



# 2016 | PRODUCT BROCHURE





## ***“Celebrating 60 Years of Advancing Technology on the Water”***

Over the past 60 years, continuous technological advancements have made Tohatsu Outboards one of the most trusted names on the water. Pride in being the first, and being the best has helped to make Tohatsu a prominent leader in the marine industry.

What started as a single two stroke outboard in 1956, has now developed into one of the largest outboard manufactures in Japan, providing boaters with a full line of engines from 2.5hp to 250hp. Although Tohatsu outboards are equipped with some of the most cutting-edge technology available, Tohatsu knows that it is simply the outboard’s reliability that continues to keep our clients loyal 60 years later.

Backed by some of the highest quality standards in the industry, equipped with superior technology and a level of dependability that just won’t quit, you can feel confident placing your trust in Tohatsu over the next 60 years.





# TOHATSU OUTBOARDS 60th 1956-2016 ANNIVERSARY

## NETWORK

Tohatsu's sole factory, located in the city of Komagane in Nagano Prefecture, boasts the world's largest production capacity for outboard motors. Engines manufactured in Komagane are exported to over 100 countries, via over 90 distributors, across the globe.

Despite recent trends to outsource production to other countries, Tohatsu strives to keep all manufacturing in Japan. By doing so, Tohatsu will continue to deliver reliable outboards and specialty products that live up to the "Made in Japan" standard.



# HISTORY AND QUALITY

Tohatsu manufactured its first outboard motor, a two stroke 1.5hp engine, in 1956. Over the years, Tohatsu began to develop larger horsepower outboards and new environmentally friendly technology. In 1998, Tohatsu introduced its first four stroke, which was a 5hp outboard. In 2000, TLDI technology, also known as two stroke Low pressure Direct injection, was introduced into the market. Current Tohatsu production includes four stroke motors, from 2.5hp through 50hp, and TLDI motors from 25hp through 115hp for all markets. Tohatsu also continues to produce conventional two stroke outboards, from 2.5 through 115hp, for many countries.

As pioneers in Japanese outboard motor manufacturing, our high quality, durable, environmentally friendly products are highly acclaimed by customers in every country. Tohatsu is committed to introducing new products and technology into the market as the times and needs of our customers evolve.











# **TECHNOLOGY FOR THE NEXT GENERATION**

Throughout the world, Tohatsu has demonstrated the reliability of their engines, making them one of the world's most reputable and largest outboard manufacturers. With an outstanding team of innovative, creative and qualified professionals, the company has met and surpassed boater's expectations.

Through extensive quality and performance testing of their engines, Tohatsu has set themselves apart from the competition, ensuring they provide the best quality and technology in the outboard industry.



**TOHATSU'S FIVE YEAR  
WARRANTY**

The five year warranty, included on our entire line of outboards, shows our commitment to providing not only great value, but a dependable motor with unmatched performance.

**BFT  
250**



**FOUR STROKE  
LARGE**





# LOOKING FOR SUPER POWER?

Our largest, highest horsepower four stroke outboard, the BFT 250, brings a large displacement 3.5 liter V6. This narrow V6 design offers top performance and durability, as well as great fuel economy. The high output alternator provides a 90 amp alternator with 60 charging amps.

Reliability and durability are covered with the 250hp's painted interior cooling passages, providing extra protection against corrosion. Another feature of the 250hp four stroke is the Electronic Control Module. This allows engine data to be interfaced with on-board system displays, such as SONAR or GPS. The BFT 250hp has another industry-first; separate dual air circuits. This system provides cooler, denser air for better combustion as compared to conventional under-cowl induction systems. Cooler air for your motor, means more horsepower for you!



## VARIABLE VALVE TIMING AND LIFT CONTROL

**VVT&LC**

This system provides power where and when you need it. This gives you a broader, 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.

