

# OUTBOARD MOTORS 2019



**TOHATSU**

Feel the Wind™

## See it, Hear it, Feel the Wind

Operating since 1922, Tohatsu has never stopped asking ourselves the essential question of - what makes a great engine? Aiming to deliver quality engines and inspirational experience, our unwavering promise consists of delivering a more refined and stimulating boating experience.

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# NEW FOR 2019 THE 60HP IS THE LIGHTEST IN IT'S CLASS

When it comes to our engineering, the MFS60 has been created to better fit our customers with simple architecture, easy to use interface, ultra low emissions, and absolute quality.



## LEGACY

Passed down from the MFS50/40, the new MFS60 now carries the light weight title with starting weight at 217lbs.



## REFINED EXTERIOR

Contrasting Tohatsu Aquamarine Blue, the Beluga White and mirror decals gives the MFS60 a sleeker look to best fit your boating needs.



## SIMPLE ARCHITECTURE

Minimal design change from it's predecessor (MFS50/40) keeps the new 60HP simple and easy to maintain.



SPECS P25

## BFT SERIES

Providing boaters with unmatched technology, proven reliability, and big power.



## 250-60 HP



### 250-200 HP

The new 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.



### 150-115 HP

Great for fishing and commercial use, the Tohatsu BFT150/115 contains the combination of power, torque, and fuel efficiency.



### 90-75 HP

The widely popular, light weight and powerful BFT90/75 has been updated to make engine maintenance easier and new sleek look. Optional Multi-function tiller handle is available.



### 60 HP

BFT60 offers you a variety of options, including multi-function tiller handle that allows for a wide steering range. The BFTW60 offers a high thrust lower unit, ideal for Pontoon boats and larger commercial vessels.

SPECS P25

# TECHNOLOGY

## Maximum Acceleration System

Maximum acceleration system improves acceleration at low speeds. A quick movement of the throttle control activates this system, advancing the ignition curve quickly. This will greatly improve "Hole Shot".

## Fuel-Efficient Cruise System

Fuel efficiency is increased by allowing combustion to operate on a leaner air/fuel mixture. At cruising speed, this engine runs on up to 30% less fuel than others in its class.

## Optimized Fuel-injection

Optimized Fuel-injection delivers the precise amount of fuel/air response with superior fuel efficiency.

## Variable Valve Timing and Lift Control

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 power, torque and fuel efficiency.

## TOCS – Tohatsu Onboard Communication System

TOCS supports communication between other standard electric devices onboard by simple plug and play.



# MID-RANGE SERIES

Built with ultimate advanced technology.



## 60-25 HP



### 60 HP

The wait is over. New elegant look, low fuel economy, and lightest weight in it's class.

The new MFS60 delivers a smarter and more exciting boating experience.



### 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.



### 35-25 HP JET

The new MFS35/25 Jet is ideal for shallow and rugged water ways.

These light weight and powerful outboards are based off the popular MFS50/40 power plant, maintaining the same compact and lightweight design.



### 30-25 HP

The world's first outboard with battery-less electronic fuel injection system setting the industry standard.

With an optimized gear ratio for better acceleration, and a refined upper and lower motor cover to improve serviceability.

MFS30AW (Beluga White model) is now available.

SPECS P25-26



# TECHNOLOGY

## Multi-Function Tiller Handle (Option)\*

Offering smooth control and easy operating key-switch, big- shift handle, and tilt & trim switch on a bigger tiller handle.

## Variable Idling Control\*

Designed for compact control, Idling and trolling speed can be adjusted by pressing the key switch.

## Water Flushing System

Comes standard with a convenient built-in freshwater flush system that simplifies routine engine flushing.

## TOCS – Tohatsu Onboard Communication System\*

TOCS supports communication between other standard electric devices onboard by simple plug and play.

## Battery-Less Electronic Fuel Injection

Battery-less the 30hp- 9.9hp have electronically controlled fuel injection which provides quick throttle response and excellent fuel economy.

