



TOHATSU

Feel the Wind™



TOHATSU

**OUTBOARD
MOTORS
2023**

OUR MISSION

The boat is a kindred spirit to the sea, the river, and the lake. Boats immerse you in nature and navigate you to unforgettable experiences. And the outboard motor helps make all of this possible.

Outboard motors are about a whole lot more than just the specs. A truly great motor delivers it all—performance, safety, and the ultimate ease of use. That's why we never stop asking ourselves the essential questions about what makes a great engine. We've been doing that since 1922, when aviation engineer Masuzo Takata founded Tohatsu.

Time and again, Tohatsu innovations have made waves that change the world. Take, for example, the Tohatsu motorcycle, which dominated the industry with its compact engine. Or Tohatsu outboard motors, built with our one-of-a-kind direct injection technology, which has revolutionized environmental performance.

We are uncompromising in our pursuit of outboard motors that are both durable and as light as possible. We pursue the ultimate in quality to deliver an inspirational engine experience. This is our unwavering promise: to deliver a more refined and stimulating boating experience.

Simpliq™
Technology

We aim to deliver the ultimate boating experience by providing outboard motors that are simple, easy to use and of outstanding quality. Simpliq™ Technology embodies the Tohatsu technological philosophy. Named for its integration of simplicity, interface and quality, Simpliq™ Technology is the result of continuous technological innovation fueled by the pursuit of nothing less than the very best.

**BACKS
YOU
UP™**

Our job begins by understanding our customer's needs. We spare nothing to bring ingenuity and innovation to delivering safer, more comfortable boating for our customers. We provide our customers with personal support for their Tohatsu outboard motors to ensure the best boating experience.

LIMITED WARRANTY
5
YEAR
TOHATSU

Tohatsu 5 year limited warranty offers the best standard warranty in the industry. It offers a full 5 years of peace of mind to all recreational users regardless of the amount of use on the motor. The Tohatsu philosophy is BACKS YOU UP™ and that is made possible with the best dealer network to offer service and warranty work if ever needed. This philosophy is accomplished through the best coverage and the best support on the water. For a dealer near you, go to the dealer locator on the website or call 469-771-3740 to find the closest dealer to you.

OUR HISTORY

The history of Tohatsu began since 1922 when the development of small gasoline engines has started. In 1956, Tohatsu has succeeded in producing the first outboard motor in Japan, the "OB". Since then, Tohatsu Outboards have been serving various marketplaces fulfilling numerous different demands with reliable products; two-stroke, four-stroke, and TLDI® Outboard Motors, and always seeking for ways to improve the quality of products & services.



OUR LOGOTYPE



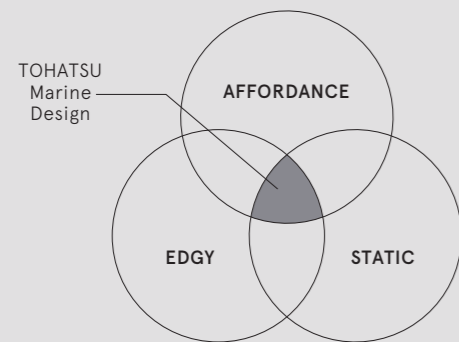
The Tohatsu Blue Wings evokes the image of the sea hawk, a bird that soars over the oceans of the world. The circle represents the sea. The sea hawk's wings which transcend it symbolize Tohatsu innovation, the pioneering ideas that inspire action that transcends the conventional.

OUR TAGLINE

Feel the Wind™

Wind is the flow of life. At times, it can even change the world. We want people everywhere to feel the exhilarating wind coming off the wings of Tohatsu. We pour our passion into every detail to provide people around the world with a smarter, more exciting boating experience. See it. Hear it. Feel the wind.

OUR DESIGN



TOHATSU DESIGN PHILOSOPHY

Based on Tohatsu's mission, to deliver a smarter and more exciting boating experience. Tohatsu Design Philosophy for marine products consists of "Affordance", "Edgy" and "Static".

