TOHATSU
Outboards
TOHATSU
FourStroke
50
TOHATSU
OUTBOARD
MOTORS
2014

DELIVERING RELIABILITY THROUGHOUT THE WORLD FOR OVER 50 YEARS

Throughout the world, Tohatsu has demonstrated the reliability of its Engines, making them one of the world's most reputable and largest Outboard manufacturers, With an outstandibg team of qualified Professionals, creativity and innovation, the company has met and Surpassed boater's exapectations.

Though extensive quality and performance testing of engine,Tohatsu Has set itself apart from the competition,ensuring it provides the best Quality and technology in the outboard industry.

TOHATSU`S NEW FIVE YEAR WARRANTY

The five year warranty shows our commitment to providing not only a great value, but a dependable motor with unmatched performance. The warranty offers our customers one of the best warranties in the industry on our entire line of outboards.

Be confident knowing you have a reliable engine.

CONFIDENCE

NEW FOR 2014!

Lightweight ECO Sporty
MFS40/50

MFS40

MFS50

Video Playback

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

Variable Idling System
Trolling speed (revolution) can be adjusted in four levels from 650rpm to 950rpm (100rpm each) using a key-switch.

Built-in Audio and Visual System

"Lightweight"	Lightest Weight in 4st 40/50hp Class
"ECO"	Outstanding Fuel Economy Ultra Low Emission
"Sporty"	All Sleek Cowling Design

FourStroke

California C.A.R.B three star rating for ultra-low emissions.

5 Year warranty

Video Playback How to use CLIC2C

Dowload the free CLIC2C® app

CLIC2C® one clic experience

Download the free CLIC2C® directly to your smartphone from the Apple Store or Google Play, using the keyword CLIC2C®. Start the app and get ready to enjoy new ways to interact with the printed world

Find interactive images containing our visual cues (camera and waves icons).

A CLIC2C® interactive image always contains our camera and waves icon and a keyword. This keyword is useful if your camera doesn't work or you simply prefer not to scan the image. Dozens of publications are already using the technology, search inside your favourite issues. You can try it right now by printing the samples here on your left (remember to print them in real size)

Interact.

Start the CLIC2C® app and scan the interactive image at a distance of 10-15 cm (4-6 inches)

PERFOMANCE

Experience the unmatched performance for the ultimate ride

*Extended tiller handle is optional

MFS30

Video Playback

MFS25

FourStroke

California C.A.R.B three star rating for ultra-low emissions.

5 Year warranty

SMART TECHNOLOGY

Tubular air-intake

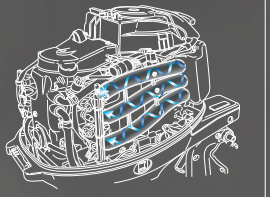
The tubular structure of the air-intake, originally developed by Tohatsu, helps to take necessary airflow into the engine while preventing water from entering into the motor cover.

Engine control unit

The 16 bit ECU precisely controls the fuel injection and ignition timing for 4-stroke engines.

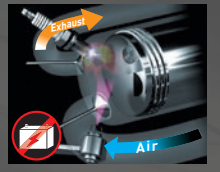
Tuned intake manifold

The tuned intake manifold provides increased low & mid speed torque and quieter operation.



Battery-less electronic fuel injection

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



EFFICIENT

Highly efficient in both fuel and perfomance.

*Extended tiller handle is optional

MFS8

MFS9.8

Video Playback

MFS15

MFS20

Video Playback

FourStroke

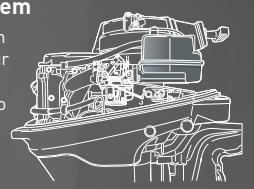
California C.A.R.B three star rating for ultra-low emissions.

5 Year warranty

SMART TECHNOLOGY

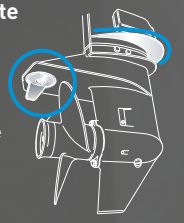
Air-silencer system

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.