\*MFS60 to 25 models only

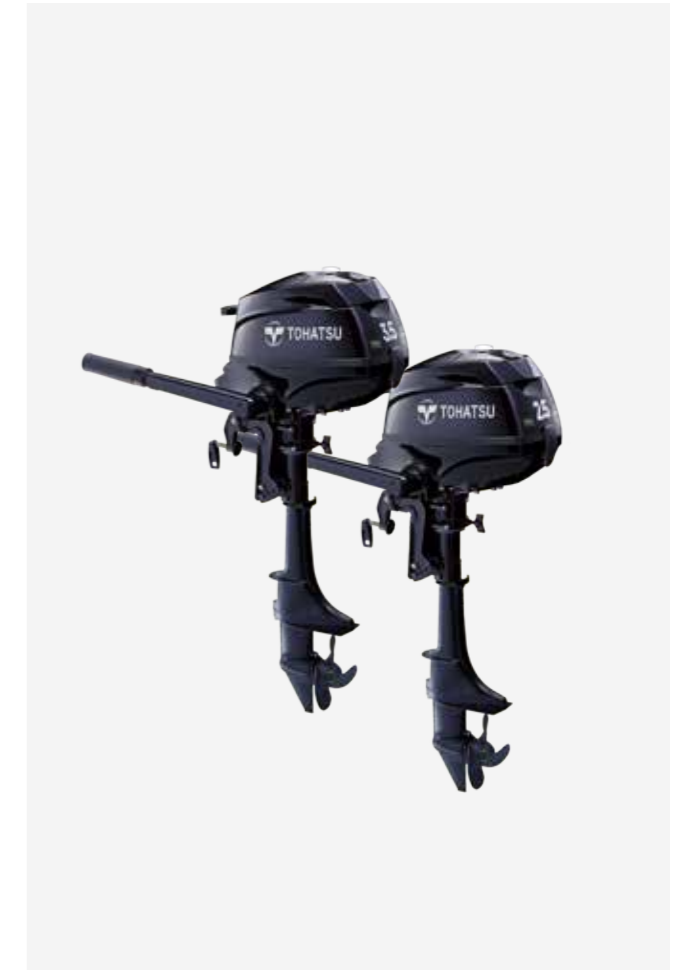


# PORTABLE SERIES

Compact and powerful.



## 20-2.5 HP



### 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 its class, quiet operation, and ease of portability.

\*Tiller models only

SPECS P26

### 9.8-8 HP

The Tohatsu MFS9.8/8 are the lightest outboards in its 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.

### 6 HP Sail Pro, 5 HP LPG Sail Pro

Designed specifically for sail boaters, this outboard is available in a "long" and "ultra-long" shaft with high thrust propeller to give you the power you need. Includes a 12V, 60W, 5A charging system.

### 6-4 HP

These powerful and practical models are perfect for your small boat application. Easy to use front shift and extended tiller makes it easy to operate.

### 3.5-2.5 HP

With its simple movability and light weight, the MFS3.5/2.5 carries the strongest torque in its class with 360 degree steering for quick maneuverability.

# TECHNOLOGY

## Simple Steering Friction Lever\*

The Steering friction lever, located at the front of the motor, allows the steering friction to be adjusted for both steady running at high speed and easier maneuvering while trolling. (tiller model only)

\*Only available on MFS20/15/9.9

## Front Shift

The shift lever is located at the front of the motor for easier operation.

## LPG Powered

Exclusive to Tohatsu's LPG outboard is the Safety Fuel Shut Off Valve which keeps propane fuel from continuously running when engine is not in use. Since the 5hp LPG does not require ethanol or gas, this propane outboard requires almost zero maintenance on fuel related components.

## Four Point Dampening System

The Specifically designed motor dampening system reduces vibration at all rpm ranges.

## Carrying Handle

Wide and deep carrying handle enables you to carry easily.



# GENUINE TOHATSU PARTS AND ACCESSORIES



## Gauges & Meters

A variety of Tohatsu gauges are available through your local dealer; hour meters, volt meters, water pressure meters, speedometers, tilt/trim gauges, and tachometers. Manufactured to Tohatsu's precision standards. Listed below is just a sample of gauges offered. See your dealer for a complete list of all Tohatsu gauges available for your outboard.

### Lineup

Tachometer	Trim Meter	Volt Meter	Water Pressure Meter
Hour Meter	Fuel Gauge	Speedometer	



## Control Boxes

Our Side, Flush, Top Single, and 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 Remote Control Box	Top-Twin Control Head Assy
Center Console Control Head Assy	



## 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 control, trim switch, safety lanyard cord, and electric start key switch are all integrated in the tiller handle.

