Outboards 2008



FourStroke - Verado - OptiMax



Reliability needn't be dull







The Mariner® reputation is built on experience

For year after year, Mariner owners have revelled in the rewards of dependability derived from quality engineering.

Now, for 2008, Mariner add new sparkle with an extended range of quality outboards spanning 2.5 hp to 300 hp.

Most notable are the smooth and powerful Verado 200 and 300 hp together with the new 20 hp four-stroke.

OptiMax fans are catered for with a range of "next generation" outboards.

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Unsurpassed operating efficiency



-CYLINDER	2-CYLINDER	3-CYLINDER	4-CYLINDER
2.5 hp	8 hp	25 hp EFI	50 hp EFI
3.5 hp	9.9 hp	30 hp EFI	60 hp EFI
4 hp	15 hp	40 hp EFI	80 hp EFI
5 hp	NEW 20 hp		100 hp EFI
6 hp			115 hp EFI

Few would deny that power is an essential attribute in outboard engines, but it's how that power is produced that really counts.

Mariner's renowned four-strokes lead the pack by offering an unsurpassed level of smooth power, backed by quiet and smoke-free running and incredible resistance to corrosion.

Keen boaters will be pleased to know that for 2008, the Mariner four-stroke range has been strengthened by the newly developed 20 hp model.

Four Stroke



Little is not less





The most recent entries in the Mariner lightweight division are the 3.5 and 2.5 which carry on the tradition of offering big motor features with small motor economy.

Lightweight yet durable materials make these engines easier than ever to handle while water-cooling with thermostatic control provides for dependable, reliable operation.

Ease of use is ensured thanks to features such as a twist-grip throttle on the tiller and a manual choke which makes cold starting a breeze.

Add the largest displacement powerhead in the class and you've got the complete solution to reliable and dependable family boating.

RELIABILITY

- CDI Ignition offers maintenance-free dependability and easy starting.
- Superior corrosion protection provides longer life.

PERFORMANCE

- Large displacement engine provides excellent low to mid-range power.
- Quiet, smooth-running and smoke free operation.

RUNNING QUALITY

- Through prop exhaust buries the engine noise underwater (F4/F5/F6).
- 6 (F6-F4)/4 (F3.5-F2.5) trim positions plus shallow water drive allow easy access to remote areas.
- Vibration isolated twist grip throttle provides a smooth interaction with the engine.

TECHNOLOGY

- Visual low pressure warning system.
- Decompression system for quick, effortless one hand starting.

Reliability, wherever you go on water

Bigger isn't always better as inflatables, tenders and small boats prove with their easy mobility. So, wherever the mood takes you, there's a Mariner four-stroke to suit.

The 8, 9.9, 15 and 20 hp models are loaded with typical Mariner features, which translate into smooth, problem-free and economical operation, all with low emissions and terrific fuel efficiency.

Safety, dependability and ease of use as demonstrated by the multi-function tiller handle, are Mariner hallmarks.

RELIABILITY

- Enhanced fuel primer and manual choke deliver instant starts every time (F8/F9.9/F20).
- Visual low pressure warning system.

PERFORMANCE

- Clean and efficient, with plenty of torque to keep up the fun.
- Multi-function tiller handle controls shift, stop, throttle, throttle friction and steering for one hand operation (F8/F9.9/F20).
- Inherent four-stroke characteristics include quiet, smooth operation, and exceptional idling.

RUNNING QUALITY

- Overhead cam design for quiet and efficient operation.
- 5 trim positions plus shallow water drive allow easy access to remote areas and better control in shallow water.

TECHNOLOGY

- Manual start models feature a 6 amp/76 watt alternator to keep batteries properly charged.
- Manual recoil starter, even on electric start models.



8 9.9 15 20 FourStroke



Less weight equals more performance

No longer will boaters feel let down by a lack of features on smaller engines because these recently introduced Mariner four-strokes set new standards for the class.

Thanks to the application of new technology, the 30 and 25 EFI are considerably lighter than their predecessors, thereby providing better boat balance and improved handling.

With electronic fuel injection providing smoother, cleaner running, these pioneering new small engines also offer improved torque and outstanding fuel economy.

As you would expect of Mariner, the pioneering application of EFI in this class brings with it further improved reliability and reduced maintenance, both founded on testing of bigger models.

RELIABILITY

- A warning lamp with audio warns the operator of over-rev, low oil pressure or over heat.
- All electric start models feature a manual recoil starter for peace of mind and safety in the case of a drained battery.

PERFORMANCE

- Water cooled fuel cooler minimizes vapor lock and hot fuel issues.
- Multi-function tiller handle controls shift, stop, throttle, throttle friction and steering for one hand operation.
- Inherent four-stroke characteristics include quiet, smooth operation and exceptional idling.

