

SALES INFORMATION

No.22-001, JANUARY 2022



Distribute to: Sales div. Service div. Parts div. Accounting div.

NEW PRODUCT INFORMATION

MFS25/30D(W) Debut

Available from August 2022 Production



MFS25D



MFS30D(W)

✓ **Summary of Characteristics**

- The next generation of MFS25/30D(W) model line-up is completely redesigned to fit a variety of boating applications.
- The battery-less EFI (Electronic Fuel Injection) model is the lightest 3 cylinder 25/30hp on the market, with a weight reduction of almost 20% from its predecessor.
- Best in class Power – Weight Ratio creates excellent performance for all styles of boats from light weight to heavy weight.

SALES INFORMATION

No.22-001, JANUARY 2022



Distribute to: Sales div. Service div. Parts div. Accounting div.

✓ General Specification

Specification	Tohatsu		Mercury	Yamaha		Suzuki	Honda
	MFS25/30C	MFS25/30D	25/30EFI	F30	F25	DF25/30	BF25/30
Engine Type	4-Stroke EFI	4-Stroke EFI	4-Stroke EFI	4-Stroke EFI	4-Stroke EFI	4-Stroke EFI	4-Stroke
Weight (kg/lb)	71.5 (158)	57 (126) 58 (128) w/prop	78 (172)	97 (214)	57 (126)	62 (136)	70.5 (155)
Max. Output kW(PS)	18.4 (25) 22.1 (30)	18.4 (25) 22.1 (30)	22.1 (30)	22.1 (30)	18.4 (25)	18.4 (25) 22.1 (30)	18.4 (25) 22.1 (30)
Max. Operating Range	5,000 - 6,000 (25hp) 5,250 - 6,250 (30hp)	5,000 - 6,000 (25hp) 5,500 - 6,500 (30hp)	5,000 - 6,000 (25hp) 5,250 - 6,250 (30hp)	5,000 - 6,000	5,000 - 6,000	5,000 - 6,000 (25hp) 5,300 - 6,300 (30hp)	5,000 - 6,000
Number of Cylinder	In-line 3	In-line 3	In-line 3	In-line 3	In-line 2	In-line 3	In-line 3
Bore x Stroke	61x60 (2.40x2.36)	61x57 (2.40x2.25)	61x60 (2.40x2.36)	65x75 (2.56x2.95)	65x65 (2.56x2.56)	60x57 (2.38x2.24)	61x63 (2.40x2.50)
Displacement (cc/cu.in.)	526 (32.1)	500 (30.5)	526 (32.1)	747 (45.5)	432 (26.3)	490 (29.9)	552 (33.6)
Alternator Output Charging Capability	12V 180W 15A 15A	12V 210W 17.5A 17.5A	15A 15A	17A 15A	16A -	14A -	- 10A
Gear Ratio	2.17 : 1	2.17 : 1	1.92 : 1	2.00 : 1	2.00 : 1	2.09 : 1	2.08 : 1

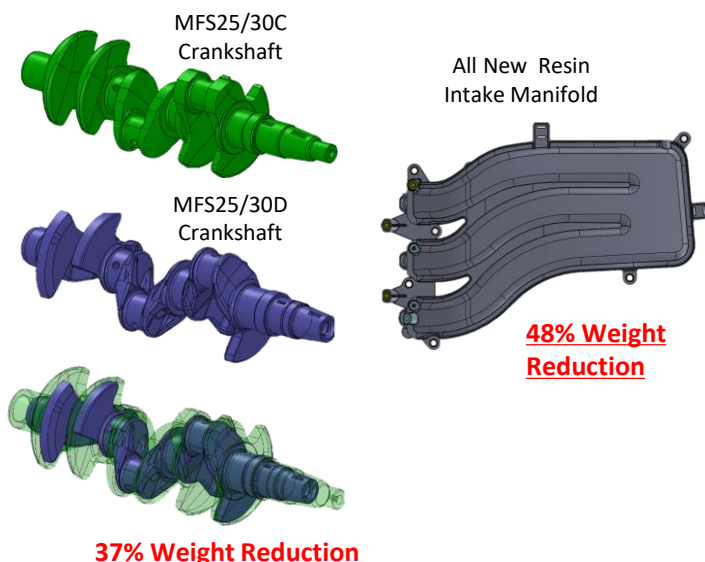
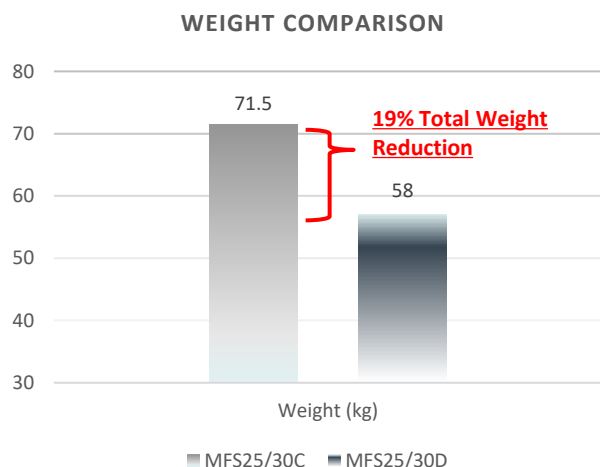
Lightest 3 Cylinder 25/30hp
Highest Alt. Output in Class

