

 **MARINER**



2001



# The Fun Starts With Mariner

Mariner's unmatched reputation for durability and reliability has been built on the experiences of thousands of Mariner owners. They know they can depend on Mariner for their boating fun.

Leadership at Mariner not only concerns quality. It is also about choice. You are invited to choose from the best outboards around. And choose from three technologies, each with different benefits, all of them Mariner.

The whispering Mariner four-strokes include engines from 4HP to 115HP. This is clean, quiet, smoke-free boating with outstanding fuel efficiency. Alternatively, experience the breathtaking acceleration and superior top speed of direct injection Mariner OptiMax V6s. And remember that Mariner two-strokes, electronic fuel injected and carbureted models, are still the most sophisticated in their class.

Mariner gives you so much more for your money, so many ways to have boating fun.

## Boating Benefits To Suit You









# The Four-Stroke Difference

## From The Name You Can Trust

Mariner's quiet revolution, the whispering four-strokes, keeps on growing. There's the big power of the new electronically fuel injected 115HP. All-new 50HP and 60HP four-strokes. And the choice stretches down to the sprightly single-cylinder 4HP model. As durable as ever. As reliable as ever, because they're from Mariner – and as thousands of Mariner owners can testify, it's the name you can trust.



Outstanding fuel economy means lower operating costs. This is clean, quiet, smoke-free boating with exceptional trolling capability.



You have the convenience of not needing to mix oil with the petrol. There are Mariner Bigfoot four-strokes, too, with high thrust advantages for pushing non-planing boats, those with less-efficient hull designs and boats carrying heavier loads.



A Mariner four-stroke will provide you with all of the smooth, economical power you want for real fun on the water, day in and day out.









## Fuel Economy & More

Mariner four-strokes consistently out-perform in fuel economy, torque and static thrust. Fuel savings are up to 30% on average.



## Cleaner

There's clean, smoke-free operation at all engine speeds, from trolling through to wide-open throttle. Mariner four-strokes already surpass the EPA 2006 emission standards (EPA stands for Environment Protection Agency).



## Quieter

Mariner four-stroke technology inherently provides whisper-quiet performance. Full cowls, an air intake silencer and through-prop exhaust are further low-noise features.



## Trolling

Mariner's overhead cam design allows for idling speeds as low as 750 rpm, making these four-strokes ideal for fishing boat applications.



## Bigfoot Benefits

Heavy-duty oversized gearcases, greater gear reduction and larger propellers allow for more thrust and manoeuvrability, better holding and improved stopping power.



## Experience

Mariner owners are supported by the experience and skills of an international service network.



## Basic Differences

Two-stroke and four-stroke outboards go through the same four operations: intake, compression, ignition and exhaust. The basic difference is in the number of piston strokes and crankshaft revolutions required.

A Mariner four-stroke completes the four operations with four piston strokes and two crankshaft revolutions, twice as many as a two-stroke. It does this through intake and exhaust valves at the top of each cylinder, opening and closing independently. Four-strokes do not require a mixture of petrol and oil, as two separate systems are in place to deliver fuel/air to the cylinders and oil to all necessary lubrication points.

Mariner four-strokes benefit from the quieter and smoother running, the cleanliness and the fuel efficiency inherent in four-stroke technology.



115



## Most Reliable Power On Water



Mariner's new 115HP four-stroke is electronically fuel-injected for maximum efficiency and has been researched, developed, tested and proven for its reliability and durability. That's what you've come to expect from Mariner, the most reliable outboard power on the water.

The four-cylinder 115HP displaces a big 1,741cc. There are all the clean, quiet, economical advantages of Mariner four-stroke technology, with outstanding power-to-weight benefits as well.

Then, there are the technical advantages of dual overhead cam design. Plus new-design crankshaft, connecting rod and pistons. It is equipped with four independent throttle bodies, an idle-speed controller and a petrol cooler to improve fuel-filling efficiency. You have a choice of long and extra-long shaft lengths.

This is big power without compromise. The power to let you do everything well whenever you seek boating enjoyment.







90  
75



## Performing **Better** Lasting Longer



Mariner 75HP and 90HP four-strokes give you the reliable power you need with all the clean, smooth, quiet features to make boating your first choice for fun and relaxation.

With outstanding power-to-weight benefits, these two Mariner four-strokes, with fuel-efficient and virtually smoke-free operation, are engines you can take anywhere.

There's turnkey starting and comprehensive engine management from the computerised ignition and digital electronic control module.

The overhead cam design allows for trolling speeds as low as 775 rpm, +/- 25 rpm, in gear. And the four-cylinder, 16-valve, big displacement powerhead gives high-output power you can count on.

Use of exclusive XK-360 aluminium alloy combats corrosion and allows Mariner to give you a full three-year corrosion protection warranty.

These are engines designed for the water, to perform better and last longer.









60  
60  
Bigfoot

50  
50  
Bigfoot

40  
40  
Bigfoot

30  
25



## Less Fuel Extra **Reliability**



Mariner durability, reliability and all-around performance are combined with extra smoothness, additional fuel economy and unheard-of quietness in the year 2001 mid-power range of Mariner four-strokes.

A really comfortable ride, yes. Big savings in fuel, yes. Amazingly quiet, yes. Features that add up to boating at its best: hour after

hour of superb trolling for the fisherman and relaxed cruising for the whole family.

The Mariner 60HP and 50HP four-strokes are all-new engines. The smooth 60HP weighs 35% less than the nearest competitor in its class. The 50HP has the highest displacement in its class. Both are available in heavy-duty Bigfoot versions.

Choose from three-cylinder models, at 40HP and 30HP, or a tough 40HP four-cylinder Bigfoot with the same gearcase as an outboard of more than twice its power. There's a big-performing 25HP, another Mariner four-stroke with economy and ecological benefits.

You know you can depend on Mariner.









15

15

Bigfoot

9.9

9.9

Bigfoot

6

5

4

4

SailMate



## Built-in Four-Stroke Advantages



Mariner lightweights have heavyweight reliability built in. They're as durable as ever, as reliable as ever and more economical than ever before.

You'll be impressed by the throttle response and the liveliness. The ride is smooth and vibration-free. Mariner four-strokes are built to run cleanly and without smoke.