The above 3 elements are the key components of Tohatsu Design Platform.



AFFORDANCE

Intuitively clear as it is a conversation between things and persons
Organized elements and thoughtful comfortability



EDGY

Narrowing peak for impressive details
Aesthetic appreciation that fits the times



STATIC

Controlled and calm appearance that harmonize with the nature environment
Genuine expression with simplicity and efficiency

4 STROKE

Boating experience for all lifestyles



BFT SERIES

BFT250/225/200 250 – 200 hp

The BFT250/225/200 provides a broader torque range and smoother power throughout the engine's operating range. With an innovated exterior, the improvement of corrosion resistance and water intrusion makes BFT250/225/200 the right choice.



NEW BFT150 150 hp

Both sleek and powerful, the BFT150 is a good match for pleasure or commercial use. The Variable Valve Timing and Lift Control system provides a superior combination of power, torque and fuel efficiency.

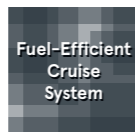


TECHNOLOGY



Large Displacement V6

A powerful compact 24 valve Single Overhead Cam (SOHC) design. The narrow V6 design offers top performance and durability as well as great fuel economy.



Fuel-Efficient Cruise System

Fuel economy is optimized at cruising speeds by allowing combustion at the best air/fuel mixture. This offers up to 30% less fuel consumption than the competition.



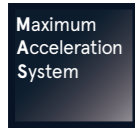
HI POWER

High output alternator that produces 90 amp alternator with 60 charging amps.



VVT&LC

Variable Valve Timing & Lift Electronic Control system provides power where and when you need it. This gives you boarder, flatter torque curve and smooth power delivery throughout the engine's operating range. The result is a superior combination of low end torque, superior top end performance, and fuel efficiency.



Maximum Acceleration System

The Maximum Acceleration System improves acceleration and performance at low speeds. When there is a quick movement of the throttle, the system is activated advancing the ignition timing curve quickly. This offers improved holeshot and quicker planing performance.



Precise Control by Drive By Wire

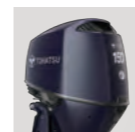
As an electronic throttle and shift system, the Drive By Wire provides resistance-free and precise shifting and acceleration control. The Drive By Wire is only available for the BFT250.



TOCS- Tohatsu Onboard Communication System- Offers communication between standard onboard electric devices and the outboard by simple plug and play connections.



TECHNOLOGY



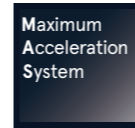
Fuel-Efficient Cruise System

BFT150D has a dynamic motion form with high quality and progressiveness.



HI POWER

High output alternator that produces 90 amp alternator with 60 charging amps.



Maximum Acceleration System

The Maximum Acceleration System improves acceleration and performance at low speeds. When there is a quick movement of the throttle, the system is activated advancing the ignition timing curve quickly. This offers improved holeshot and quicker planing performance.



TOCS- Tohatsu Onboard Communication System- Offers communication between standard onboard electric devices and the outboard by simple plug and play connections.



MID-RANGE SERIES

MFS140
140 hp

Superior performance now available in 140hp

Unique 4-2-1 Performance Tuned Exhaust manifold has been designed to maximize low end torque and acceleration. Best in class torque - displacement ratio creates excellent performance for all styles of boats from light to heavy weight.



MFS115/90/75
115 - 75 hp

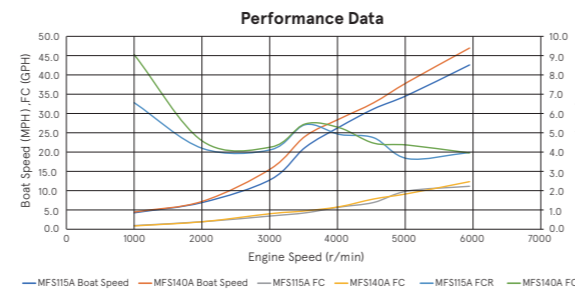
The MFS75/90/115 design is built on our best-selling models the MFS40/50/60 and the MFS9.9/15/20. The legacy of our top performing and most reliable engines has been passed on, with a dynamic design and sophisticated details, to our all new MFS75/90/115 4-stroke outboard with industry-first innovative features and characteristics.



