	10.3 cu. in (169cc)	6.2 cu. in (102cc)	6.2 cu. in (102cc)	4.9 cu. in (79.6cc)
Bore/Stroke	50mm x 52mm	60mm x 49mm	50mm x 49mm	50mm x 49mm	55mm x 43mm	55mm x 43mm	47mm x 43mm
Cooling System	Water-cooled, w/ thermostat	Water-cooled, w/ thermostat	Water-cooled, w/ thermostat	Water-cooled, w/ thermostat	Water-cooled	Water-cooled	Water-cooled
Ignition	Capacitor discharge	Capacitor discharge	Capacitor discharge	Capacitor discharge	Capacitor discharge	Capacitor discharge	Capacitor discharge
Starting	Manual	Manual	Manual	Manual	Manual	Manual	Manual
Gear Ratio	1.94:1	2.00:1	2.08:1	2.08:1	2.15:1	2.15:1	2.15:1
Gear Shift	F/R/F	F/R/F	F/R/F	F/R/F	F/R/F	F/R/F	F/L
Steering	Tiller	Tiller	Tiller	Tiller	Tiller	Tiller	Tiller (300°)
Alternator System	Standard, electric Optional, manual 6amp	Standard, electric Optional, manual 6amp	Optional 6amp	Optional 4amp	Optional 4amp	Optional 4amp	N/A
Trim Positions	6	6	6	6	6	6	4
Fuel Tank	Separate 25 liter	Separate 25 liter	Separate 12 liter	Separate 12 liter	Integral 2.5 liter & remote 12 liter	Integral 2.5 liter (remote opt.)	Integral 1.4 liter
Weight <sup>1</sup>	42kg	35kg	25kg	25kg	20kg	20kg	13kg
Sheel Length	15" (M) 20" (L)	15" (M) 20" (L)	15" (M) 20" (L)	15" (M) 20" (L)	15" (M) 20" (L)	15" (M)	15" (M)
Propeller Drive	Spined rubber hub	Spined rubber hub	Spined rubber hub	Spined rubber hub	Spined rubber hub	Spined rubber hub	Shear pin
Prop. Selection (Pitch) <sup>2</sup>	7-9	6.5-10.5	6.5-8.5	6.5-8.5	6-8	6-8	5-7
Induction System	Loop-charge (1 carb)	Cross-flow (1 carb)	Loop-charge (1 carb)	Loop-charge (1 carb)	Loop-charge (1 carb)	Loop-charge (1 carb)	Loop-charge (1 carb)
Oil Injection	Pre-mix	Pre-mix	Pre-mix	Pre-mix	Pre-mix	Pre-mix	Pre-mix

### Specification Notes:

- Weight Specifications is based on the lightest version.
- Propeller choice will vary by boat size and application.



## KNOWLEDGE IS POWER

*Find engine specifications, boater testimonials and informative comparisons.*

*Look deeper at [www.marineroutboards.com.au](http://www.marineroutboards.com.au)*



© 2010 Mercury Marine. Mercury, Mariner Outboards, Verado, MerCruiser, Quicksilver and Sea Pro are registered trademarks with OptiMax, the Mercury Marine logo and '1 on the water' being trademarks of the Brunswick Corporation. Please note: Mercury Marine continuously explores means to improve the products it designs, manufactures and distributes. Changes to the specifications of its engines, boats and accessories are ongoing. Every effort is made to produce sales and service literature which is current. This brochure should not be regarded as a precise guide to the latest specifications. This brochure is also not an offer for sales of any particular engine, boat or accessories. Distributors and dealers are not agents of Mercury Marine and they have no authority to bind Mercury Marine by any express undertaking or representation, including but not limited to representations of a product sales, application or service nature.