✓ Features

Lightest 3 Cylinder 25/30hp

MFS30D(W) is the lightest in the industry. By optimizing the crankshaft and intake manifold, we have managed to reduce the weight of each component by 37% and 48% respectively.

In total, we have managed to **reduce 13.5kg (19%)** by redesigning and optimizing each component



*NB: Data provided are collected and calculated by Tohatsu Engineering Department.

Competitors' specification data is based on their website/brochure information.as of December 31st,2021.

SALES INFORMATION

No.22-001, JANUARY 2022



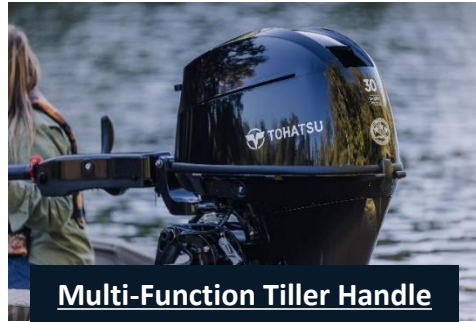
Distribute to: Sales div. Service div. Parts div. Accounting div.

Versatility

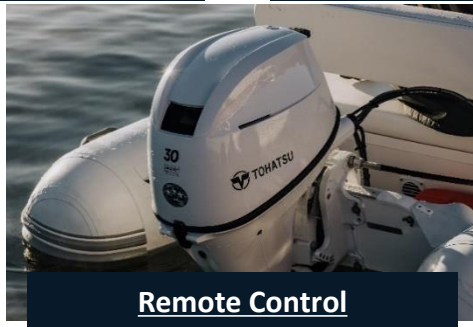
MFS25/30D(W) range of outboards are used for a wide variety of boat types such as Inflatable, RIB, Aluminum Fishing, FRP and/or Pontoon. Provided by a wide variety of options, MFS25/30D(W) will meet whatever configuration you need for your boat.



Basic Tiller Handle



Multi-Function Tiller Handle



Remote Control

Steering Options

Unique to the MFS25/30D, we have redesigned the tiller handle to include a stop switch, a four-step trolling speed control system starting at 750 RPM, forward - neutral - reverse shifter, throttle friction adjustment, and electric start button on certain models. Tohatsu's multi-function tiller handle is also available for multiple model options. The multi-function tiller handle is equipped with 3-position height adjustment with optional accessory to provide 7-position height adjustment. Both basic and multi-function tiller handles have trolling speed control feature. Remote control models are also available.



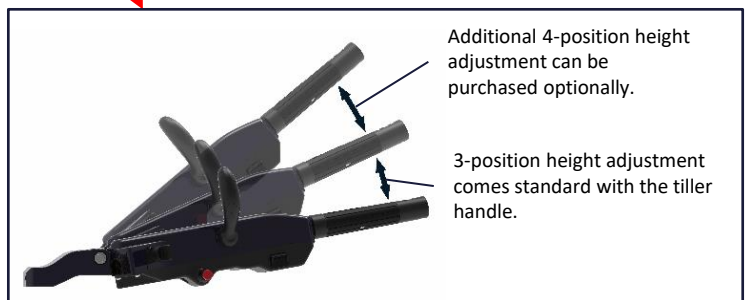
Basic Tiller



Multi-Function Tiller



Remote Control



Additional 4-position height adjustment can be purchased optionally.

3-position height adjustment comes standard with the tiller handle.