TECHNOLOGY

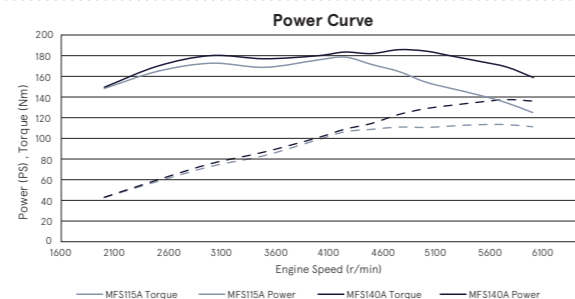
OUTSTANDING TORQUE

Industry first 4-2-1 Performance Tuned Exhaust system provides outstanding torque performance, top end speed, acceleration, and exceptional fuel economy. On certain boat applications, the MFS140A will perform similarly when compared to heavier 150hp outboards that weigh as much as 100 pounds more.



PERFORMANCE ORIENTED

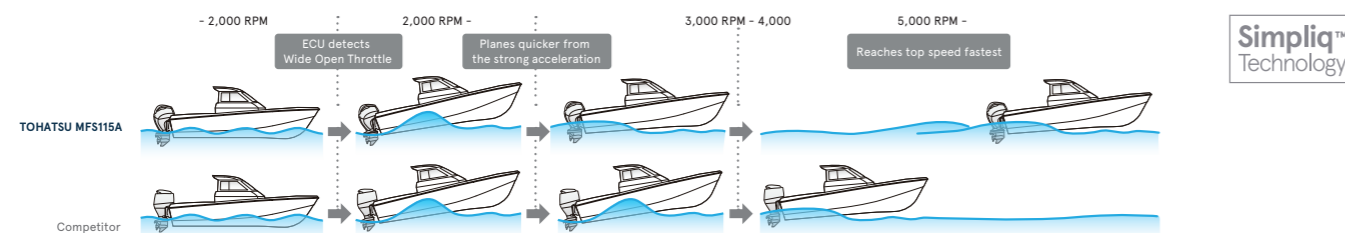
Tohatsu's revolutionary MFS115A design has expanded to the new MFS140A. With outstanding torque, increased durability, optimized weight and smooth operation, our newest model lineup provides top performance you can only experience with Tohatsu.



SMOOTH OPERATION

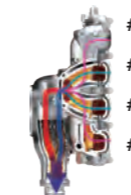
A new standard set for a more exciting boating experience by Simpliq™ Technology.

With its finely-tuned ECU programming, MFS75/90/115/140 are designed to improve acceleration when needed in order to get the boat to plane quicker. When you throttle to wide open, the ECU recognizes it and ignites in all four cylinders at the same time. Simultaneously, the ECU optimizes and supplies adequate air & fuel which makes air/fuel mixture more suitable for rapid acceleration to generate higher torque. The higher the torque you have, the stronger the acceleration you will get, resulting in enhanced hole shots and thus, quicker planing. Also, Upper and Lower Mounts, and the Gear Case are optimized for direct steering response & maneuverability, and greater stability.



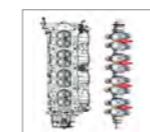
TOCS- Tohatsu Onboard Communication System- Offers communication between standard onboard electric devices and the outboard by simple plug and play connections.