It's trouble-free power for your boating pleasure.

There's a sprightly 15HP, also available as a Bigfoot. The 9.9HP has almost 40% more torque than its predecessor and comes in standard and Bigfoot versions.

Single-cylinder Mariner 4HP, 5HP and 6HP four-strokes have been built to go on performing and make your time on the water sheer pleasure. There's a new Mariner 4HP Sailmate yacht auxiliary, too.

They may be small but they'll give you really big power for their size. It's power with economy. Power that's whisper quiet and exceptionally smooth. Power that's clean and smoke-free. Mariner power to rely on, day after day.









## Whole New Way of Thinking

If you're thinking big power, thinking big economy, thinking environmental friendliness, you just have to be thinking Mariner OptiMax. Mariner OptiMax V6 outboards are changing all the rules. They're proving to be the most reliable, efficient and thoroughly-engineered marine engines of all time.

The boating world is marvelling at the smoke-free and ultra-quiet characteristics of the incredibly smooth OptiMax. Marvelling still further at the acceleration and top-end performance. Plus the massive savings in fuel, an average 45%.

A new-technology direct injection fuel system has provided a way to burn the petrol more completely than ever before, resulting in these outstanding economies and emissions reductions.

An electronic brain constantly adjusts the engine to meet changing conditions and maintain peak performance at all times. A data link between the engine and SmartCraft™ boat control and instrumentation system gives you a wealth of information and help, for added peace of mind.

You can go further, get there faster and stay out longer. You're invited to join in the OptiMax revolution. It's a whole new way of thinking.

## Mariner's Superior Protection

Superior corrosion protection is provided by XK-360 low-copper aluminium alloy, used for components such as the powerhead, driveshaft housing and gearcase; extensive use of stainless steel; rigorous coating of internal water passages; a multi-step painting and priming process; plus the affixing of sacrificial anodes. There's an industry exclusive three-year corrosion protection warranty.









## SmartCraft™

Engine, boat and environmental information is provided by SmartCraft, Mariner's new boat control and instrumentation system, which reads the wealth of data provided by the electronic control module (ECM). The data link between the engine and gauges automatically allows for performance and condition readouts, gives audible warnings and makes engine adjustments if necessary.



## Cruising Range

With an average 45% better fuel economy than traditional outboards, OptiMax takes you further on every tank of petrol.



## Throttle Response

Through superior engine speed control, Mariner OptiMax provides ultra-smooth, fast and precise throttle control.



## Smoke-Free & Quiet

The patented two-stage direct fuel injection process burns cleaner and more consistently, virtually eliminating smoke. Also contributing to quietness is Mariner's advanced one-piece cowl design.



## Low-Speed Manoeuvrability

OptiMax provides smooth idling power right down to 550 rpm, facilitating easier docking and trolling.



## Corrosion Resistance

Exclusive XK-360 low-copper alloy, combined with Mariner's multi-step painting and priming process, provide strength, durability and resistance to corrosion.



## Lifting The Lid

Mariner OptiMax is a complete system. It's the most advanced marine propulsion system in the world, the ultimate in technology for 21st century boating.

The OptiMax is new, but it is built around thoroughly-proven Mariner V6 technology. The major difference is two-stage direct fuel injection. A high pressure fuel-air mixture is injected directly into each cylinder and burned up after the exhaust ports have closed. The OptiMax technology eliminates escapes of unburned mixture. Added to that is an electronic, multipoint lubrication system that delivers a precise amount of oil, exactly where and when needed.

The results for boating are enormous economies, smoother running qualities, a far longer cruising range and significantly reduced emissions – to levels already below those required by the rigorous EPA year 2006 standards.

It's peak efficiency at all times.





225  
200



## Peak Efficiency At All Times



OptiMax technology starts with the acceleration, top speed, durability and dependability you've come to expect from Mariner.

At the top of the power range are the 3-litre 200HP and 225HP power packages, combining outstanding performance with best-yet running qualities.

Slim, 60° angle V6 powerheads with large displacement provide the power and performance. The sophisticated engine management system compensates automatically for the slightest change in load, wave action or weather conditions.

Then there's the OptiMax direct injection fuel system, providing the means to burn off the fuel more completely than ever before, resulting in huge economies and clean, smokeless operation that's misfire-free.

Mariner OptiMax. Designed for peak efficiency at all times.







150  
135



## Let The Performance Begin



Mariner OptiMax is the benchmark for new-technology, low emissions outboards.

You can look forward to peak efficiency at all times, translated into an average 45% saving in petrol, smooth and virtually smoke-free operation, plus dramatic reductions in emissions.

The major difference is the fuel system. A high pressure fuel-air mixture is injected directly into each cylinder and burned up after the exhaust ports have closed. The OptiMax technology eliminates the escape of unburned fuel.

The range is completed by 2.5-litre models rated at 150HP and 135HP. Fuel-efficient power sources to give you a whole new sensation on the water.











## Added Performance Benefits

Electronic fuel injection and carbureted Mariner two-strokes have built-in reliability and outstanding performance, all the way from 2.5HP to 250HP.

You can save on the initial purchase price. Then, excellent power-to-weight ratios throughout the range give added performance benefits. Lighter weight also allows for easier portability.

Mariner EFIs are almost maintenance free and the carburetor models are the most sophisticated in their class, so there are on-going savings to be made.

Mariner gives you so much more for your money. Gives you so many ways to have boating fun. Welcome to the powerful world of Mariner two-stroke outboards.

## The EFI Factor

Electronic fuel injection means smooth, consistent operation under all weather conditions and altitudes. You'll enjoy sure-fire turnkey starting. Impressive throttle response every time. There are full onboard computer diagnostics. Add in loop-charged induction, gear-driven oil injection, plus a high-power alternator and battery charging system.

## Carburetor Consistency

The naturally aspirated, carburetor-based fuel system adds up to smooth, consistent operation. This is thoroughly-proven technology. As with the EFIs, there's loop-charged induction for improved fuel economy, reliable gear-driven oil injection and a really powerful alternator.