Available for MFS60/50/40/30/25

# SPECIFICATIONS



Model	BFT SERIES							MID-RANGE SERIES						
	BFT250	BFT225	BFT200	BFT150	BFT115	BFT90	BFT75	BFT60	BFTW60	MFS60	MFS50	MFS40	MFS35 Jet	MFS25 Jet
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)	115 hp (85.8 kw)	90 hp (67.1 kw)	75 hp (55.9 kw)	60 hp (44.7 kw)	60 hp (44.1 kw)	50 hp (36.8 kw)	40 hp (29.4 kw)	Jet Power 35 hp (25.7 kw)	Jet Power 25 hp (18.4 kw)	
Displacement	218.6 cu in (3,583 cm <sup>3</sup> )			143.6 cu in (2,354 cm <sup>3</sup> )		91.3 cu in (1,497 cm <sup>3</sup> )		60.9 cu in (998 cm <sup>3</sup> )		52.8 cu in (866 cm <sup>3</sup> )				
Bore x Stroke	3.50 x 3.78 in (89 x 96 mm)			3.43 x 3.90 in (87 x 99 mm)		2.87 x 3.50 in (73 x 89.4 mm)		2.87 x 3.13 in (73 x 79.5 mm)		2.76 x 2.96 in (70 x 75 mm)				
Max. RPM Range	5,300 - 6,300 r/min	5,000 - 6,300 r/min			4,500 - 6,000 r/min	5,300 - 6,300 r/min	5,000 - 6,000 r/min							
Starting	Electric													
Control Type	Remote Control				Remote Control or Tiller Handle									
Gear Ratio	2.00:1		2.14:1		2.33:1		2.07:1	2.33:1	2.08:1			1:1		
Propeller Selection Range	11" - 23"				9" - 21"		9" - 15"	9" - 21"	7" - 17"			-		
Transom Height	20", 25", 30"	20", 25"			20"		20", 25"	15", 20"		20"				
Weight*	619 lbs (281 kg)		615 lbs (279 kg)	478 lbs (217 kg)		366 lbs (166 kg)		243 lbs (110 kg)	262 lbs (119 kg)	217 lbs (98.5 kg)	209 lbs (95 kg)		234 lbs (106 kg)	
Alternator Output	12V, 1180W, 90A			12V, 660W, 55A		12V, 420W, 35A		12V, 264W, 22A		12V, 252W, 21A				

\*Weight Specification is based on the lightest version.  
 \*\*Alternator on Certain Models  
 Specifications are subject to change without notice.



Model	MID-RANGE SERIES				PORTABLE SERIES											
	MFS30	MFS25	MFS20	MFS15	MFS9.9	MFS9.8	MFS8	MFS6 Sail Pro	MFS6	MFS5 LPG Sail Pro	MFS5 LPG	MFS5	MFS4	MFS3.5	MFS2.5	
No. of Cylinder	3			2							1					
Output	30 hp (22.1 kw)	25 hp (18.4 kw)	20 hp (14.7 kw)	15 hp (11 kw)	9.9 hp (7.3 kw)	9.8 hp (7.2 kw)	8 hp (5.9 kw)	6 hp (4.4 kw)	5 hp (3.7 kw)			4 hp (2.9 kw)	3.5 hp (2.6 kw)	2.5 hp (1.8 kw)		
Displacement	32.1 cu in (526 cm <sup>3</sup> )		20.3 cu in (333 cm <sup>3</sup> )			12.8 cu in (209 cm <sup>3</sup> )		7.5 cu in (123 cm <sup>3</sup> )					5.2 cu in (86 cm <sup>3</sup> )			
Bore x Stroke	2.4 x 2.36 in (61 x 60 mm)		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	5,250 - 6,250 r/min	5,000 - 6,000 r/min	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		
Starting	Electric & Manual	Electric & Manual or Manual						Manual								
Control Type	Remote Control or Tiller Handle						Tiller Handle									
Gear Ratio	2.17:1		2.15:1			2.08:1		2.15:1								
Propeller Selection Range	8" - 14"		6" - 11.5"			5" - 9.5"		6" - 9"					4.5" - 7"			
Transom Height	15", 20"			15", 20", 25"		15", 20"		20", 25"	15", 20"	20", 25"	15"	15", 20"		15"		
Weight*	161 lbs (73 kg)	158 lbs (71.5 kg)	94.8 lbs (43 kg)			82 lbs (37 kg)		58 lbs (26.1 kg)	57 lbs (25.6 kg)	63 lbs (28.6 kg)	60 lbs (27.2 kg)	57 lbs (25.6 kg)	58 lbs (26.1 kg)	41 lbs (18.4 kg)		
Alternator Output	12V, 180W, 15A		12V, 145W, 12A			12V, 80W, 6A**		12V, 60W, 5A	Opt. 12V, 60W, 5A	12V, 60W, 5A	Opt. 12V, 60W, 5A			N/A		

## 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.



In 2018, Tohatsu opened a new State of the Art Research and Development facility.

**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.



Feel the Wind™







**TOHATSU**

Feel the Wind™

Tohatsu America Corporation



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