4-2-1 PERFORMANCE TUNED EXHAUST



- #1 The length of exhaust passage for each cylinder is equal length to promote best performance throughout the entire RPM range.
 - #2 The exhaust gas from cylinders #1 and #4 combine to one and that of cylinders #2 and #3 combine to one.
 - #3 Those two passages merge to create the best exhaust flow by creating extra suction to help pull the exhaust from the engine.
 - #4 This design eliminates the interference of exhaust gas compared to a regular 4 to 1 exhaust manifold.
- This is the first outboard motor to embrace this industry leading design.

Scan for video ▶▶▶



MFS75/90/115/140 have a unique SOHC-4V design in its class where competitors are either SOHC-2V or DOHC-4V. Spark plugs are strategically placed in the center of the each combustion chamber for the most efficient combustion with optimal heat conduction which results in strong running and fuel efficiency.

QUIETNESS

With the even-length Intake Manifold, 4-2-1 Performance Tuned Exhaust, and fine-tuned ECU, MFS75/90/115/140 provide exhilarating and performance-inspired engine sound. Also within the large capacity Idle Port, sounds reflect off each other to dampen the exhaust flow which contributes to the lowest sound at idle.



Idling and trolling speed can be adjusted by pressing the key switch on your remote control box or multi-function tiller handle. (from 650 to 850 RPMs at 5-steps)



Multi-Function Tiller Handle (Option)* Offering smooth control and easy operating keyswitch with adjustable idle speeds, big-shift handle, and tilt & trim switch on a bigger tiller handle.



MFS60

60 hp

Tohatsu is determined to provide an engine to back you up on all your adventures. Armed to deliver a powerful ride, the 60hp EFI four stroke not only offers accelerating speed while using less fuel, but provides the lightest weight in its class to muscle your boat applications without sacrificing performance and accessibility to hard to reach places.



MFS50/40

50 - 40 hp

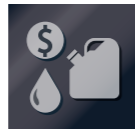
With a starting weight of 209 pounds, the MFS50/40 is not only one of the lightest in it's class, but delivers the performance you expect out of your outboard. The newly designed gear case offers you a lower gear ratio for improved hole shot and top end speed.



TECHNOLOGY



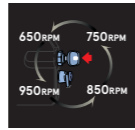
SOHC with unique 9-Valve Design with roller rocker arms provide minimal friction offering quicker throttle response more durable against wear and tear.



Outstanding fuel economy in its class. Why do you use more gasoline, if you have a choice not to?



Sleek design with monochrome tilt handle and mirror pane decals. Two color options: Aqua Marine Blue and Beluga White.



Idling and trolling speed can be adjusted by pressing the key switch on your remote control box or multi-function tiller handle. (from 650 to 950 RPMs)



Lightest weight in its class, starting under 211 lbs.



High output alternator produces 21 amp making it one of the largest capacity charging system in it's class.



TOCS- Tohatsu Onboard Communication System- Offers communication between standard onboard electric devices and the outboard by simple plug and play connections.



TECHNOLOGY



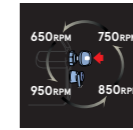
Sleek design with two color options: Aqua Marine Blue and Beluga White.



Iridium spark plugs provide maximum throttle response, enhanced combustion, and longer plug life.



Lightest weight in its class, starting under 209 lbs.



Idling and trolling speed can be adjusted by pressing the key switch on your remote control box or multi-function tiller handle. (from 650 to 950 RPMs)



Outstanding fuel economy in its class. Why do you use more gasoline, if you have a choice not to?



High output alternator produces 21 amp making it one of the largest capacity charging system in it's class.



TOCS- Tohatsu Onboard Communication System- Offers communication between standard onboard electric devices and the outboard by simple plug and play connections.



MFS40/35/25JET

40 - 25 hp

The MFS40/35/25 Jet is ideal for shallow and rugged water ways. These light weight and powerful outboards are based off the popular MFS60/50/40 power plant, maintaining the same proven compact and lightweight design.