RUNNING QUALITY

- Sequential EFI independently calibrates the exact amount of fuel needed by each cylinder, for unmatched smoothness, turn-key starting and instantaneous throttle response.
- All models come standard with a 15 amp/186 watt alternator.

TECHNOLOGY

- Mechanical, and power trim models available to suit your needs.
- Tuned air intake runners eliminate water intrusion and greatly reduce noise levels.
- Throttle Only feature delivers easy starting in the rare case that the engine floods.



25 EFI

30 EFI

Four Stroke



New levels of fuel efficiency and fun





Buying a mid-range Mariner four-stroke means you're buying more because our 60, 50 and 40 hp motors also feature proven electronic fuel injection which offers renowned fuel efficiency and smooth, quiet operation.

For added durability and push, BigFoot models feature a taller gearcase and 33% larger components. Just the job for bigger boats

Naturally, all these outboards are SmartCraft-ready and are equipped with turn-key starting for fast and reliable ignition. Never has Mariner dependability looked or sounded so good.

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.

More pure pleasure than ever

Mariner's 1.7L 80, 100 and 115hp mid-range Four-Strokes simply build on the awesome reputation of the previous 1.6L range.

All the established advantages of the fuel-efficient EFI system are retained, but now with even greater long-term reliability achieved by sharing engine architecture with the supercharged Verado outboards.

The effortless power supply is smoother and quieter than ever, thanks to the rigid engine and use of acoustic foam within the re-styled cowl.

It all adds up to even greater enjoyment on the water.

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.



80 EFI 100 EFI 115 EFI FOUR STROKE



Meeting the needs of Mariner owners



SmartCraft





Mariner owners have one thing in common and that's summed up in a word: confidence.

Mariner SmartCraft Integrated Marine Technology provides the assurance of complete control when it comes to maintenance.

This is provided through continuous real-time information updates on all operating conditions from GPS and fishfinder status to engine oil levels and potential problems, including notification of when servicing is due.

It all comes back to the word "confidence", which provides Mariner owners with peace of mind and absolute ownership satisfaction.

Digital Throttle & Shift (DTS)

The exclusive SmartCraft Digital Throttle & Shift (DTS) system brings digital precision to throttle and shift functions for incomparably smooth, precise shifts, immediate throttle response, and a level of reliability and durability that far surpasses conventional cable-driven systems. With over 50,000 hours of on-water testing, SmartCraft DTS is the most proven system of its kind.

Remote possibilities

Shadow Technology is the first and only system that allows you to add a second station on a triple-engine application.

SmartCraft instrumentation

By adding the specific gauges you rely on most, SmartCraft can be customized to suit your preferences and needs. From the most basic System Monitor version of SmartCraft to the advanced display monitors with multiple optional gauges, there's a SmartCraft system ideal for every boating application and budget.

The smoothest four-strokes









4-CYLINDER

135 hp 150 hp 175 hp **NEW** 200 hp



6-CYLINDER

250 hp **NEW** 300 hp

Highlighting Mariner dependability and power

The Mariner Verado range caters for everyone from power-seekers to cruisers with one important common factor: reliability.

Whether it is a smooth and silky six-cylinder or a brawny four, Mariner engineering assures you of dependability, smooth running characteristics and long-term ownership satisfaction.

The Verado badge proudly adorns all Mariner outboards with horsepower ratings from 135 to 300 hp with the four cylinder 200 new-for-2008. The good news is that you can enjoy all that power with absolute confidence.

Bringing new meaning to mid-range performance





Mid-range models do not equate to reduced satisfaction for Mariner owners, because the 135, 150, 175 and the new 200 hp Verado models also offer supercharged performance.

These four-cylinder outboards are endowed with all the sophistication of their bigger siblings: supercharged technology for rocket-fast hole shot, powerful punch and blazing top-end speed. Above all, these motors feature a level of dependability which reflects the intensive development and testing that is a hallmark of Mariner engineering.

Never has so much fun been offered with such assurance.

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

- The 1.7L 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

- Optional electro-hydraulic power steering kit makes steering effortless, fluid and seamless and eliminates undesirable torque while maintaining "feel".
- 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

- SmartCraft technology with the Engine Guardian System, monitors engine functions and alerts you to possible engine problems.
- Engine noise is reduced thanks to an insulated cowl system, patented induction muffling chambers and an idle relief silencer.

Providing power with absolute control

Achieving the highest standards is nothing new for Mariner, but even diehard boating fans were moved to acclaim the supercharged six-cylinder Verado models introduced in 2005.