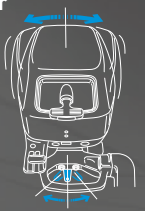


Front shift

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

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)



CONVENIENT

Benefit from its light and compact design and easy-to-use convenient features.

Sail Pro MFS6

A perfect choice for sail boats !

Tohatsu's uniquely designed 6 hp, 4-stroke motor is ideal for sailboats or any marine vessel requiring a 20"/25" shaft outboard motor.
The light and portable also includes a 5 amp/12V charging system, charging cable and a high thrust sail drive propeller.

Built-in 5 amp/12V charging system

Charging cable included

Equipped with the high thrust sail drive propeller

MFS6

Video Playback

MFS5

MFS4

MFS3.5

Video Playback

MFS2.5

FourStroke

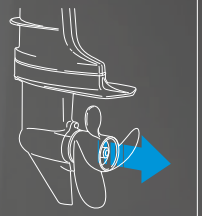
California C.A.R.B three star rating for ultra-low emissions.

5 Year warranty

SMART TECHNOLOGY

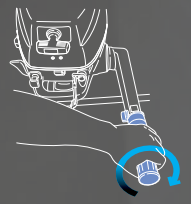
Propeller hub exhaust

Through-the-prop exhaust is used to achieve nice, quiet running conditions.
<6/5/4>



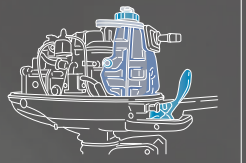
Throttle grip

The twist type throttle control provides quick steering as well as one-handed operation capability.



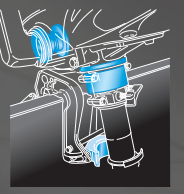
Integral tank

With a built-in fuel tank conveniently located on top, 3.5 and 2.5 becomes ready for cruising quickly and without taking up extra space in the boat. An external fuel fitting also comes standard with the 6/5/4hp models to allow the motor to hook up to a remote fuel tank as well.



Four point dampening system

The specifically designed motor dampening system reduces vibration at all rpm ranges.
<3.5/2.5>



TLDI

SUPERIOR MARINE TECHNOLOGY

Tohatsu uses the highest quality components to provide boaters with a high performance, long-lasting and reliable engine.