NEW MFS30/25

30 - 25 hp

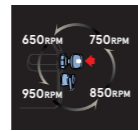
We have achieved the lightest weight in its class and improved reliability, without sacrificing performance. The MFS25/30D is designed for a wide variety of applications, and is available in multiple configurations to fit your boating needs. MFS30DW (Beluga White model) is available.



TECHNOLOGY



SOHC with unique 9-Valve Design with roller rocker arms provide minimal friction offering quicker throttle response more durable against wear and tear.



Designed for compact control, idling and trolling speed can be adjusted by pressing the key switch. (from 650 to 950 RPMs)



Ideal for shallow and rugged water ways. Explore the hard to reach places you cannot go with a propped motor.



Lightest weight in its class.



Outstanding fuel economy in its class. Why do you use more gasoline, if you have a choice not to?



Multi-Function Tiller Handle (Option)* Offering smooth control and easy operating keyswitch with adjustable idle speeds, big-shift handle, and tilt & trim switch on a bigger tiller handle.



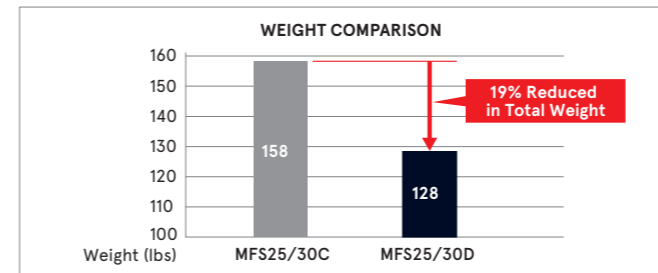
TOCS- Tohatsu Onboard Communication System- Offers communication between standard onboard electric devices and the outboard by simple plug and play connections.

TECHNOLOGY

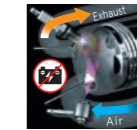
Lightest weight 3-cylinder 25/30hp

MFS25/30D is the lightest in its class. By redesigning the crankshaft and intake manifold, we have reduced the weight of each component by 37% and 48% respectively. With a total weight reduction of 30lbs, the MFS25/30D is 19% lighter than the previous version.

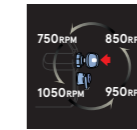
*Weight Specification is based on the lightest version.



Tohatsu's newly designed gear case has been given a more torpedo-like shape for optimal hydrodynamic flow, reducing water drag and improving performance - from planing to top end speed. A gear ratio of 2.17:1 optimizes low end torque and the ability to turn a wider variety of propellers for many boating applications.



Advanced Battery-less Electronic Fuel Injection (EFI) for smoother operation, easier starting and greater fuel efficiency in any condition.



Idling and trolling speed can be adjusted by pressing the key switch on your remote control box or multi-function tiller handle. (from 750 to 1050 RPMs)



TOCS- Tohatsu Onboard Communication System- Offers communication between standard onboard electric devices and the outboard by simple plug and play connections.



PORTABLE SERIES

MFS20/15/9.9
20 – 9.9 hp

These compact yet powerful engines have all the features you would expect to see on larger outboards. Such as battery-less EFI technology, multi-function tiller handle*, and a large displacement providing outstanding power. All while maintaining lightest in it's class, quiet operation, and ease of portability. *Tiller models only




MFS9.8/8, 9.8 Sail Pro
9.8 – 8 hp


The Tohatsu MFS9.8/8B are the lightest outboards in their class along with a large displacement making outstanding power. These advantages along with ultra-quiet operation makes these models the best choice in any application.




TECHNOLOGY




Sleek design with two color options: Aqua Marine Blue and Beluga White.




Multi-Function Tiller Handle offers the Stop Switch, Front Shift, Friction Adjusting Screw and Power Tilt Switch (PTS: on power tilt models only) integrated into the tiller handle for convenience.




Lightest weight in its class and compact design for easier maintenance.



A high quality, easy-to-remove and drain water & fuel separator that has a red ring that floats to identify if water is in the fuel system.