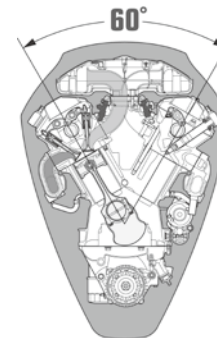


## SEPARATE DUAL AIR CIRCUITS

The BFT 250 has another industry-first; separate dual air circuits. The first is used to cool the engine where air is drawn into the front of engine and circulated around critical engine components. A top mounted cooling fan draws cooling air over the alternator. The second intake circuit directs cooling air from the upper intake vents, separates out moisture, and then inducts it into the throttle body. This system provides for cooler, denser air for better combustion as compared to conventional under-cowl induction systems.



## 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.



**BFT  
225**



**BFT  
200**







# EXHILARATING POWER AND SPEED

The 225hp and 200hp large displacement 3.5 liter V6, comes equipped with the Variable Valve Timing and Lift Control\* system. This provides power where and when you need it, giving you a broader, 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.

Also equipped with Multi-port Programmed Fuel Injection which delivers the precise amount of fuel/air to each cylinder. The heavy duty 5" diameter gear case was built to withstand extreme conditions, giving you the peace of mind on the water every boater is looking for. Equipped with non-linear rubber mounts, which provide less vibration at all engine speeds, the BFT 225hp and BFT 200hp four stroke outboards have the power, the reliability and even the comfort, making them the perfect outboard for you to own.



## VARIABLE VALVE TIMING AND LIFT CONTROL

**VVT&LC**

This system provides power where and when you need it. This gives you a broader, 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. \*Only for BFT 225



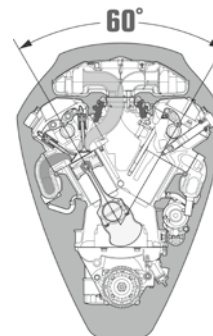
## DUAL STAGE INDUCTION

### Breathing easier improves performance

Dual Stage Induction is a unique variable intake system which optimizes air flow to match the engine's speed. The results are maximized combustion efficiency, increased torque and superb fuel economy.



## 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.



**BFT**  
**115/150**



**FOUR STROKE**  
**LARGE**





# BOTH SLEEK AND POWERFUL

The Tohatsu in-line 4 cylinder 150hp and 115hp four stroke outboard is both sleek and powerful. The Variable Valve Timing and Lift Control\* system provides power where and when you need it, giving you excellent low end torque and top end speed. The result is a superior combination of power, torque and fuel efficiency.

The 150hp and 115hp four strokes also feature Multi-port Programmed Fuel Injection, which delivers the precise amount of fuel/air to each cylinder. This gives you easy starting and an instant throttle response. Plus, the 3-way cooling system provides added protection from over heating. You'll enjoy worry-free boating with the Tohatsu four stroke 150hp and 115hp outboards.



## VARIABLE VALVE TIMING AND LIFT CONTROL

**VVT&LC**

This system provides power where and when you need it. This gives you a broader, 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.

\*Only for BFT 150



## SUPERIOR FUEL EFFICIENCY



\*ECOMo® increases fuel efficiency 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.

\*ECOMo® is a registered trademark of Honda Motor Co., Ltd.

\*\*Based on EPA Specific Fuel Consumption Mode.

## DUAL STAGE INDUCTION

### Breathing easier improves performance

BFT 150 has a unique variable intake system which optimizes air flow to match the engine's speed. The results are maximized combustion efficiency, increased torque and superb fuel economy. \*Only for BFT 150





**BFT**  
**75/90**



**FOUR STROKE**  
**MID-RANGE**





# VERSATILE AND DEPENDABLE

Meet the versatile and dependable Tohatsu 90hp and 75hp four stroke outboards. In-line 4 cylinder SOHC delivers exceptional torque and power, while still weighing in at only 359 pounds, which makes the BFT 90hp and BFT 75hp two of the lightest motors in their class.

The convenience is even built right into these engines with the built-in freshwater flushing system, for easy routine flushing. To protect against corrosion, the BFT 90 and BFT 75 have a "Double Sealed" multi-layered paint process, sacrificial anodes, stainless steel technology and waterproof connectors, all of which work to enhance the motor's corrosion protection. Reliability and durability come standard on these high-power, proven-technology four stroke outboards.