SALES INFORMATION

No.22-001, JANUARY 2022

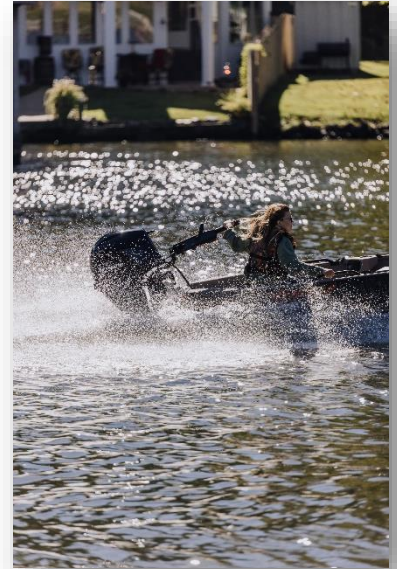
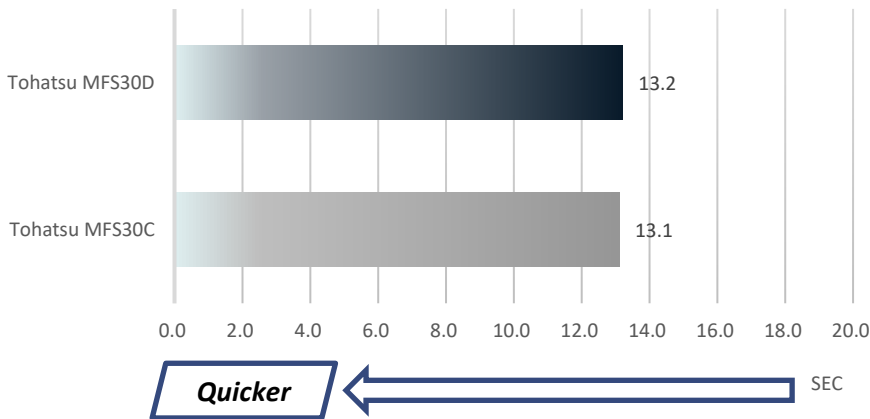


Distribute to: Sales div. Service div. Parts div. Accounting div.

Performance Data (Acceleration)

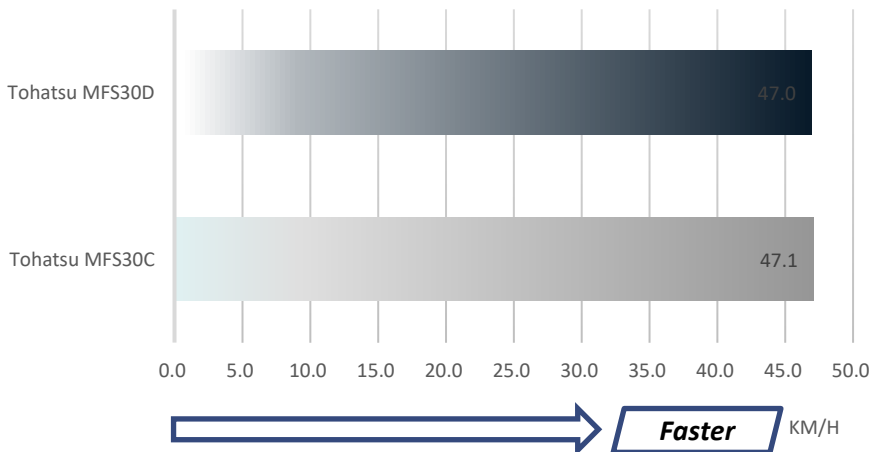
Tohatsu MFS25/30D(W) reduced the weight without sacrificing engine performance

ACCELERATION TIME COMPARISON (0-100M)



Performance Data (Top End Speed)

TOP END SPEED COMPARISON



*NB: Performance Data is based on research done and collected by Tohatsu Engineering Department.

SALES INFORMATION

No.22-001, JANUARY 2022



Distribute to: Sales div. Service div. Parts div. Accounting div.

Improved Features (Maneuverability, Maintenance, Efficiency)

The electric start models include the best in class 17.5 amp high-output charging system. This is achieved by applying stronger magnets on the magneto and a water-cooled rectifier. These improvements produce the highest alternator output without increasing weight.



We have repositioned the engine mount locations and optimized the distance between the upper and lower engine mounts by bringing the upper mount and lower mount forward from the center of driveshaft. Our revamped design reduces vibration and increases maneuverability for a better boating experience as well as serviceability.

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.



SALES INFORMATION

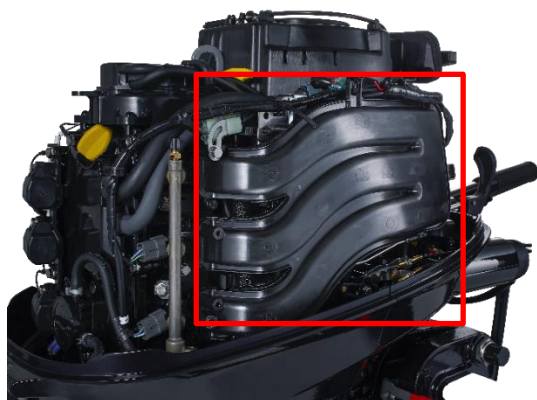
No.22-001, JANUARY 2022



Distribute to: Sales div. Service div. Parts div. Accounting div.