Advanced Battery-less Electronic Fuel Injection (EFI) for smoother operation, easier starting and greater fuel efficiency in any condition.




VST (Vapor Separator Tank) has been designed to integrate the High Pressure Fuel Feed Pump and Fuel Cooler inside the VST, making it a very compact lightweight integrated fuel system. This contributes to reducing the weight and offering ease of maintenance.


TECHNOLOGY



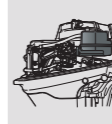
Thanks to our loyal customers all around the world, we are proud to announce the 18th year of MFS9.8/8 since the start of its production.




Front mounted shift lever for easier operation.



Lightest weight in its class, starting at just 81 lb with a wide variety of types for every application.



Greatly reduced air induction noise for a quieter ride.



Designed specifically with sail boaters in mind, the MFS9.8BEFUL is equipped with a high thrust 4-blade propeller, 6 amp charging system, and ultra-long shaft.



MFS6/5/4, 5LPG

MFS6 Sail Pro, 5LPG Sail Pro

6 – 4 hp

These portable best-seller have been upgraded by newly designed top and bottom cowls based on Tohatsu Design Philosophy for Marine Products with ergonomically designed front and back carrying handles. Now you can store your engine on 3 different positions without worrying about oil spillage.

*Please refer to Owner's Manual for storage and transportation.



MFS3.5/2.5

3.5 – 2.5 hp

These portable best-sellers have been upgraded with newly designed top and bottom cowl based on the Tohatsu Design Philosophy for Marine Products of Simpliq™ with ergonomically designed front and back carrying handles. Now you can store your engine on 3 different positions without worrying about oil spillage.

*Please refer to Owner's Manual for storage and transportation.



TECHNOLOGY



Top and bottom cowls are newly designed based on Tohatsu Design Philosophy of marine products; Affordance, Edgy and Static.
Available color options:
- Aqua Marine Blue: MFS4, MFS5
- Beluga White: MFS5 LPG, MFS6 (NEW for 2021)



Front mounted shift lever for forward-neutral-reverse is an industry first in its class.



Ergonomically designed new Large Front & Back Carrying Handles which allow easier carry and transportation from having one handle positioned slightly below another.



MFS5 LPG is 30% cleaner* in emissions while offering same performance as gasoline model. (LPG: Liquefied Petroleum Gas). LPG offers trouble free starting without the worry of clogged fuel systems.



3-way storage positions (Port, Front, and Starboard side down) without worrying about oil spill.
*Please refer to Owner's Manual for storage and transportation.



Sail Pro model is designed specifically for sail boaters. This outboard is available in a "long" and "Ultra-long" shaft with high thrust propeller and 60W(12V, 5A) charging system.



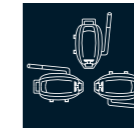
TECHNOLOGY



Top and bottom cowls are newly designed based on Tohatsu Design Philosophy of marine products; Affordance, Edgy and Static.



Ergonomically designed new Large Front & Back Carrying Handles which allow easier carry and transportation from having one handle positioned slightly below another.



3-way storage positions (Port, Front, and Starboard side down) without worrying about oil spill.
*Please refer to Owner's Manual for storage and transportation.



Forward-neutral shifting with 360° steering.



GENUINE TOHATSU PARTS AND ACCESSORIES



Control Boxes

Our Side, Flush, Top Single, and Top Twin Mount control boxes are all designed to provide remote throttle and shift control for Tohatsu outboards. Tohatsu offers a wide range of control boxes, mounting kits, and remote conversion kits to accommodate almost any application. For a complete list of kits and options, please contact your local Tohatsu dealer.

Lineup

- Side Mount Control
- Flush Mount Control (Hull and/or Center Console)
- Single Top Mount (Binnacle) Control
- Dual Top Mount (Binnacle) Control



TOCS 4.3 inch LCD Display

The TOCS (Tohatsu Onboard Communication System) 4.3 inch LCD Display connects to the CAN bus and communicates directly with the engine's ECU. Engine data, fault codes and alarms are displayed on the LCD display.