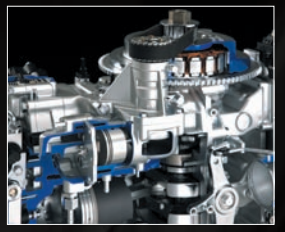
SUPERIOR MARINE TECHNOLOGY

Direct fuel injection into cylinders

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

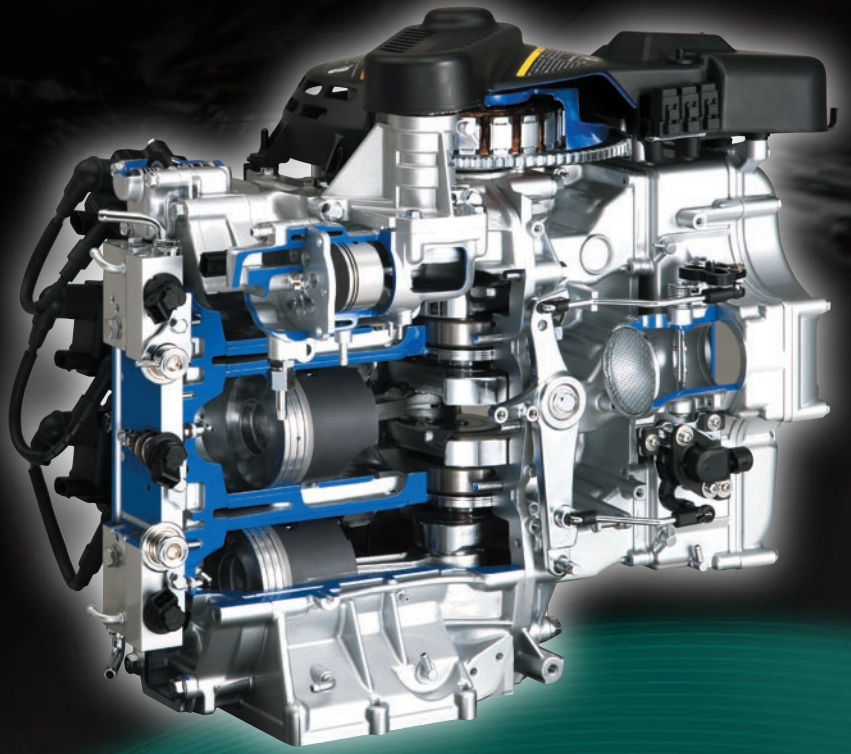
Pistons dedicated to TLDI® outboards

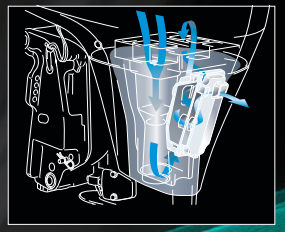
Teflon® coated pistons(Equipped on MD 75/90/115) with a concave shape to the head were specifically designed for TLDI® and significantly increase fuel combustion efficiency



Air compressor

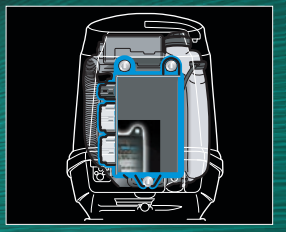
One of TLDI®'s essential engine components that is the driving force in achieving stabilized fuel injection.





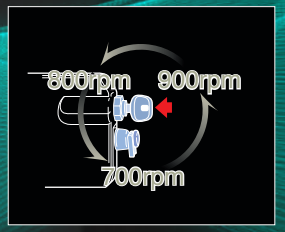
Idle noise reduction system

The exhaust gases and the sound are routed through the labyrinth exhaust. This process reduces the noise level to a minimum when exiting above the waterline through idle port.
<75/90/115hp only>



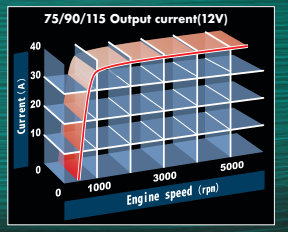
Engine control unit (ECU)

The 32-bit engine control unit controls the fuel injection and ignition timing for TLDI® outboards.



Three step trolling speed control

The idling speed can be set to any of the three rpm ranges, 700, 800 or 900, by adjusting it on your key switch. This feature allows you to select the ideal trolling speed for maneuvering during a variety of current and wind conditions.



High output alternator

Equipped with a high output alternator that produces 37amps of power even at 1,000rpm and a whopping 40amps at wide-open throttle.
<75/90/115hp only>

POWER

Indulge in the exhilarating power and speed.

MD115

MD90

MD75

MD50

MD40

MD35 JetDrive

MD25 JetDrive

California C.A.R.B
three star rating
for ultra-low emissions.

5 Year warranty

Genuine Tohatsu Parts and Accessories

Engine Oil

Genuine Tohatsu Engine Oil is specially formulated to work with all Tohatsu engines, 2-strokes, TLDI and 4-strokes. Tohatsu Genuine Oils contain additional additives and detergents to keep your Tohatsu outboard running at peak performance.

Tohatsu "Complete Advantage" 100% Synthetic 2-storoke Oil

Tohatsu Premium 2-Stroke TC-W3® Oil

Tohatsu 4-Stroke FC-W® Oil

Tohatsu Genuine Lubricants

- Marine Grease
- Fogging Oil
- Fuel Stabilizer
- Gear Lube
- Engine Tuner

Control Boxes

Our Side Mount and Binnacle Mount control boxes are designed to provide remote throttle & shift control for Tohatsu outboards. Side Mount control boxes come standard with all Tohatsu remote control models. Binnacle Mount (top mount) control boxes are available for console mounting.

Side Mount Remote Control Box

Designed for Tohatsu outboards.
Standard features include a fast warm-up lever, Key type ignition switch, an emergency stop switch , choke switch, PTT Switch (as selected models) and 6.3M (21FT) wiring harness.