## 4-FRONT CORROSION PROTECTION SYSTEM

A patented, "Double Sealed" multi-layered paint process, sacrificial anodes, stainless steel technology and waterproof connectors, all enhancing corrosion protection.

**4FRONT** Corrosion Protection



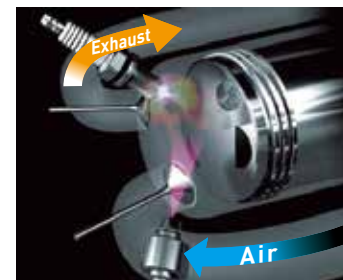
## BLAST® SYSTEM

**BLAST™**  
BOOSTED LOW SPEED TORQUE

\*The BLAST® System, or Boosted Low Speed Torque, improves acceleration at low speeds. A quick movement of the throttle control activates the BLAST® system, advancing the ignition curve quickly. This will greatly improve "Hole Shot".

\*BLAST® is a registered trademark of Honda Motor Co., Ltd.

## MULTI-PORT PROGRAMMED FUEL INJECTION [PGM-FI]®



Multi-port Programmed Fuel Injection [PGM-FI]® for powerful performance. Programmed Fuel Injection delivers the precise amount of fuel/air response with superior fuel efficiency.

\*PGM-FI® is a registered trademark of Honda Motor Co., Ltd.



**BFT  
60**



**FOUR STROKE  
MID-RANGE**



# LIGHTWEIGHT AND POWERFUL

Weighing in at just 239 pounds, the Tohatsu 60hp four stroke is one of the lightest weight motors in its class. It features lightweight Mikuni® intake, which helps build low end torque. The BFT 60hp also features Boosted Low Speed Torque, which helps deliver exceptional hole shots and comes standard with a high output 22 amp alternator that produces nearly twice as many charging amps as other competitors.

The Lean Burn Control will get you better fuel economy while at cruising speeds. This powerful, yet lightweight four stroke is one of the best in its class.

Also available in high thrust , the BFTW 60hp "Power Thrust" is designed specifically for heavier loads. This model has a larger gear case and lower gear ratio for pontoon boats, work boats and heavier fiberglass boats.



## BLAST® SYSTEM

**BLAST**  
BOOSTED LOW SPEED TORQUE

The Blast® System, or Boosted Low Speed Torque, improves acceleration at low speeds. A quick movement of the throttle control activates the BLAST® system, advancing the ignition curve quickly. This will greatly improve "Hole Shot".

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## SUPERIOR FUEL EFFICIENCY

**ECOMo**  
ECONOMY CONTROLLED MOTOR



\*ECOMo® increases fuel efficiency 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.

\*ECOMo® is a registered trademark of Honda Motor Co., Ltd.

\*\*Based on EPA Specific Fuel Consumption Mode.

## MULTI-FUNCTION TILLER HANDLE



Ergonomically designed shift lever offers smooth shifting for convenience and comfort. Throttle friction allows fine-tuning of the tiller for safety. Up front shift lever, PTT switch and engine alert lamps provide added convenience.



**MFS**  
**40/50**



**FOUR STROKE**  
**MID-RANGE**





# THE LIGHTEST WEIGHT IN ITS CLASS

What is the one thing every boater looks for in an outboard motor? The lightest weight motor possible.

Tohatsu's all new 40/50hp four stroke has what you need at just 209 pounds, making them the lightest weight motors in their class. You asked and we listened by outfitting the 40/50hp four stroke with a new and improved gear case with a lower gear ratio, giving you the increased low end torque your boat needs.

This outboard also has variable idling speed control from 650 to 950rpm's and a large 21 amp alternator. With the 40/50hp four stroke's power to quickly reach your destination, exceptional fuel performance to keep gas costs down and proven technology for worry-free boating, you've never had a day on the water quite like this.