Fits a standard 3 3/8" (85mm) instrument dash hole which makes this display the perfect drop-in replacement for your current tachometer.

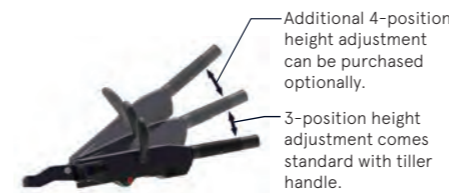
Features that this display can indicate:

- Engine RPM
- Engine Operating Temperature
- Engine Battery Voltage
- Fuel Consumption
- Tilt/Trim Gauge (optional harness needed)
- Total Engine Operating Hours
- Multiple Fuel Tank Levels
- Course/Speed Over Ground (optional GPS unit needed)
- Various warnings
- Self Diagnostic System



Gauges & Meters

A variety of Tohatsu gauges are available through your local dealer; hour meters, volt meters, water pressure meters, GPS speedometers, tilt/trim gauges, and tachometers. Manufactured to Tohatsu's precision standards.



Additional 4-position height adjustment can be purchased optionally.

3-position height adjustment comes standard with tiller handle.

Multi Function Tiller

The multi-function tiller handle features an ergonomically designed shift lever for easy and convenient shifting as well as a longer throttle grip with 110 degrees rotation for easier maneuverability. All controls on the new multi-function tiller are conveniently located on the handle for easy access and control.

More specifically, the gear shift, throttle grip with PTT switch, safety lanyard cord, and electric start key switch are all integrated in the tiller handle.

Available for MFS25-140



Engine Care Products

To keep your outboard running in perfect condition, Tohatsu offers 4-stroke and 2-stroke engine oil, gear lube, fuel stabilizer, and 4-stroke oil filters.

SPECIFICATIONS

	BFT SERIES				MID-RANGE SERIES												
	BFT250	BFT225	BFT200	BFT150	MFS140	MFS115	MFS90	MFS75	MFS60	MFS50	MFS40	MFS40 Jet	MFS35 Jet	MFS25 Jet	MFS30	MFS25	
Model																	
No. of Cylinder	6				4				3								
Output	250 hp (186.4 kw)	225 hp (167.8 kw)	200 hp (149.1 kw)	150 hp (111.9 kw)	140hp (103.0 kw)	115hp (84.6 kw)	90hp (66.2 kw)	75hp (55.2 kw)	60 hp (44.1 kw)	50 hp (36.8 kw)	40 hp (29.4 kw)	Jet Power 40 hp (29.4 kw)	Jet Power 35 hp (25.7 kw)	Jet Power 25 hp (18.4 kw)	30 hp (22.1 kw)	25 hp (18.4 kw)	
Displacement	218.6 cu in (3,583 cm ³)			143.6 cu in (2,354 cm ³)	121.6 cu in (1,995 cm ³)				52.8 cu in (866 cm ³)				30.5 cu in (500 cm ³)				
Bore x Stroke	3.50 x 3.78 in (89 x 96 mm)			3.43 x 3.90 in (87 x 99 mm)	3.31 x 3.54 in (84 x 90 mm)				2.76 x 2.95 in (70 x 75 mm)				2.4 x 2.25 in (61 x 57 mm)				
Max. RPM Range	5,300 - 6,300 r/min	5,000 - 6,000 r/min			5,150 - 5,850 r/min				5,000 - 6,000 r/min				5,500 - 6,500 r/min	5,000 - 6,000 r/min			
Fuel Induction System	SOHC EFI			DOHC EFI	SOHC EFI												
Starting	Electric														Electric & Manual or Manual		
Control Type	Remote Control				Remote Control or Tiller Handle												
Gear Ratio	2.00:1		2.14:1		2.08:1				1:1				2.17:1				
Propeller Selection Range	11" - 23"				9" - 21"				7" - 17"				-			8" - 14"	
Transom Height	20", 25", 30"	20", 25"			20"				15", 20", 25"	15", 20"		20"				15", 20"	
Weight*	619 lbs(281 kg)		615 lbs (279 kg)	487 lbs (221 kg)	392 lbs (178 kg)				213 lbs (96.5 kg)	209 lbs (95 kg)		231 lbs (105 kg)	228 lbs (103.5 kg)		128 lbs (58 kg)		
Alternator Output	12V, 1180W, 90A			12V, 660W, 55A	12V, 492W, 41A				12V, 252W, 21A				12V, 210W, 17.5A				
Color Option***	AQ				AQ & BW		AQ		AQ & BW			AQ		AQ & BW		AQ	