Description	Models
RC5A	MFS25/30B with PT
RC5B	M40-90hp without PTT MFS15C-30B without PT
RC5C	M8B-40C with electric starter MFS8/9.8A3 with electric starter
RC5D	M4C-40C without electric starter MFS4/5/6/8/9.8 without electric starter
RC5E	M120/140A2
RC5F	MFS40/50A MD40/50/75/90/115(TLDI)

Flush Mount Controls

Single Binnacle Controls

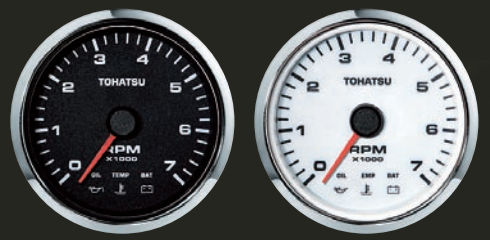
Dual Binnacle Controls

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

Tohatsu dealers and Authorized Service Centers provide only genuine Tohatsu parts and accessories designed to maximize your Tohatsu outboard's performance.

Gauges & Meters

Premium Stylish Gauges
White or black face dial with polished stainless steel bezel, high visibility red pointer and dome glass lens.



Tachometers

These 199mm(4") 7,000 max Tachometer are available with warning lamp.
For MFS40/50 and TLDI warning lamp include: Oil Level, Engine Temperature, Battery.
For 4-Stroke waning lamp include: Low Oil Pressure.
For 4-Stroke Tachometer can be used on all electric start models by using select 4, 6 or 12 pole switch on rear of meter.
All gauges include lead wire, mounting hardware included.

Speedometer

These Speed Meter with in M.P.H. and Km/h. Includes vinyl pipe, sender and hardware.

Trim Gauge

Magnetic type gauge shown angle for optimum performance and efficiency.
2" diameter. Includes installation hardware. For use 2-wire senders.

Water Pressure Meter

Monitors your cooling water pressure. Includes vinyl pipe and installation hardware.

Volt Meter

Monitors your charging system. Includes harness and installation hardware.

Hour Meter

Indicates readout LCD the number of hours your outboard motor has been operated to indicate when periodic services are necessary.

Fuel Gauge

This 2" Fuel Gauge can help you monitor fuel level. Connects easily using your boat's fuel sending unit harness.

Rigging Kits

Multi Function Tiller Handle Kit

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

Steering Lock Kit

Steering Lock Kits include, Steering Lock Plate, Rubber Damper, Bolt, Nylon Nut.

Applicable Models
MFS4/5/6C, 8/9.8A3

Side Mount type Pre-rig kits

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

Pre-rig kits for Side/Flush/ Binnacle Control

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

Specifications

	T L D I								
Model	MD115	MD90	MD75	MD50	MD40	MD35B2 JET	MD25B2 JET	MFS50	MFS40
No. of Cylinder	4	3							
Output	115hp (84.6 kw)	90 hp (66.2 kw)	75 hp (56 kw)	50 hp (36.8 kw)	40 hp (29.4 kw)	35 hp (25.7 kw)	25 hp (18.4 kw)	50 hp (36.8 kw)	40 hp (29.4 kw)
Displacement	1768 cc (107.9 cu.in)	1267 cc (77.3 cu.in)		697 cc (42.5 cu.in)				866 cc (52.9 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)				70 x 75 mm (2.4 x 2.36 in)	
Max. RPM Range	5,150 - 5,850							5,000 - 6,000	
Starting	Electric							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		1:1		2.08:1	
Propeller Selection Range	11" - 21"			7" - 15"		-		7" - 17"	
Transom Height	20", 25"		20"	15", 20"		20"		15", 20"	
Fuel	Unleaded Gasoline (87 Octane)								
Recommended Oil	Tohatsu Premium Outboard Motor Oil								
Fuel Tank	Optional							Optional	
Weight*	392 lbs (178 kg)	337 lbs (153 kg)		205.7 lbs (93.5 kg)		196.2 lbs (89.0 kg)		209 lbs (95 kg)	
Alternator Output	12V, 490W, 40A			12V, 280W, 23A				12V, 252W, 21A	
Model	MD115	MD90	MD75	MD50	MD40	MD35B2 JET	MD25B2 JET	MFS50	MFS40
Electronic Fuel Injection	-	-	-	-	-	-	-	S	S
Direct Fuel Injection	S	S	S	S	S	S	S	-	-
Digital CD Ignition System	-	-	-	-	-	-	-	-	-
Inductive Ignition System	S	S	S	S	S	S	S	-	-
Start In Gear Protection	S	S	S	S	S	S	S	S	S
Thermostat Controlled Cooling System	S	S	S	S	S	S	S	S	S
Through-The-Prop Exhaust	S	S	S	S	S	S	S	S	S
Shallow Water Drive	-	-	-	-	-	S	S	S	S
Oil Pressure Warning	-	-	-	-	-	-	-	-	-
Power Trim and Tilt	S	S	S	S	S	-	-	S	S
Power Tilt	-	-	-	-	-	-	-	-	-
Variable Idle Speed	700, 800, 900 rpm							650, 750, 850, 950 rpm	