## Big In The Midrange

There's a large, regulated alternator to keep batteries charged for quick starts and smooth operation. The advanced carburetor design gives improved fuel economy. A high-capacity water pump and freshwater flush system minimise salt and deposits in the cooling system. And there's a water-separating fuel filter to keep debris and water away from your engine.

## Portable Practicality

Mariner portables have easy one-handed operation. A multi-step painting process contributes to the best corrosion protection on the water. The one-piece cowl with inner liner protects the engine and adds to quietness of operation. Your Mariner portable is watercooled for durability and further quietness.



## Proving Their Worth **Every Time**

Mariner's highly popular EFI and naturally aspirated two-strokes, from single-cylinder portables to the big-capacity, high performing V6s, are ideal power companions at work and at play on the water.

Whether your boating pleasure comes from a relaxing day's fishing, cruising around the bay, shooting out on offshore expeditions or enjoying your favourite watersports, these versatile Mariners will prove their worth to you every time.

And if boating means working as far as you are concerned, your Mariner outboard will be an invaluable aide.

Mariners are tough, dependable and built to last. Everything you look for in a best friend on the water.





**250**  
**225**  
**200**  
**175**  
**150**



## Designed To Thrive



It's the widest selection of tough, dependable, high-technology V6 outboards in the business. Mariners are designed to thrive, no matter what the conditions. They are tested against the elements, tested against the competition: and the contest is no contest.

Enjoy the EFI bonus of first time, every time starting in all weathers. Precisely metered fuel for maximum efficiency. Plus an electronic control module (ECM) to make sure that your Mariner runs perfectly.

Or go for one of the splendid naturally-aspirated Mariner V6 outboards. Their carburation has been devised for the smoothest possible idle and off-idle running. Most have a special sound attenuator to help the carb breathe easily and quietly.

This is big Mariner power for serious boating.







125  
115  
90  
75



## Lots More **Engine**



Mariner gives you so much more for your money, so many ways to have fun boating, such a lot for the family to enjoy.

The Mariner 75HP through 125HP have the largest displacement in their two-stroke horsepower classifications. That means more power, more flexibility.

Each of these Mariners has a large, regulated alternator to run a host of accessories, the fuel economy advantage of loop charged induction, self-contained integral power trim for extra convenience, optimised high-capacity water pump and advanced cooling system for all-conditions consistency, plus CDM ignition with separate coils for each plug, maximising reliability.

They're built from Mariner's XK-360 low-copper aluminium alloy and premium grade stainless steel, fighting off corrosion.

These versatile Mariners will prove their worth to you every time.









**60**  
**Bigfoot**

**60**

**50**

**40**

**30**

**25**

**20**



## For The Whole **Family**



Three-cylinder and two-cylinder Mariners are big displacement engines designed to work as hard as you want and let you include the whole family in your fun on the water.

The extra-capacity 967cc powerheads on the three-cylinder 40HP, 50HP, 60HP and 60HP Bigfoot provide all the acceleration

and top speed to take you wherever you want to go. The powerheads are lost-foam cast, a process which eliminates the need for many gaskets and bolts, adding strength to the Mariner engine.

Mariner's two-cylinder workhorses at 20HP, 25HP, 30HP and 40HP are built for durability and reliability, with a host of plus-features to give your boating that performance edge.

There's a special Mariner 30 with a 429cc powerhead, ideal for lightweight boats. This engine weighs a mere 51kg.

These Mariners are rugged power companions, at work or at play.









15

10

8

8

SailMate

6

5

4

4

SailMate

3.3

2.5



## Maximum Fun Minimum Fuss



Lightweight Mariners may be smaller in horsepower but they stay really big on boating benefits. They're designed to bring you maximum fun with a minimum of fuss.

Innovations include one-handed tiller operation, exclusive fingertip control co-pilot for adjusting steering resistance as you go, plus shallow water drive to let you run trimmed-out in low water.

Mariner's red stator ignition system, automatic decompression ports, large flywheel and state-of-the-art priming make starting really easy. There's extra quietness from an insulated one-piece cowl and anti-drag through-prop exhaust for improved fuel economy. Use of low-copper aluminium alloy and top grade stainless steel combat saltwater corrosion.

Mariner Sailmate yacht auxiliaries feature dual-thrust propellers to give your boat turning power in forward or reverse and automatic exhaust relief ports which allow full reverse power to stop quickly.

All of these Mariner portables are built to provide you with years of trouble-free performance.







