



**TOHATSU**

Feel the Wind™

**OUTBOARD MOTORS 2020**

# 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™

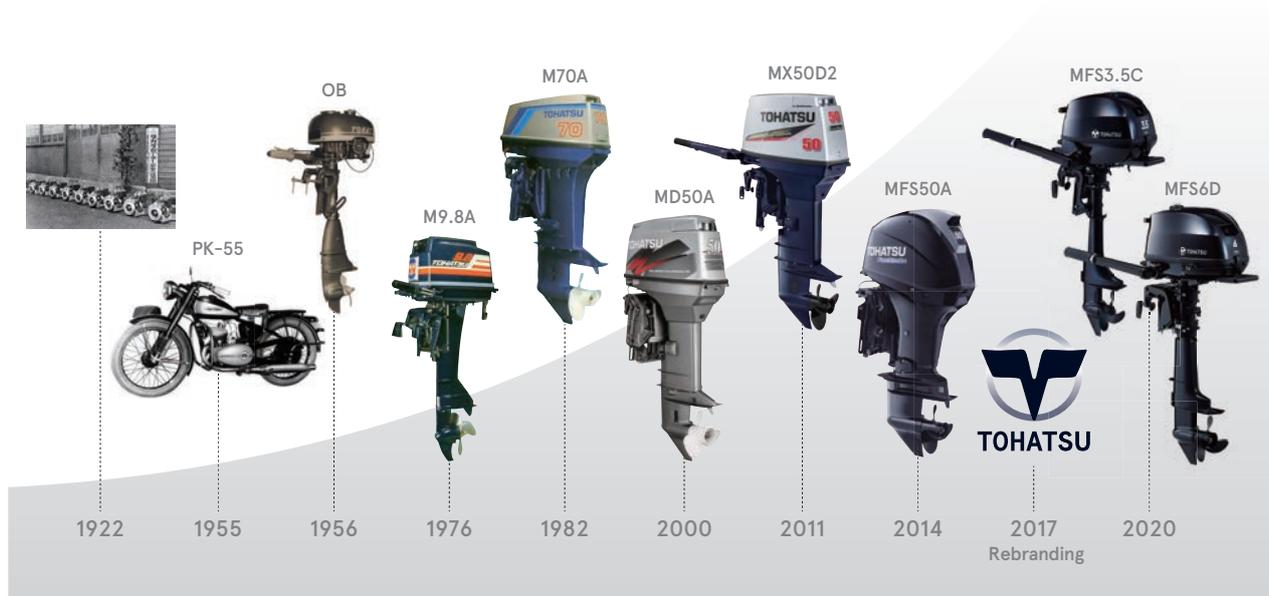
Our job begins by understanding our customer's needs. We spare nothing to bring ingenuity and innovation to delivering safer, more comfortable boating for our customers. We provide our customers with personal support for their Tohatsu outboard motors to ensure the best boating experience.



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

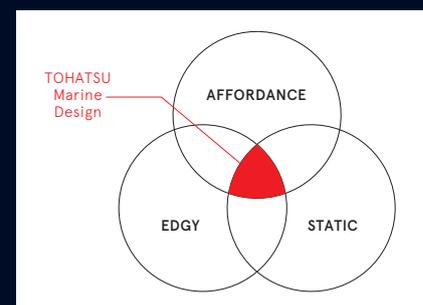
The history of Tohatsu began since 1922 when the development of small gasoline engines has started. In 1956, Tohatsu has succeeded in producing the first outboard motor in Japan, the "OB". Since then, Tohatsu Outboards have been serving various marketplaces fulfilling numerous different demands with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



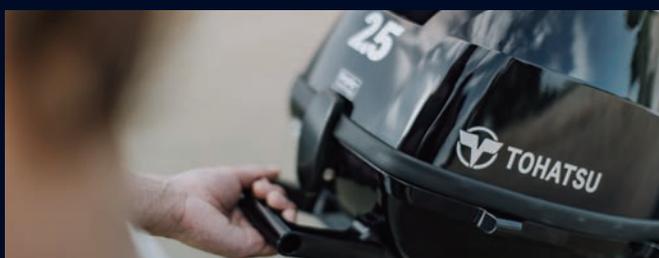
# Our Design

## 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

## 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.

### 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





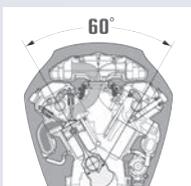


## BFT250/225/200

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.



### 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.



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



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.



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.



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.



The enhanced sealing system incorporates a new redesigned cowling to allow fresh air in and keep water out in addition to having three new latches for a secure dry fit.



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



# BFT150/115

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



## TECHNOLOGY



### Dual Stage Induction

BFT150A have unique variable intake system which optimizes air flow to match the engine's speed. The results are maximized combustion efficiency, maximum top end performance, increased torque, and superb fuel economy.



High output alternator produces 30 amps of power at 1,000 rpms and 40 amps at 2,000 rpms and above



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.



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## BFT90/75

The widely popular, light weight and powerful BFT90/75 has been designed to make engine maintenance easy and a sleek design. The optional multi-function tiller handles offers models with complete versatility.