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

Four Stroke

MFS30	MFS25	MFS20	MFS15	MFS9.8	MFS8	MFS6 Sail Pro	MFS6	MFS5	MFS4	MFS3.5	MFS2.5
3		2				1					
30 hp (22.1 kw)	25 hp (18.4 kw)	20 hp (14.7 kw)	15 hp (11 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)
526 cc (32.09 cu.in)		351 cc (21.41 cu.in)		209 cc (12.8 cu.in)		123 cc (7.5 cu.in)				85.5 cc (5.2 cu.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)				55 x 36 mm (2.17 x 1.42 in)	
5,250 - 6,250	5,000 - 6,000	5,400 - 6,100	5,000 - 6,000			5,000 - 6,000		4,500 - 5,500		5,000 - 6,000	4,500 - 5,500
Electric & Manual or Manual						Manual					
Remote Control or Tiller Handle						Tiller Handle or Opt. Remote Control				Tiller Handle	
Forward - Neutral - Reverse										Forward - Neutral	
1.92:1		2.15:1		2.08:1		2.15:1					
8" - 14"		7" - 11.5"		5" - 9.5"		6"	7" - 9"			4.5" - 7"	
15", 20"		15", 20"		15", 20", 25"	15",20"	20", 25"	15", 20"				
Unleaded Gasoline (87 Octane)											
Tohatsu 4stroke Outboard Motor Oil											
6.6 US Gal. (25 Lit) Separate Tank		3.2 US Gal. (12 Lit) Separate Tank					3.2 US Gal. (12 Lit.) Separate Tank or 0.3 US Gal. (1.15 Lit.) Integral Tank	3.2 US gal. (12 Lit.) Separate Tank	0.3 US gal. (1.15 Lit.) Integral tank**	0.26 US Gal. (1 Lit) Integral Tank	
161 lbs (73 kg)	114 lbs (51.5 kg)	157.6 lbs (71.5 kg)		81.5 lbs (37 kg)		59 lbs (26.6 kg)	57 lbs (25.6 kg)		58 lbs (26.1 kg)	41 lbs (18.4 kg)	
12V, 180W, 15A		12V, 145W, 12A		12V, 80W, 6A****		12V, 60W, 5A	Opt. 12V, 60W, 5A			N/A	
MFS30	MFS25	MFS20	MFS15	MFS9.8	MFS8	MFS6 SailPro	MFS6	MFS5	MFS4	MFS3.5	MFS2.5
S	S	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-
S	S	S	S	S	S	S	S	S	S	S	S
-	-	-	-	-	-	-	-	-	-	-	-
S	S	S	S	S	S	S	S	S	S	-	-
S	S	S	S	S	S	S	S	S	S	S	S
S	S	S	S	S	S	S	S	S	S	-	-
O	O	S	S	S	S	S	S	S	S	-	-
S	S	S	S	S	S	S	S	S	S	-	-
S	O	-	-	-	-	-	-	-	-	-	-
-	-	O	O	O	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-

TOHATSU
Outboards

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