# MARINER 4-STROKES

	115	90-75		60-25							
Model <sup>(1)</sup>	NEW 115 EFI	90	75	NEW 60 + BIGFOOT	NEW 50 + BIGFOOT	NEW 40 4 CYL. BIGFOOT	40 3 CYL.	30	25	15 + BIGFOOT	9.9 + BIGFOOT
Kilowatts <sup>(2)</sup>	86 kW	67 kW	56 kW	44.7 kW	37.3 kW	29.9 kW	29.9 kW	22.4 kW	18.7 kW	11.2 kW	7.4 kW
Max. RPM at Full Throttle	5000-6000	5000-6000	4500-5500	5500-6000	5500-6000	5500-6000	5500-6000	5500-6000	5500-6000	4500-5500	4500-5500
Cylinders	4 (in-line)	4 (in-line)	4 (in-line)	4 (in-line)	4 (in-line)	4 (in-line)	3	3	2	2	2
Displacement	1741 cc	1596 cc	1596 cc	995 cc	995 cc	995 cc	747 cc	747 cc	498 cc	323 cc	323 cc
Bore / Stroke	79 mm × 89 mm	79 mm × 81 mm	79 mm × 81 mm	65 mm × 75 mm	65 mm × 75 mm	65 mm × 75 mm	65 mm × 75 mm	65 mm × 75 mm	65 mm × 75 mm	59 mm × 59 mm	59 mm × 59 mm
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
Ignition	Capacitor discharge	Capacitor discharge	Capacitor discharge	CDI w/ electric spark advance	CDI w/ electric spark advance	CDI w/ electric spark advance	CDI w/ electric spark advance	CDI w/ electric spark advance	Capacitor discharge	CDI w/ electric spark advance	CDI w/ electric spark advance
Starting	Electric	Electric	Electric	Electric	Electric	Electric	Manual or Electric	Manual or Electric	Manual or Electric	Manual or Electric	Manual or Electric
Gear Ratio	2.07:1	2.07:1	2.07:1	1.83:1 BIGFOOT: 2.30:1	1.83:1 BIGFOOT: 2.30:1	2.30:1	2.00:1	2.00:1	2.40:1	2.01:1 BIGFOOT: 2.42:1	2.01:1 BIGFOOT: 2.42:1
Gear Shift	F-N-R	F-N-R	F-N-R	F-N-R	F-N-R	F-N-R	F-N-R	F-N-R	F-N-R	F-N-R	F-N-R
Steering	Remote	Remote	Remote	Remote	Remote	Remote	Tiller or Remote	Tiller or Remote	Tiller or Remote	Tiller or Remote	Tiller or Remote
Alternator System <sup>(3)</sup>	25 amp (315 watt) w/ voltage regulator	20 amp (252 watt) w/ voltage regulator	20 amp (252 watt) w/ voltage regulator	15 amp (189 watt) w/ voltage regulator	15 amp (189 watt) w/ voltage regulator	15 amp (189 watt) w/ voltage regulator	Manual 6 amp (76 watt) Electric 15 amp (189 watt) w/ voltage regulator	Manual 6 amp (76 watt) Electric 15 amp (189 watt) w/ voltage regulator	Manual 6 amp (76 watt) Electric 15 amp (189 watt) w/ voltage regulator	Manual 6 amp (76 watt) Electric 10 amp (126 watt) w/ voltage regulator	Manual 6 amp (76 watt) Electric 10 amp (126 watt) w/ voltage regulator
Trim Positions	Power trim standard	Power trim standard	Power trim standard	Power trim standard	Power trim standard	Power trim standard	Gas assist (Power trim optional)	Gas assist (Power trim optional)	Manual: gas assist Electric: 5 + shallow water (Power trim optional)	5 + shallow water drive Standard: M, ML, EH, ELH (Optional: E, EL)	5 + shallow water drive Standard: M, ML, ELH (Optional: EL)
Fuel Tank	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard
Fuel Requirements	Unleaded 90 RON min.	Unleaded 90 RON min.	Unleaded 90 RON min.	Unleaded 90 RON min.	Unleaded 90 RON min.	Unleaded 90 RON min.	Unleaded 90 RON min.	Unleaded 90 RON min.	Unleaded 90 RON min.	Unleaded 90 RON min.	Unleaded 90 RON min.
Weight <sup>(4)</sup>	175 kg	175 kg	175 kg	107 kg BIGFOOT: 114 kg	107 kg BIGFOOT: 114 kg	114 kg	93 kg	93 kg	80 kg	50 kg BIGFOOT: 58 kg	50 kg BIGFOOT: 58 kg
Propeller Drive	Flo-Torq II	Flo-Torq II	Flo-Torq II	Splined rubber hub	Splined rubber hub	Splined rubber hub	Splined rubber hub	Splined rubber hub	Splined rubber hub	Splined rubber hub	Splined rubber hub
Recommended Boat Transom Height	Long 508 mm XL 635 mm	Long 508 mm XL 635 mm	Long 508 mm	Long 508 mm	Long 508 mm	Long 508 mm	Short 381 mm Long 508 mm	Short 381 mm Long 508 mm	Short 381 mm Long 508 mm	Short 381 mm Long 508 mm	Short 381 mm Long 508 mm
Standard Propeller <sup>(5)</sup>	See dealer	See dealer	See dealer	See dealer	See dealer	See dealer	See dealer	See dealer	See dealer	See dealer	See dealer
Prop Selection (pitch)	9"-26" XL: 10"-23"	9"-26" XL: 10"-23"	9"-26"	8"-19" BIGFOOT: 9"-15"	8"-19" BIGFOOT: 9"-15"	9"-15"	8"-19"	8"-19"	8"-19"	5 1/2"-10 1/2" BIGFOOT: 9 1/2"-14 1/2"	5 1/2"-10 1/2" BIGFOOT: 9 1/2"-14 1/2"
Induction System	4-valve dual overhead cam design	4-valve dual overhead cam design	4-valve dual 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
Exhaust	Through prop	Through prop	Through prop	Through prop	Through prop	Through prop	Through prop	Through prop	Through prop	Through prop	Through prop
Oil Injection	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Counter Rotation	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

4, 5, 6, 15, 25, 40 and 75 4-stroke models might be available as Bodensee stage 1/SAV1 certified.  
Please check availability with your dealer.

(1) Model offering may vary from one country to another. Please see your local dealer for specific information.