## BUILT-IN FRESHWATER FLUSHING SYSTEM



Standard built-in freshwater flushing system simplifies routine engine flushing

## VARIABLE IDLING SYSTEM



Variable Idling System allows trolling speed (RPM) to be adjusted in four levels from 650rpm to 950rpm (100rpm each) using the key-switch.

## AUDIO VISUAL WARNING SYSTEM



The tachometer informs the operator of potential problems such as low oil pressure, low battery and overheat through the built-in warning lights. (For models equipped with a tachometer)

## MULTI-FUNCTION TILLER HANDLE



Multi-Function Tiller Handle is available on select models. 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.





**MFS  
30**



**MFS  
25**



**FOUR STROKE  
MID-RANGE**



# POWERFUL PERFORMANCE, EXCEPTIONAL FUEL ECONOMY

With Tohatsu's reputation for powerful speed and unmatched reliability, the Tohatsu 25/30hp four stroke will keep boaters loyal. Redesigned for 2015, the upper and lower motor cover features a more modern look, and easier access to regular maintenance items.

The all new multi-function tiller handle comes standard on all 25hp models with electric start. This tiller includes all controls conveniently located on the handle for easy access giving you more control, better maneuverability and increased safety. With all of the features you need to make the most of your day on the water, this engine gives what it promises: powerful performance and exceptional fuel economy. The 25/30hp four stroke has become another top seller.



## BUILT-IN FRESHWATER FLUSHING SYSTEM



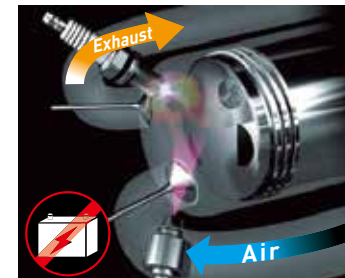
Standard built-in freshwater flushing system simplifies routine engine flushing

## MULTI-FUNCTION TILLER HANDLE



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## BATTERY-LESS ELECTRONIC FUEL INJECTION



The 30hp and 25hp now have the industry's first battery-less electronically controlled fuel injection that provides quick throttle response, excellent fuel economy and very smooth rides on the water.





**MFS  
20**



**MFS  
15**



**FOUR STROKE  
PORTABLES**



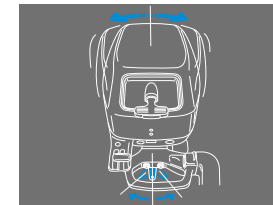
# PUT THIS ENGINE TO THE TEST

Powerful, yet lightweight, the 15/20hp is a great choice for many boaters. You can expect this model to deliver the same level of performance that our other engines deliver. Plus, with the low maintenance, fuel efficiency and durability of the 15/20hp why would you look anywhere else? Try the new 15/20hp for the ultimate boating experience, because you don't deserve anything less!

Power Tilt is available on many models. The 15/20hp Power Tilt is ideal for inflatable, small fishing and pontoon boats. The uniquely designed engine improves functionality and convenience with its light, compact power tilt and transom bracket. Now you can tilt your motor out of the water with just a push of a button. Simplify your boating experience with a power tilt model.

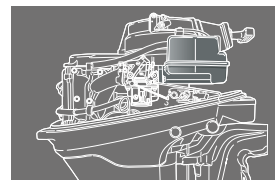


## SIMPLE STEERING FRICTION LEVER



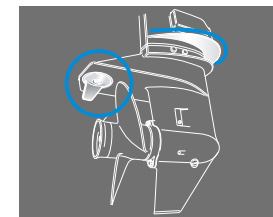
The steering friction lever, located at the front of the motor, allows the steering friction to be adjusted for both steady running at high speed and easier maneuvering while trolling. (Tiller models only.)

## AIR-SILENCER SYSTEM



Our air-intake system has a large volume air silencer to ensure engine starting, and to suppress air-intake noise during engine operation.