### TECHNOLOGY



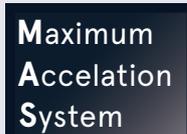
Weighing in at only 366lbs makes these models one of the lightest motors in their class



High output 44 amp alternator that produces nearly twice as many charging amps as some competitors



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.



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.



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.



Multi function tiller handle is available with adjustable idle trolling RRM



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



## BFT60

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, and a tighter turning radius for better maneuverability which is the ideal technology on Pontoon boats and larger commercial vessels.



## TECHNOLOGY



High output 22 amp alternator that produces nearly twice as many charging amps as some competitors



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.

### 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.



Multi function tiller handle is available with adjustable idle trolling RRM



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



## MFS60

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.



## TECHNOLOGY



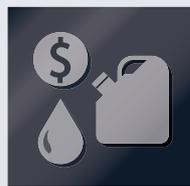
SOHC with unique 9-Valve Design with roller rocker arms provide minimal friction offering quicker throttle response more durable against wear and tear.



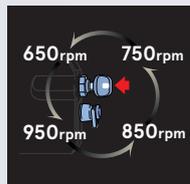
Sleek design with monochrome tilt handle and mirror pane decals.  
Two color options: Aqua Marine Blue and Beluga White.



Lightest weight in its class, starting under 211 lbs.



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



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 rpm's)



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.



## MFS50/40

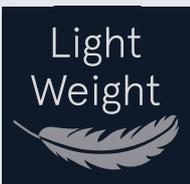
With a starting weight of 209 pounds, the MFS50/40 is not only one of the lightest in it's class, but delivers the performance you expect out of your outboard. The newly designed gear case offers you a lower gear ratio for improved hole shot and top end speed.



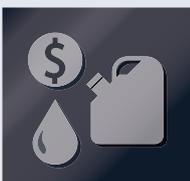
## TECHNOLOGY



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



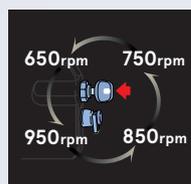
Lightest weight in its class, starting under 209 lbs.



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



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



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 rpm's)



High output alternator produces 21 amps. It's one of the large charging capacity along competition.



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



## MFS30/25

The world's first outboard with battery-less electronic fuel injection system has set the industry standard. An optimized gear ratio offers better acceleration and a refined upper and lower motor cover improves serviceability. MFS30AW (Beluga White model) is available for a variety of boat applications.



## TECHNOLOGY



Sleek design with two color options: Aqua Marine Blue and Beluga White (MFS30CW)



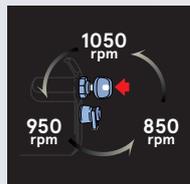
Outstanding fuel economy in its class. Why do you use more gasoline, if you have a choice not to?



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



Lower gear ratio from 1.92:1 to 2.17:1 gives you better low end torque and the ability to turn a higher pitch prop for better top end performance



Idling and trolling speed can be adjusted by pressing the key switch on your remote control box or multi-function tiller handle (from 850 to 1050 rpm's)



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



## MFS20/15/9.9

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



## TECHNOLOGY



Two color options: Aqua Marine Blue and Beluga White (MFS20EW)



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



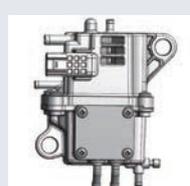
Lightest weight in its class and compact design for easier maintenance



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.



## MFS9.8/8

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



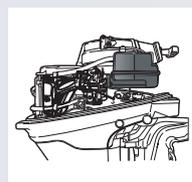
Thanks to our loyal customers all around the world, we are proud to announce the 17th year of MFS8/9.8 since the start of its production.



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



Front mounted shift lever for easier operation



Greatly reduced air induction noise for a quieter ride



**NEW**

## MFS6/5/4, 5LPG MFS6 Sail Pro, 5LPG Sail Pro

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.



### 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.



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



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.



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



**NEW**

## MFS3.5/2.5

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.



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 spillage.

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



Forward-neutral shifting with 360° steering



**NEW**

## MFS40/35/25JET

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.



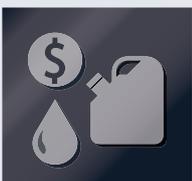
### TECHNOLOGY



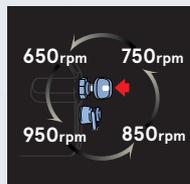
SOHC with unique 9-Valve Design with roller rocker arms provide minimal friction offering quicker throttle response more durable against wear and tear.



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



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



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



Lightest weight in its class



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.

# 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, GPS speedometers, tilt/trim gauges, and tachometers. Manufactured to Tohatsu's precision standards.



## 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 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 BFT60A/75/90AK1

# SPECIFICATIONS



	BFT SERIES								MID-RANGE SERIES						
Model	BFT250	BFT225	BFT200	BFT150	BFT115	BFT90	BFT75	BFT60	BFTW60	MFS60	MFS50	MFS40	MFS40 Jet	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 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"			15", 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)	213 lbs (96.5 kg)	209 lbs (95 kg)		237 lbs (107.5 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. Specifications are subject to change without notice.

\*\*Alternator on Certain Models



	MID-RANGE SERIES							PORTABLE SERIES								
Model	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> )				86 cm <sup>3</sup> (5.2 cu in)				
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 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"		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		

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



Check out our brand at  
[www.tohatsu.com](http://www.tohatsu.com) Let's get Social