# MARINER OPTIMAX

15-4			225-200		150-135		250-150				
6	5	NEW 4 + SAILMATE	225 OPTIMAX	200 OPTIMAX	150 OPTIMAX	135 OPTIMAX	250 EFI	225 MAG EFI/ EFI	200 MAG EFI/ EFI	200	175 MAG EFI
4.5 kW	3.7 kW	3 kW	168 kW	149 kW	112 kW	101 kW	186 kW	168 kW	149 kW	149 kW	131 kW
5000-6000	4500-5500	4500-5500	5000-5750	5000-5750	5000-5600	5000-5600	5000-5800	5000-5800	5000-5800	5000-5600	5000-5600
1	1	1	V-6 (60° vee)	V-6 (60° vee)	V-6 (60° vee)	V-6 (60° vee)	V-6 (60° vee)	V-6 (60° vee)	V-6 (60° vee)	V-6 (60° vee)	V-6 (60° vee)
123 cc	123 cc	123 cc	3032 cc	3032 cc	2507 cc	2507 cc	3032 cc	3032 cc	2507 cc	2507 cc	2507 cc
59 mm × 45 mm	59 mm × 45 mm	59 mm × 45 mm	92 mm × 76 mm	92 mm × 76 mm	89 mm × 67 mm	89 mm × 67 mm	92 mm × 76 mm	92 mm × 76 mm	89 mm × 67 mm	89 mm × 67 mm	89 mm × 67 mm
Water cooled w/ thermostat	Water cooled w/ thermostat	Water cooled w/ thermostat	Water cooled w/ thermostat and pressure controlled	Water cooled w/ thermostat and pressure controlled	Water cooled w/ thermostat and pressure controlled	Water cooled w/ thermostat and pressure controlled	Water cooled w/ thermostat and pressure controlled	Water cooled w/ thermostat and pressure controlled	Water cooled w/ thermostat and pressure controlled	Water cooled w/ thermostat and pressure controlled	Water cooled w/ thermostat and pressure controlled
Capacitor discharge	Capacitor discharge	Capacitor discharge	PCM 555 Digital Inductive	PCM 555 Digital Inductive	PCM 555 Digital Inductive	PCM 555 Digital Inductive	Modular CDI w/ computer control	Modular CDI w/ computer control	Modular CDI w/ computer control	Modular CDI	Modular CDI w/ computer control
Manual	Manual	Manual	Electric (turnkey)	Electric (turnkey)	Electric (turnkey)	Electric (turnkey)	Electric (turnkey)	Electric (turnkey)	Electric (turnkey)	Electric	Electric (turnkey)
2.15:1	2.15:1	2.15:1	1.75:1	1.75:1	1.87:1	2.00:1	1.75:1	1.75:1	1.87:1	1.87:1	1.87:1
F-N-R	F-N-R	F-N-R	F-N-R	F-N-R	F-N-R	F-N-R	F-N-R	F-N-R	F-N-R	F-N-R	F-N-R
Tiller	Tiller	Tiller	Remote	Remote	Remote	Remote	Remote	Remote	Remote	Remote	Remote
Optional 5 amp (63 watt)	Optional 5 amp (63 watt)	Optional 5 amp (63 watt) SAILMATE : Standard with rectifier	Belt Driven 60 amp (756 watt) w/ voltage regulator	Belt Driven 60 amp (756 watt) w/ voltage regulator	Belt Driven 60 amp (756 watt) w/ voltage regulator	Belt Driven 60 amp (756 watt) w/ voltage regulator	Belt driven 60 amp (756 watt) w/ voltage regulator	Belt driven 60 amp (756 watt) w/ voltage regulator	40 amp (504 watt) w/ dual voltage regulators	40 amp (504 watt) w/ dual voltage regulators	40 amp (504 watt) w/ dual voltage regulators
6 & shallow water drive	6 & shallow water drive	6 & shallow water drive	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
Standard	Standard	Integral 1.1 litre	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional
Unleaded 90 RON min.	Unleaded 90 RON min.	Unleaded 90 RON min.	Unleaded 90 RON min.	Unleaded 90 RON min.	Unleaded 90 RON min.	Unleaded 90 RON min.	Leaded or unleaded 90 RON min.	Leaded or unleaded 90 RON min.	Leaded or unleaded 90 RON min.	Leaded or unleaded 90 RON min.	Leaded or unleaded 90 RON min.
25 kg	25 kg	25 kg	235 kg	235 kg	201 kg	201 kg	220 kg	MAG EFI: 218 kg EFI: 220 kg	MAG EFI: 189 kg EFI: 192 kg	184 kg	189 kg
Splined rubber hub	Splined rubber hub	Splined rubber hub	Flo-Torq II	Flo-Torq II	Flo-Torq II	Flo-Torq II	Flo-Torq II	Flo-Torq II	Flo-Torq II	Flo-Torq II	Flo-Torq II
Short 381 mm Long 508 mm	Short 381 mm Long 508 mm	Short 381 mm Long 508 mm SAILMATE : Long 508 mm	Long 508 mm XL 635 mm XXL 762 mm	Long 508 mm XL 635 mm XXL 762 mm	Long 508 mm XL 635 mm	Long 508 mm XL 635 mm	XL 635 mm XXL 762 mm	MAG EFI: Long 508 mm EFI: XL 635 mm XXL 762 mm	MAG EFI: Long 508 mm EFI: XL 635 mm	Long 508 mm XL 635 mm	Long 508 mm
See dealer	See dealer	See dealer	See dealer	See dealer	See dealer	See dealer	See dealer	See dealer	See dealer	See dealer	See dealer
7"- 9"	7"- 9"	7"- 9"	12"-27"	11"-27"	11"-27"	11"-27"	13"-27"	12"-27"	11"-27"	11"-27"	11"-27"
Overhead 2-valve pushrod	Overhead 2-valve pushrod	Overhead 2-valve pushrod	2-stage direct fuel injection	2-stage direct fuel injection	2-stage direct fuel injection	2-stage direct fuel injection	Loop-charged (EFI)	Loop-charged (EFI)	Loop-charged (EFI)	Loop-charged (3 carb)	Loop-charged (EFI)
Through prop	Through prop	Through prop	Through prop	Through prop	Through prop	Through prop	Through prop	Through prop	Through prop	Through prop	Through prop
N/A	N/A	N/A	Electronic multipoint	Electronic multipoint	Electronic multipoint	Electronic multipoint	Standard	Standard	Standard	Standard	Standard
N/A	N/A	N/A	N/A XL, XXL: Model available	N/A XL, XXL: Model available	N/A XL: Model available	N/A XL: Model available	Model available	Available on XL, XXL models only	Available on XL models only	Available on XL models only	N/A

(2) Measured at propshaft in accordance with ICOMIA 28.

(3) Requires rectifier to complete installation manual versions. Standard on 8 Sailmate models.