## WIDE ANTI-CAVITATION PLATE WITH TRIM TAB



The wide anti-cavitation plate effectively restrains the propeller from cavitating. The large trim tab helps to achieve effortless steering at high speeds while also providing corrosion protection.





**MFS**  
**8/9.8**



**FOUR STROKE**  
**PORTABLES**



# UNMATCHED IN ITS CLASS

Unmatched in its class, the Tohatsu 8/9.8hp four stroke has set the standard in portable outboard power!

This lightweight motor weighs in at barely over the 80 lb mark and has undeniable characteristics of a true marine champion. Our 8/9.8hp outboard is skinny on fuel and big on power while never compromising performance or reliability. It has a ton of features that are usually only found on larger, more expensive outboards. We pack a lot of bang for the buck in this truly unique outboard!

The 9.8hp Power Tilt Model is now available! You can't beat the power and reliability of Tohatsu's 9.8hp, and now with the new Power Tilt option, why would you try option, anything else?

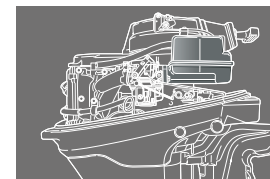


## FRONT SHIFT



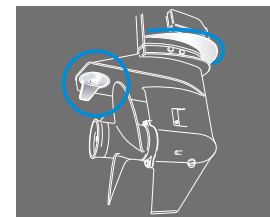
The shift lever is located on the front of the motor for easier operation.

## AIR-INTAKE SYSTEM



Our air-intake system has a large volume air silencer to ensure engine starting and to suppress air-intake noise during engine operation.

## WIDE ANTI-CAVITATION PLATE WITH TRIM TAB



The wide anti-cavitation plate effectively restrains the propeller from cavitating. The large trim tab helps to achieve effortless steering at high speeds while also providing corrosion protection.





# MFS 2.5/3.5/4/5/6



**SailPro** 

Designed specifically for sailboats. This powerful sailboat motor is available in a "long" and "ultra-long" shaft, has a sail drive propeller to give you the power you need. It also has a 12V, 60W, 5A charging port for charging your battery or an external electrical device. It's got better with Tohatsu Pro" sailboat motor!

## FOUR STROKE PORTABLES



# PORTABLE YET POWERFUL

## OIL LEVEL SIGHT-GAUGE



Conveniently located on the side of the motor, the oil level sight-gauge makes it easy to check the oil level without having to remove the cowling.  
\*Only for 2.5/3.5hp

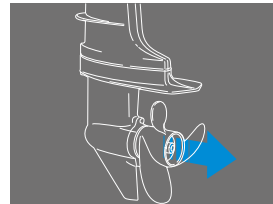
## FRONT MOUNTED SHIFT LEVER



The new front mounted shift lever, an industry first in its class, allows for better drivability.  
\*Only for 4/5/6hp



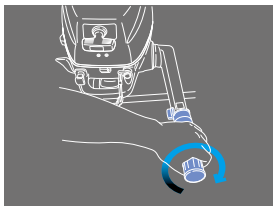
## PROPELLER HUB EXHAUST



Through-the-prop exhaust helps reduce engine noise.  
\* Only for 4/5/6hp

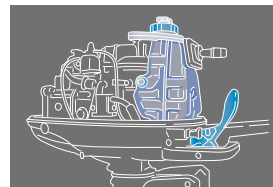


## THROTTLE GRIP



The twist type throttle control is provided on the steering handle for quick steering, as well as one-handed operation to ensure your safety.

## INTEGRAL TANK



With a built-in fuel tank conveniently located on top, the 4hp and certain 6hp models become ready for cruising quickly without taking up extra space in the boat. An external fuel fitting also comes standard with this model to allow the motor to also hook up to a remote fuel tank.