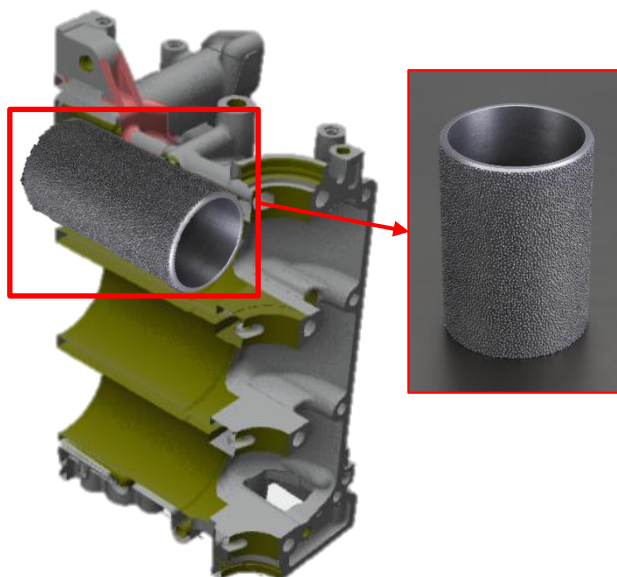
Improved Features (Maneuverability, Maintenance, Efficiency)

The newly designed flywheel creates airflow inside the cowling. This improves the internal air circulation and reduces the temperature of electrical components to maximize reliability.



The intake manifold has been completely redesigned with resin to reduce weight by 48%.

Cylinder liner is now manufactured with a spiny surface to improve heat dissipation and performance.



SALES INFORMATION

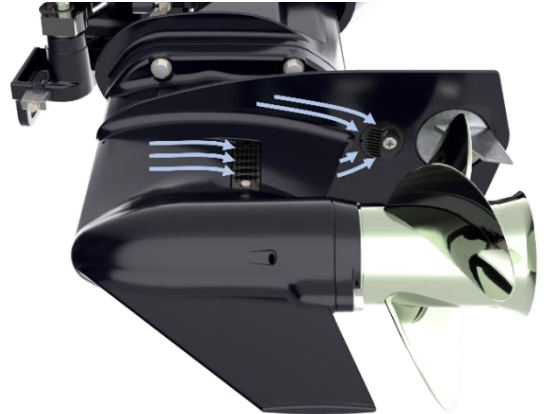
No.22-001, JANUARY 2022



Distribute to: Sales div. Service div. Parts div. Accounting div.

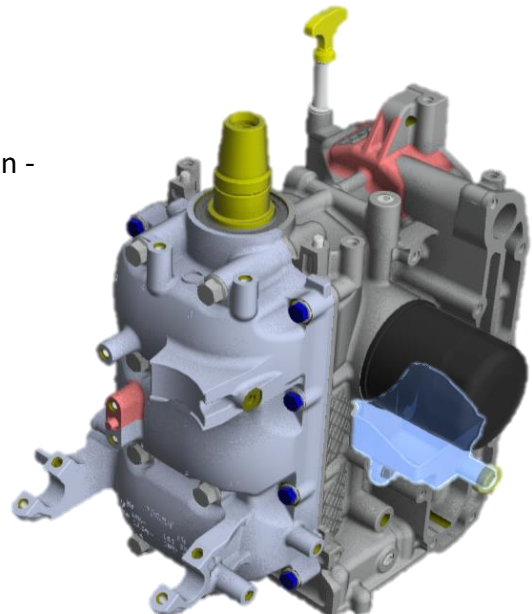
Improved Features (Maneuverability, Maintenance, Efficiency)

The MFS25/30D(W) gear case includes an additional auxiliary water intake port, providing consistent cooling water circulation. This allows the cooling water come up to cool the engine even if the primary water inlet were covered by marine debris.



The newly adopted clear fuel filter with floating indicator ring provides detection of water in the fuel system. Tool-free quick drain valve allows for easy serviceability.

Tohatsu has also included an oil filter drip pan - improving serviceability, reducing waste and keeping an environmentally conscious mindset.



SALES INFORMATION

No.22-001, JANUARY 2022



Distribute to: Sales div. Service div. Parts div. Accounting div.

✓ Summary of Features

- Versatility is important when it comes to find your ideal configuration of boat. The new MFS25/30D is available with variety of model options to fit a wide range of boating applications.
- We have achieved the lightest weight in its class and improved reliability, without sacrificing performance. To deliver a smarter and more exciting boating experience to be embodied.