# MARINER 2-STROKES

		125-75				60-20					
150 MAG EFI/ EFI	NEW 150 MAG III	125	115	90	75	60 + BIGFOOT	50	40 3 CYL.	40 2 CYL.	30 645 cc	30 429 cc
112 kW	112 kW	93 kW	86 kW	67 kW	56 kW	44.8 kW	37.3 kW	29.8 kW	29.8 kW	22.5 kW	22.5 kW
5000-5600	5000-5600	4750-5250	4750-5250	5000-5500	4750-5250	5000-5500	5000-5500	5000-5500	4500-5500	4500-5500	4800-5500
V-6 (60° vee)	V-6 (60° vee)	4 (in-line)	4 (in-line)	3	3	3	3	3	2	2	2
2507 cc	2507 cc	1848 cc	1848 cc	1386 cc	1386 cc	967 cc	967 cc	967 cc	645 cc	645 cc	429 cc
89 mm × 67 mm	89 mm × 67 mm	89 mm × 75 mm	89 mm × 75 mm	89 mm × 75 mm	89 mm × 75 mm	76 mm × 71 mm	76 mm × 71 mm	76 mm × 71 mm	76 mm × 71 mm	76 mm × 71 mm	68 mm × 59 mm
Water cooled w/ thermostat and pressure controlled	Water cooled w/ thermostat and pressure controlled	Water cooled w/ thermostat and pressure controlled	Water cooled w/ thermostat and pressure controlled	Water cooled w/ thermostat and pressure controlled	Water cooled w/ thermostat and pressure controlled	Water cooled w/ thermostat and pressure controlled	Water cooled w/ thermostat and pressure controlled	Water cooled w/ thermostat and pressure controlled	Water cooled w/ thermostat and pressure controlled	Water cooled w/ thermostat and pressure controlled	Water cooled w/ thermostat and pressure controlled
Modular CDI w/ computer control	Modular CDI	Modular CDI	Modular CDI	Modular CDI	Modular CDI	Modular CDI	Modular CDI	Modular CDI	Modular CDI	Modular CDI	Capacitor discharge
Electric (turnkey)	Electric	Electric	Electric	Electric	Electric	Electric	Electric	Electric	Manual or Electric	Electric	Manual or Electric
1.87:1	1.87:1	2.07:1	2.07:1	2.30:1	2.30:1	1.64:1 BIGFOOT: 2.30:1	1.83:1	1.83:1	2.00:1	2.00:1	1.92:1
F-N-R	F-N-R	F-N-R	F-N-R	F-N-R	F-N-R	F-N-R	F-N-R	F-N-R	F-N-R	F-N-R	F-N-R
Remote	Remote	Remote	Remote	Remote	Remote	Remote	Remote	Remote	Tiller std: M, ML Optional: E, EL Remote std: E, EL Optional: M, ML	Remote	Tiller: M, ML Remote: E, EL
40 amp (504 watt) w/ dual voltage regulators	40 amp (504 watt) w/ dual voltage regulators	18 amp (227 watt) w/ voltage regulator	18 amp (227 watt) w/ voltage regulator	18 amp (227 watt) w/ voltage regulator	18 amp (227 watt) w/ voltage regulator	16 amp (201 watt) w/ voltage regulator	16 amp (201 watt) w/ voltage regulator	16 amp (201 watt) w/ voltage regulator	Electric: 18 amp (227 watt) w/ voltage regulator Manual: 10 amp (126 watt)	18 amp (227 watt) w/ voltage regulator	6 amp (80 watt)
Power trim standard	Power trim standard	Power trim standard	Power trim standard	Power trim standard	Power trim standard	Gas assist (Power trim optional) BIGFOOT: Power trim standard	Gas assist (Power trim optional)	Gas assist (Power trim optional)	5 and shallow water drive (Power trim optional)	5 and shallow water drive (Power trim optional)	6
Optional	Optional	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard
Leaded or unleaded 90 RON min.	Leaded or unleaded 90 RON min.	Leaded or unleaded 90 RON min.	Leaded or unleaded 90 RON min.	Leaded or unleaded 90 RON min.	Leaded or unleaded 90 RON min.	Leaded or unleaded 90 RON min.	Leaded or unleaded 90 RON min.	Leaded or unleaded 90 RON min.	Leaded or unleaded 90 RON min.	Leaded or unleaded 90 RON min.	Leaded or unleaded 90 RON min.
MAG EFI: 189 kg EFI: 192 kg	184 kg	158 kg	158 kg	138 kg	138 kg	100 kg BIGFOOT: 110 kg	90 kg	90 kg	74 kg	80 kg	51 kg
Flo-Torq II	Flo-Torq II	Flo-Torq II	Flo-Torq II	Flo-Torq II	Flo-Torq II	Splined rubber hub BIGFOOT: Flo-Torq II	Splined rubber hub	Splined rubber hub	Splined rubber hub	Splined rubber hub	Splined rubber hub
MAG EFI: Long 508 mm EFI: XL 635 mm	Long 508 mm XL 635 mm	Long 508 mm	Long 508 mm XL 635 mm	Long 508 mm Shaft extension kit available XL 635 mm	Long 508 mm Shaft extension kit available XL 635 mm	Short 381 mm Long 508 mm BIGFOOT: Long 508 mm	Short 381 mm Long 508 mm	Short 381 mm Long 508 mm	Short 381 mm Long 508 mm	Long 508 mm	Short 435 mm Long 562 mm
See dealer	See dealer	See dealer	See dealer	See dealer	See dealer	See dealer	See dealer	See dealer	See dealer	See dealer	3 × 10” × 13”
11”-27”	11”-27”	10”-26”	10”-26”	10”-26”	9”-26”	8”-19” BIGFOOT: 9”-26”	8”-19”	8”-19”	8”-19”	8”-19”	8”-14”
Loop-charged (EFI)	Loop-charged (3 carb)	Loop-charged (4 carb)	Loop-charged (4 carb)	Loop-charged (3 carb)	Loop-charged (3 carb)	Loop-charged (3 carb)	Loop-charged (3 carb)	Loop-charged (3 carb)	Loop-charged (1 carb)	Loop-charged (1 carb)	Cross flow (1 carb)
Through prop	Through prop	Through prop	Through prop	Through prop	Through prop	Through prop	Through prop	Through prop	Through prop	Through prop	Through prop
Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Electric: standard Manual: N/A	Standard	N/A
Available on XL models only	Available on XL models only	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

(4) Dry weight specification is for lightest model and excludes engine oil, rigging hardware and propeller.

(5) Correct propeller must be selected to fit application and boat size.