**MD**

**25/35<sup>jet</sup>/40/50/75/90/115**



**TLDI SERIES**



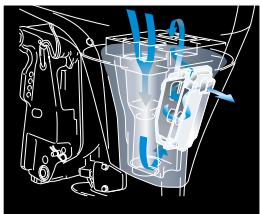
# EXCELLENT HORSEPOWER-TO-WEIGHT RATIO

The TLDI® system provides all of the things you need in an outboard. It provides superior performance with exceptional fuel and oil savings. A TLDI® outboard produces fewer emissions and meets all federal and state requirements for outboard emission control. Acceleration from low to high speed is extremely smooth, making the outboard very responsive. Also, the reduction of air intake, from three to one, allows quieter operation.

With a TLDI® outboard you get all the punch and power of a two stroke, but with the quietness and fuel efficiency of a four stroke.



## IDLE NOISE REDUCTION SYSTEM



The twist type throttle control is provided on the steering handle for quick steering, as well as one-handed operation for your safety.

## DIRECT FUEL INJECTION INTO CYLINDER



Due to the intrinsic design of the chamber on the cylinder head, the finely atomized fuel mist created by the fuel injector is injected near the spark plug to achieve ideal combustion.



## PISTONS DEDICATED TO TLDI® OUTBOARDS



Teflon coated pistons (equipped on MD 75/90/115) with a concave shape to the head were specifically designed for TLDI® and significantly increase the fuel combustion efficiency.





# GENUINE TOHATSU PARTS AND ACCESSORIES

## ENGINE OIL

Genuine Tohatsu Engine Oil is specially formulated to work with all Tohatsu engines, two strokes, TLDI and four strokes. Tohatsu Genuine Oils contain additional additives and detergents to keep your Tohatsu outboard running at peak performance.



Tohatsu "Complete Advantage"  
100% Synthetic Two Stroke Oil



Tohatsu Premium Two Stroke  
TC-W3® Oil



Tohatsu Four Stroke FC-W® Oil



Tohatsu Genuine Lubricants

Marine Grease  
Fogging Oil  
Fuel Stabilizer

Gear Lube  
Engine Tuner

## RIGGING KITS



Multi-Function Tiller Handle Kit

Applicable Models  
MFS25/30C, 40/50A  
MD40/50B2



Side Mount Type Pre-rig Kits

Applicable Models  
MFS25/30C, 40/50A  
TLDI models



Pre-rig Kits for Side/Flush/  
Binnacle Control

Applicable Models  
MFS25/30C, 40/50A  
TLDI models



- Flush Mount Control Box
- Single Binnacle Control Box
- Dual Binnacle Control Box

## STANDARD GAUGES 40HP THROUGH 115HP

Analog 4" tachometer with built-in warning lamps available in black or white face



Tachometers

Trim Meter

## OPTIONAL ANALOG GAUGES



Speedometer

Fuel Gauge



Hour Meter

Volt Meter

Water Pressure Meter

## TOCS (Tohatsu Onboard Communication System)



### NEW DIGITAL GAUGES FOR 2015 PRODUCTION YEAR MOTORS FROM 25HP THROUGH 115HP.

4" Multi-function tachometers with LED read out. LED display data includes water coolant temperature, fuel flow, fuel level, trim level, voltage, engine hours and speed (optional GPS antenna required).