Ever-recognising that power without purpose is an exercise in futility, Mariner endowed the high-tech Verado range with unheard of levels of durability combined with silent and clean running, and a level of sophistication which appeals to serious powerboat users, worldwide.

Ultimately, Verado is all about integrated propulsion, which blends power and responsiveness through SmartCraft Digital Throttle and Shift and provides smooth handling via Electro-Hydraulic Power Steering.

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

- The 2.6L 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".
- Engine noise is reduced thanks to an insulated cowl system, patented induction muffling chambers and an idle relief silencer.

TECHNOLOGY

 The Verado uses a 4 point progressive rate perimeter mount system that decreases vibration by 50%, improves stability and makes steering easier.





NEW





Trust in the best



Optil/lax







3-CYLINDER

75 hp 90 hp 115 hp

6-CYLINDER

135 hp 150 hp 200 hp 225 hp

There's one outboard that has owners coming back for more and it's called Mariner OptiMax.

It's also summed-up in the word trust, because that's exactly what Mariner's legendary but fuel-efficient OptiMax range has delivered.

Mariner engineers have focused heavily on durability, reliability, noise reduction and overall ease of operation to further refine the range of OptiMax outboards.

Optimum reliability, maximum durability

OptiMax can provide effective, economical and reliable power in the shape of the direct fuel injection 75, 90 and 115 hp motors.

Lightweight and a broad power band provide full enjoyment, which is backed up by economical, smooth, and extremely quiet operation.

Add unsurpassed reliability and you'll understand why OptiMax 1.5L models are the choice of boaters who demand absolute dependability and economy of operation.

RELIABILITY

- Rigorous testing results in an engine that will run at optimum efficiency and last for many years.
- Designed for durability, strength and corrosion resistance, the driveshaft, shiftshaft, propshaft, water pump housings, tilt tube and power head fasteners are stainless steel.

PERFORMANCE

- OptiMax offers unsurpassed hole shot and top end speed.
- Direct fuel injection assures the clean, quiet and fuel efficient qualities of a four-stroke engine.

RUNNING QUALITY

- An exclusively-designed Air-Bypass-Silencer means that this engine is virtually as quiet as a four-stroke at idle.
- OptiMax technology assures turn-key starting, and smoke free operation.
- The unique 4.7L integral oil reservoir is easy to fill and serves as the engine's sound attenuator for whisper-quiet operation.

TECHNOLOGY

 60 amp belt driven alternator assures charged batteries even while operating electronics at low RPMs.



75 90 115





The optimum in two-stroke DFI technology





If you've switched on to the concept of power and efficiency, it's time to switch on to Mariner OptiMax.

Years of experience have been channelled into designing a two-stroke DFI which allows you to spend all day on the water with your family without having to worry about fuel consumption or reliability issues. Now with the addition of SmartCraft technology, further fuel savings can be effected by operating the motor in its optimum spot.

Thanks to their light weight, the 3.0L and 2.5L OptiMax motors provide excellent power and manoeuvrability, not to mention an ideal powerband for pulling tube riders or skiers. Low trolling speeds prove the versatility of the OptiMax design.

RELIABILITY

- Exclusive use of XK-360 low-copper aluminum alloy, stainless steel and multi-step painting process provide unparalleled corrosion resistance.
- Rigorous testing on all components ensures long life.

PERFORMANCE

- OptiMax offers unsurpassed hole shot and top end speed.
- OptiMax direct fuel injection assures the clean, quiet and fuel efficient qualities of a four-stroke engine.

RUNNING QUALITY

- OptiMax technology assures turn-key starting, and smoke free operation.
- Only OptiMax uses a 2 stage injection process to produce enhanced fuel atomisation for better fuel economy, smooth running, and reliability.

TECHNOLOGY

 Exclusive Engine Guardian System constantly monitors over 40 sensors to give advance warning of possible problems and takes action to minimize their potential impact.