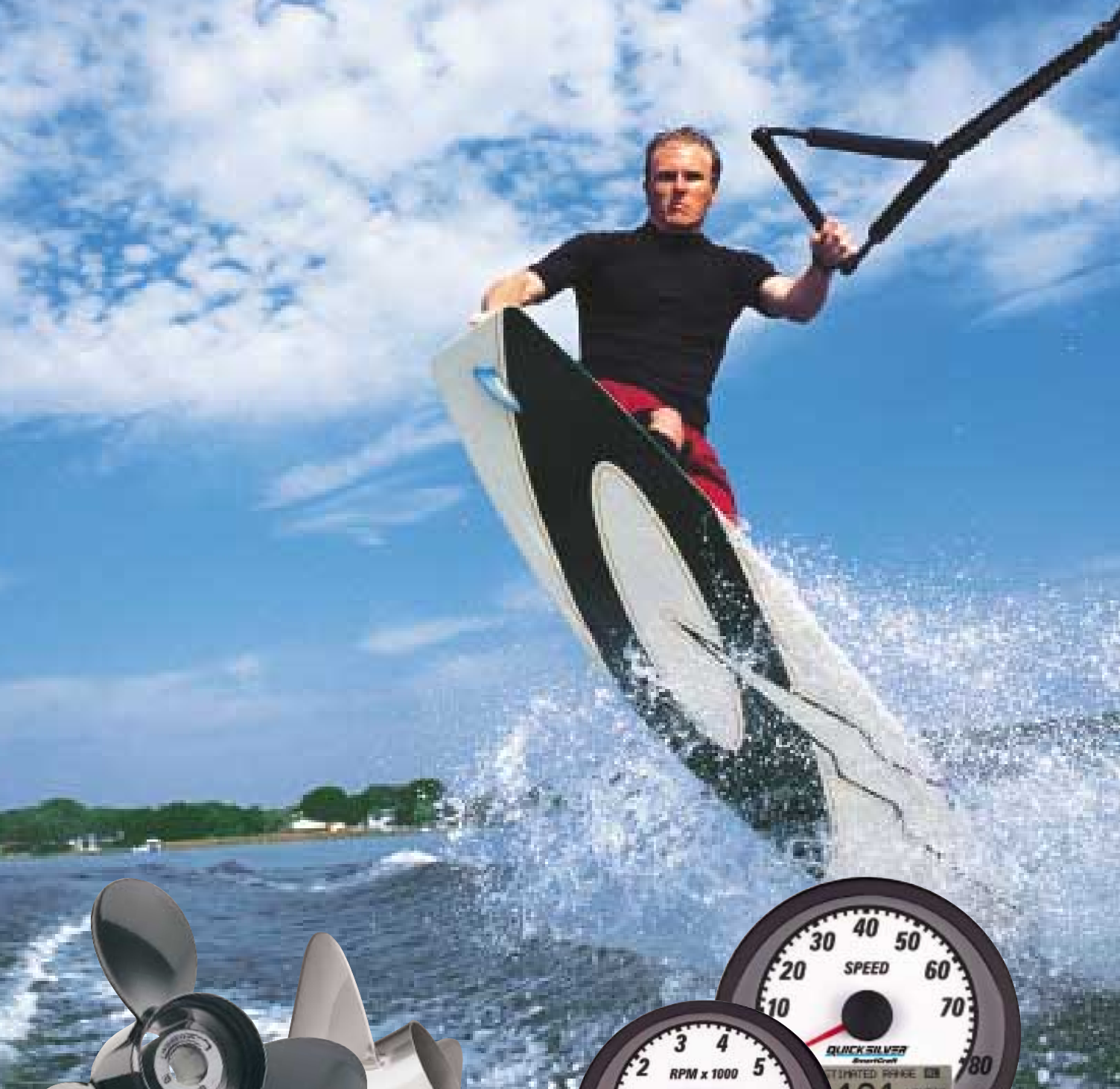
# MARINER 2-STROKES

		15-2.5									
25	20	15	10	8 SAILMATE	8	6	5	4	4 SAILMATE	3.3	2.5
18.7 kW	14.9 kW	11.2 kW	7.4 kW	6 kW	6 kW	4.5 kW	3.7 kW	3 kW	3 kW	2.5 kW	1.9 kW
5000-6000	4500-5500	5000-6000	5000-6000	4500-5500	4500-5500	4000-5000	4000-5000	4500-5500	4500-5500	4500-5500	4000-5000
2	2	2	2	2	2	2	1	1	1	1	1
400 cc	400 cc	262 cc	262 cc	210 cc	210 cc	210 cc	102 cc	102 cc	102 cc	74.6 cc	74.6 cc
65 mm × 60 mm	65 mm × 60 mm	60 mm × 46 mm	60 mm × 46 mm	54 mm × 45 mm	54 mm × 45 mm	54 mm × 45 mm	55 mm × 43 mm	55 mm × 43 mm	55 mm × 43 mm	47 mm × 43 mm	47 mm × 43 mm
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	Water cooled	Water cooled	Water cooled	Water cooled
Capacitor discharge	Capacitor discharge	Capacitor discharge	Capacitor discharge	Capacitor discharge	Capacitor discharge	Capacitor discharge	Capacitor discharge	Capacitor discharge	Capacitor discharge	Capacitor discharge	Capacitor discharge
Manual or Electric	Manual or Electric	Manual or Electric	Manual or Electric	Manual <sup>(6)</sup>	Manual <sup>(6)</sup>	Manual <sup>(6)</sup>	Manual	Manual	Manual	Manual	Manual
2.25:1	2.25:1	2.00:1	2.00:1	2.00:1	2.00:1	2.00:1	2.15:1	2.15:1	2.15:1	2.15:1	1.85:1
F-N-R	F-N-R	F-N-R	F-N-R	F-N-R	F-N-R	F-N-R	F-N-R	F-N-R	F-N-R	Forward-neutral	Forward
Tiller: M, ML Remote: E, EL	Tiller: M, ML Remote: EL	Tiller: M, ML Remote: EL	Tiller: M, ML Remote: EL	Tiller handle (Remote optional)	Tiller handle (Remote optional)	Tiller handle (Remote optional)	Tiller handle (360°) (Remote optional)	Tiller handle (360°) (Remote optional)	Tiller handle (Remote optional)	Tiller handle (360°)	Tiller handle (360°)
Standard: E, EL Optional: M, ML 6 amp (76 watt)	Standard: EL Optional: M, ML 6 amp (76 watt)	Standard: EL Optional: M, ML 6 amp (76 watt)	Standard: EL Optional: M, ML 6 amp (76 watt)	Standard 6 amp (76 watt) with rectifier	Optional 6 amp (76 watt)	Optional 6 amp (76 watt)	Optional 4 amp (50 watt)	Optional 4 amp (50 watt)	Standard with rectifier	N/A	N/A
5 and shallow water drive Standard: M, ML (Optional: E, EL)	5 and shallow water drive Standard: M, ML (Optional: EL)	3 and 3 shallow water drive positions	3 and 3 shallow water drive positions	3 and 3 shallow water drive positions	3 and 3 shallow water drive positions	3 and 3 shallow water drive positions	6 and shallow water drive	6 and shallow water drive	6 and shallow water drive	4	4
Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard + Integral 2.5 litres	Integral 2.5 litres	Integral 2.5 litres	Integral 1.4 litre	Integral 1.4 litre
Leaded or unleaded 90 RON min.	Leaded or unleaded 90 RON min.	Leaded or unleaded 90 RON min.	Leaded or unleaded 90 RON min.	Leaded or unleaded 90 RON min.	Leaded or unleaded 90 RON min.	Leaded or unleaded 90 RON min.	Leaded or unleaded 90 RON min.	Leaded or unleaded 90 RON min.	Leaded or unleaded 90 RON min.	Leaded or unleaded 90 RON min.	Leaded or unleaded 90 RON min.
51 kg	51 kg	34 kg	34 kg	34 kg	34 kg	34 kg	20 kg	20 kg	21 kg	14 kg	13 kg
Splined rubber hub	Splined rubber hub	Splined rubber hub	Splined rubber hub	Splined rubber hub	Splined rubber hub	Splined rubber hub	Splined rubber hub	Splined rubber hub	Splined rubber hub	Shear pin	Shear pin
Short 381 mm Long 508 mm	Short 381 mm Long 508 mm	Short 381 mm Long 508 mm Shaft extension kit available	Short 381 mm Long 508 mm Shaft extension kit available	Long 508 mm Shaft extension kit available	Short 381 mm Long 508 mm Shaft extension kit available	Short 381 mm Long 508 mm Shaft extension kit available	Short 381 mm Long 508 mm	Short 381 mm Long 508 mm	Long 508 mm	Short 381 mm Long 508 mm	Short 381 mm