# SPECIFICATIONS TLDI & FOUR STROKE

## Four Stroke

Model	BFT250	BFT225	BFT200	BFT150	BFT115	BFT90	BFT75	BFT60	BFTW60
No. of Cylinder	6			4			3		
Output	250hp (186.4 kw)	225hp (167.8 kw)	200hp (149.1 kw)	150hp (111.9 kw)	115hp (85.8 kw)	90hp (67.1 kw)	75hp (55.9 kw)	60hp (44.7 kw)	
Displacement	3,583 cc [218.6 cu.in]	3,471 cc [211.7 cu.in]		2,354 cc [143.6 cu.in]		1,496 cc [91.3 cu.in]		998 cc [61.0 cu.in]	
Bore x Stroke	89 x 96 mm [3.5 x 3.8 in]	89 x 93 mm [3.5 x 3.7 in]		87 x 99 mm [3.4 x 3.9 in]		73 x 89.4 mm [2.9 x 3.5 in]		73 x 79.5 mm [2.9 x 3.1 in]	
Max. RPM Range	5,300 - 6,300 r/min	5,000 - 6,000 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 Shift	Forward - Neutral - Reverse								
Gear Ratio	2.00:1	1.86:1		2.14:1		2.33:1		2.07:1	2.33:1
Transom Height	20", 25", 30"	20", 25"				20"			
Fuel	Unleaded Gasoline (87 Pump Octane or higher)								
Recommended Oil	API Standard (SG, SH, SJ) SAE 10W-30								
Fuel Tank	Optional								
Weight*	613 lbs (278 kg)	589 lbs (267 kg)	584 lbs (265 kg)	478 lbs (217 kg)		366 lbs (166 kg)	364 lbs (165 kg)	243 lbs (110 kg)	262 lbs (119 kg)
Alternator Output	12V, 1080W, 90A			12V, 660W, 55A		12V, 528W, 44A		12V, 324W, 27A	
Model	BFT250	BFT225	BFT200	BFT150	BFT115	BFT90	BFT75	BFT60	BFTW60
PGM-FI®	S	S	S	S	S	S	S	S	S
BLAST®	S	S	S	S	S	S	S	S	S
ECCoMo®	S	S	S	S	S	S	S	S	S
Variable Valve Timing & Lift Control	S	S	-	S	-	S	-	-	-
Compatible with TOCS (Tohatsu Onboard Communication System)	S	S	S	S	S	S	S	S	S
Counter-rotating Propeller Shaft model	O	O	O	O	O	-	-	-	-
Power Thrust Gear Case	-	-	-	-	-	-	-	-	S

\* Weight Specification is based on the lightest version. LEGEND S ..... Standard Features O ..... Optional or Certain Models Specifications are subject to change without notice.

## Four Stroke

Model	MFS50	MFS40	MFS30	MFS25	MFS20	MFS15	MFS9.8	MFS8	MFS6 SP	MFS6
No. of Cylinder	3			2			1			
Output	50hp (36.8 kw)	40hp (29.4 kw)	30hp (22.1 kw)	25hp (18.4 kw)	20hp (14.7 kw)	15hp (11 kw)	9.8hp (7.2 kw)	8hp (5.9 kw)	6hp (4.4 kw)	
Displacement	866 cc (52.9 cu.in)		526 cc (32.09 cu.in)		351 cc (21.41 cu.in)		209 cc (12.8 cu.in)		123 cc (7.5 cu.in)	
Bore x Stroke	70 x 75 mm (2.4 x 2.36 in)		61 x 60 mm (2.4 x 2.36 in)		61 x 60 mm (2.4 x 2.36 in)		55 x 44 mm (2.17 x 1.73 in)		59 x 45 mm (2.32 x 1.77 in)	
Max. RPM Range	5,000 - 6,000 r/min		5,250 - 6,250 r/min	5,000 - 6,000 r/min		5,400 - 6,100 r/min	5,000 - 6,000 r/min			
Starting	Electric		Electric & Manual or Manual			Electric & Manual or Manual			Manual	
Control Type	Remote Control or Tiller Handle				Remote Control or Tiller Handle			Tiller Handle or Opt. Remote Control		
Gear Shift	Forward - Neutral - Reverse									
Gear Ratio	2.08:1		2.17:1		2.15:1		2.08:1		2.15:1	
Propeller Selection Range	7" - 17"		8" - 14"		6" - 11.5"		5" - 10"		6"	6" - 9"
Transom Height	15", 20"		15", 20"		15", 20"		15", 20", 25"	15", 20"	20", 25"	15", 20"
Fuel	Unleaded Gasoline (87 Octane)					Unleaded Gasoline (87 Octane)				
Recommended Oil	Tohatsu 4stroke Outboard Motor Oil					Tohatsu 4 stroke Outboard Motor Oil				
Fuel Tank	6.6 US Gal. (25 Lit) Separate Tank				3.2 US Gal. (12 Lit) Separate Tank			3.2 US Gal. (12 Lit) Separate Tank	3.2 US Gal. (12 Lit) Separate Tank and/or 0.3 US Gal. (1.15 Lit) Integral Tank	
Weight*	209 lbs (95 kg)		158 lbs (71.5 kg)		114.6 lbs (52 kg)		81.5 lbs (37 kg)		59 lbs (26.6 kg)	57 lbs (25.6 kg)
Alternator Output	12V, 252W, 21A		12V, 180W, 15A		12V, 145W, 12A		12V, 80W, 6A**		12V, 60W, 5A	Opt. 12V, 60W, 5A
Compatible with TOCS (Tohatsu Onboard Communication System)	S	S	S	S	-	-	-	-	-	-