Specifications are subject to change without notice.
*Weight Specification is based on the lightest version. **Alternator on Certain Models ***AQ: Aqua Marine Blue, BW: Beluga White

	PORTABLE SERIES														
	MFS20	MFS15	MFS9.9	MFS9.8 Sail Pro	MFS9.8	MFS8	MFS6 Sail Pro	MFS6	MFS5 LPG Sail Pro	MFS5 LPG	MFS5	MFS4	MFS3.5	MFS2.5	
Model															
No. of Cylinder	2							1							
Output	20 hp (14.7 kw)	15 hp (11 kw)	9.9 hp (7.3 kw)	9.8 hp (7.2 kw)	9.8 hp (7.2 kw)	8 hp (5.9 kw)	6 hp (4.4 kw)	6 hp (4.4 kw)	5 hp (3.7 kw)	5 hp (3.7 kw)	5 hp (3.7 kw)	4 hp (2.9 kw)	3.5 hp (2.6 kw)	2.5 hp (1.8 kw)	
Displacement	20.3 cu in (333 cm ³)			12.8 cu in (209 cm ³)			7.5 cu in (123 cm ³)				5.2 cu in (86 cm ³)				
Bore x Stroke	2.4 x 2.24 in (61 x 57 mm)			2.17 x 1.73 in (55 x 44 mm)			2.32 x 1.77 in (59 x 45 mm)				2.17 x 1.42 in (55 x 36 mm)				
Max. RPM Range	5,400 - 6,100 r/min				5,000 - 6,000 r/min							4,500 - 5,500 r/min		5,000 - 6,000 r/min	4,500 - 5,500 r/min
Fuel Induction System	SOHC EFI			SOHC Carb.			OHV Carb.		OHV LPG		OHV Carb.				
Starting	Electric & Manual or Manual			Electric & Manual	Electric & Manual or Manual		Manual								
Control Type	Remote Control or Tiller Handle				Tiller Handle										
Gear Ratio	2.15:1			2.08:1			2.15:1								
Propeller Selection Range	6" - 11.5"			5" - 9.5"			6" - 9"				4.5" - 7"				
Transom Height	15", 20", 25"	15", 20"		15", 20", 25"	25"	15", 20"		20", 25"	15", 20"	20", 25"	15"	15", 20"		15"	
Weight*	95 lbs (43 kg)			94 lbs (42.5 kg)	82 lbs (37 kg)		58 lbs (26.1 kg)	56 lbs (25.6 kg)	61 lbs (27.7 kg)	60 lbs (27.2 kg)	56 lbs (25.6 kg)	58 lbs (26.1 kg)	41 lbs (18.4 kg)		
Alternator Output	12V, 145W, 12A			12V, 80W, 6A	12V, 80W, 6A**		12V, 60W, 5A	Opt. 12V, 60W, 5A	12V, 60W, 5A	Opt. 12V, 60W, 5A		N/A			
Color Option***	AQ & BW		AQ			BW				AQ					

Specifications are subject to change without notice.
*Weight Specification is based on the lightest version. **Alternator on Certain Models ***AQ: Aqua Marine Blue, BW: Beluga White

Feel the Wind™