3 × 10 <sup>3</sup> / <sub>8</sub> " × 13"	3 × 10 <sup>3</sup> / <sub>8</sub> " × 13"	3 × 9" × 9"	3 × 9" × 9"	6 <sup>1</sup> / <sub>2</sub> " High Reverse Thrust	3 × 9" × 9"	3 × 9" × 9"	3 × 8 <sup>3</sup> / <sub>8</sub> " × 8"	3 × 8 <sup>3</sup> / <sub>8</sub> " × 7"	6" High Reverse Thrust	3 × 7 <sup>3</sup> / <sub>8</sub> " × 6"	3 × 7 <sup>3</sup> / <sub>8</sub> " × 6"
9 <sup>1</sup> / <sub>2</sub> "-14 <sup>1</sup> / <sub>2</sub> "	9 <sup>1</sup> / <sub>2</sub> "-14 <sup>1</sup> / <sub>2</sub> "	6 <sup>1</sup> / <sub>2</sub> "-10 <sup>1</sup> / <sub>2</sub> " <sup>(7)</sup>	5 <sup>1</sup> / <sub>2</sub> "-9" <sup>(7)</sup>	6", 7", 8", 9"	5 <sup>1</sup> / <sub>2</sub> "-9" <sup>(7)</sup>	5 <sup>1</sup> / <sub>2</sub> "-9" <sup>(7)</sup>	6"-8"	6"-8"	6", 7", 8"	6"	6"
Loop-charged (1 carb)	Loop-charged (1 carb)	Cross flow (1 carb)	Cross flow (1 carb)	Cross flow (1 carb)	Cross flow (1 carb)	Cross flow (1 carb)	Loop-charged (1 carb)	Loop-charged (1 carb)	Loop-charged (1 carb)	Loop-charged (1 carb)	Loop-charged (1 carb)
Through prop	Through prop	Through prop	Through prop	Through prop	Through prop	Through prop	Through prop	Through prop	Through prop	Above prop	Above prop
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

(6) Electric start kits available for these engines.

(7) High reverse thrust prop also available.





## Choosing the Right Prop

Quicksilver propellers have been designed and manufactured to help bring the best out of your boat and engine. Choose from stainless steel or aluminium, extra-special or for everyday use. Your Mariner dealer will be pleased to give you advice and help with fitting precisely the right propeller.

## Smart Talk

SmartCraft™ gauges make everything that much smarter. No longer is there need for multiple gauges. With SmartCraft, all of your information is available at the touch of a button. It's simple, direct and accurate. It lets you monitor a host of engine functions and manage your fuel for peak performance. You can set a target boat speed or rpm. For trolling, you can set the engine to idle at up to 1000 rpm in any kind of water. And the SmartCraft system is rounded out by the exclusive Engine Guardian™ system, monitoring over 40 sensors and actuators and automatically reducing engine speed if problems are found.



## Making Hard Work Lighter

Making a living on the water can be hard work. You need the help of a Mariner Marathon to lighten the load.

Every Marathon undergoes rigorous testing in the most unfriendly of conditions before it is approved. These are tough engines for the toughest of jobs.

The Marathon family of workhorses starts with the 262cc 10HP and runs through 15HP, 25HP, 40HP, 55HP, 60HP and 75HP models to the 3.0 litre top-of-the-range V6 Mariner Marathon.



## Go Anywhere With A Jet

With no gearcase or propeller below the hull, Mariner Jet outboards are purpose-built for use in shallow water or where a propeller might be regarded undesirable.

Two models are available, rated at 20 and 40 Jetpower. They have their jet units factory designed and fitted, rather than retro-fitted at dealer level.

This is go-anywhere outboard power from Mariner.

## Quicksilver Quality

As a proud Mariner owner you will want to be sure you're maintaining your outboard with the best parts and accessories available. Quicksilver's premium line of engine parts, accessories, oils, lubricants and engine-care items have been designed to offer maximum protection for your engine and to help you make the most of your boating time.

Quicksilver products are available from all Mariner service dealers.







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