SPECIFICATIONS

	Models ⁽¹⁾	Kilowatts ⁽²⁾	Max. RPM at Full Throttle	Cylinders	Displacement	Starting	Gear Ratio
MARINER FOURSTROKE							
80-115	115 EFI • 100 EFI • 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
40-60	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
25-30	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
20	NEW 20	14.7 kW	5000-6000	2 (in-line)	351 cc	Manual or Electric	2.15:1
8-15	15	11 kW	4500-5500	2 (in-line)	323 cc	Manual or Electric	2.00:1
8	9.9 • 8	7.3 • 5.9 kW	5000-6000	2 (in-line)	209 cc	Manual or Electric	2.08:1
2.5-6	6 • 5 • 4 ⁽⁵⁾ + SAILMATE ⁽⁵⁾	4.4 • 3.68 • 2.9 kW	6: 5000-6000 5 • 4: 4500-5500	1	123 cc	Manual	2.15:1
	3.5 ⁽⁶⁾ • 2.5 ⁽⁶⁾	2.6 • 1.8 kW	5000-6000	1	85 cc	Manual	2.15:1
M	ARINER VERADO						
250-300	NEW Verado 300 • Verado 250	221 • 183 kW	5800-6400	6 (in-line)	2598 cc	Electric (turn-key)	300: 1.75:1 250: 1.85:1
135-200	NEW Verado 200 Verado 175 • Verado 150 • Verado 135	147 • 129 • 110 • 99.2 kW	200 • 175 • 150: 5800-6400 135: 5200-6400	4 (in-line)	1732 cc	Electric (turn-key)	2.08:1
M	ARINER OPTIMAX						
125	225 • 200 OptiMax	165 • 147 kW	5000-5750	V-6 (60° Vee)	3032 cc	Electric (turn-key)	1.75:1
135-225	150 • 135 OptiMax	110 • 99.2 kW	150: 5250-5750 135: 5000-5600	V-6 (60° Vee)	2507 cc	Electric (turn-key)	150: 1.87:1 135: 2.00:1
75-115	115 • 90 • 75 OptiMax	84.5 • 66.2 • 55.1 kW	5000-5750	3 (in-line)	1526 cc	Electric (turn-key)	115: 2.07:1 90 • 75: 2.33:1

For more information on the propeller that is right for you, please see your dealer.
Fuel requirements: FourStroke, Verado and OptiMax: Unleaded 90 RON min. 300 Verado: Unleaded 98 RON recommended for maximum performance.
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	
Remote	Fully regulated Belt-Driven 50 amp (630 watt)	Power trim standard	181 kg	115: 508 mm (L) - 635 mm (XL) 100 • 80: 508 mm (L)	4-valve dual overhead cam design	
Remote	18 amp (223 watt)	Power trim standard	112 kg BIGFOOT: 120 kg	508 mm (L)	2-valve single overhead cam design	
Remote	18 amp (223 watt)	Power trim standard	100 kg	508 mm (L)	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	381 mm (S) 508 mm (L)	2-valve single overhead cam design	
Tiller or Remote	11 amp (139 watt)	5 & shallow water drive	51.6 kg	381 mm (S) 508 mm (L)	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	381 mm (S) 508 mm (L)	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	381 mm (S) 508 mm (L)	2-valve single overhead cam design	
Tiller	Optional 4 amp (50 watt) lighting, 2 amp (25 watt) charging 4 SAILMATE: Standard with rectifier	6 & shallow water drive	25 kg	381 mm (5) - 508 mm (L) 4 SAILMATE: 508 mm (L)	2-valve pushrod	
Tiller	N/A	4	17 kg	3.5: 381 mm (S) - 508 mm (L) 2.5: 381 mm (S)	2-valve pushrod	
Electro-hydraulic Power steering with integral hydraulic cylinder	Fully regulated Belt-Driven 70 amp (882 watt)	SmartCraft-programmable Power trim and tilt	288 kg	508 mm (L) - 635 mm (XL) ⁽⁷⁾	SmartCraft DTS (Digital Throttle & Shift), supercharged with charge air cooling and electronic boost pressure control	
Remote	Fully regulated Belt-Driven 70 amp (882 watt)	Power trim and tilt with SmartCraft-programmable tilt	231 kg	508 mm (L) 635 mm (XL) ⁽⁷⁾	SmartCraft DTS (Digital Throttle & Shift), supercharged with charge air cooling and electronic boost pressure control	
Remote	Belt-Driven 60 amp (756 watt)	Power trim standard	225 kg	508 mm (L) - 635 mm (XL) ⁽⁷⁾	2-stage direct fuel injection	
Remote	Belt-Driven 60 amp (756 watt)	Power trim standard	195 kg	508 mm (L) - 635 mm (XL) ⁽⁷⁾	2-stage direct fuel injection	
Remote	Belt-Driven 60 amp (756 watt)	Power trim standard	170 kg	115: 508 mm (L) - 635 mm (XL) 90 • 75: 508 mm (L)	2-stage direct fuel injection	

(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 SailMate 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 on XL models. Not available on Verado 135XL.

SmartCraft Integrated Marine technology standard.



5 MARINER



HOW TO MAXIMIZE MARINER RELIABILITY

Avoid pirate parts

When you've made an investment in a beautifully engineered Mariner 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 Mariner 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 Mariner outboard.



Propel it Properly

Quicksilver is the world's largest manufacturer of propellers, which tells you that this division of Mariner 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 is ISO 9001:2000 certified