## Four Stroke

Model	MFS5	MFS4	MFS3.5	MFS2.5
No. of Cylinder	1			
Output	5hp (3.7 kw)	4hp (2.9 kw)	3.5hp (2.6 kw)	2.5hp (1.8 kw)
Displacement	123 cc (7.5 cu.in)		86 cc (5.2 cu.in)	
Bore x Stroke	59 x 45 mm (2.32 x 1.77 in)		55 x 36 mm (2.17 x 1.42 in)	
Max. RPM Range	4,500 - 5,500 r/min		5,000 - 6,000 r/min	4,500 - 5,500 r/min
Starting	Manual			
Control Type	Tiller Handle or Opt. Remote Control		Tiller Handle	
Gear Shift	Forward - Neutral - Reverse		Forward - Neutral	
Gear Ratio	2.15:1			
Propeller Selection Range	6" - 9"		4.5" - 7"	
Transom Height	15", 20"			
Fuel	Unleaded Gasoline (87 Octane)			
Recommended Oil	Tohatsu 4 stroke Outboard Motor Oil			
Fuel Tank	3.2 US Gal. (12 Lit) Separate Tank and/or 0.3 US Gal. (1.15 Lit) Integral Tank		0.26 US Gal. (1 Lit) Integral Tank	
Weight*	57 lbs (25.6 kg)	58 lbs (26.1 kg)	41 lbs (18.4 kg)	
Alternator Output	Opt. 12V, 60W, 5A		N/A	
Compatible with TOCS (Tohatsu Onboard Communication System)	-	-	-	-

## TLDI

Model	MD115	MD90	MD75	MD50	MD40	MD30
No. of Cylinder	4	3				
Output	115ps (84.6 kw)	90hp (66.2 kw)	75hp (56 kw)	50hp (36.8 kw)	40hp (29.4 kw)	30hp (22.1 kw)
Displacement	1768 cc (107.9 cu.in)	1267 cc (77.3 cu.in)		697 cc (42.5 cu.in)		
Bore x Stroke	88 x 72.7 mm (3.46 x 2.86 in)	86 x 72.7 mm (3.39 x 2.86 in)		68 x 64 mm (2.68 x 2.52 in)		
Max. RPM Range	5,150 - 5,850 r/min					4,750 - 5,750 r/min
Starting	Electric					
Control Type	Remote Control			Remote Control or Tiller Handle		
Gear Shift	Forward - Neutral - Reverse					
Gear Ratio	2.0:1	2.3:1		1.85:1		
Propeller Selection Range	9" - 21"	11" - 21"		7" - 15"		
Transom Height	20", 25"			15", 20"		20"
Fuel	Unleaded Gasoline (87 Octane)					
Recommended Oil	Tohatsu Premium Outboard Motor Oil					
Fuel Tank	Optional			6.6 US Gal. (25 Lit) Separate Tank		
Weight*	392 lbs (178 kg)	331 lbs (150 kg)		205.7 lbs (93.5 kg)		208 lbs (94.5 kg)
Alternator Output	12V, 490W, 40A			12V, 280W, 23A		
Compatible with TOCS (Tohatsu Onboard Communication System)	S	S	S	S	S	S

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





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