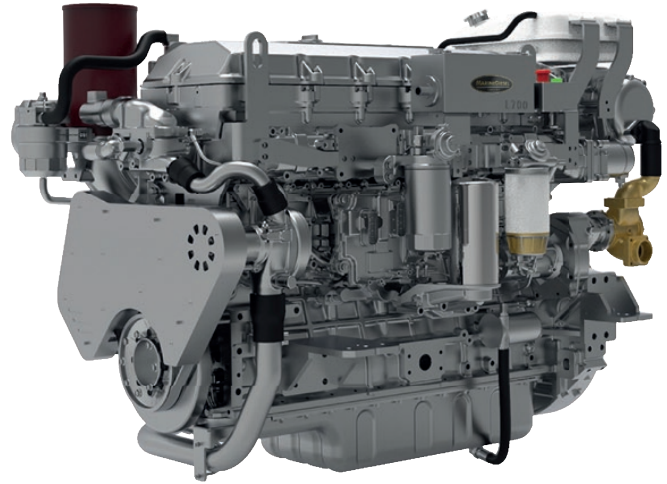


515 kW (700 bhp) @2300 rpm

The Electronic Unit Injection system on the MD700 delivers 700PS from the 12.7 liter in-line 6 cylinder engine.

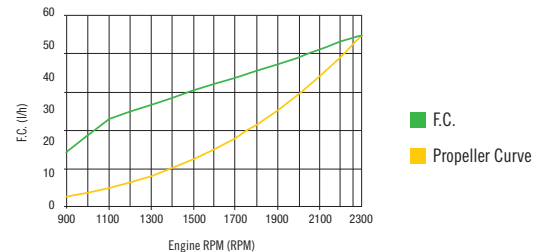
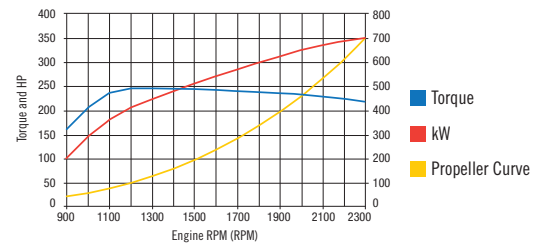
This robustly-designed unit was specifically designed to serve the professional and commercial markets. It has stable performance at high load and responds well to sudden load changes.



Specifications

Propulsion System	Shaftdrive, Waterjet
Engine Duty Rating	Light Duty (S3)
Configuration	4-stroke, 24-valve OHC, WGT with intercooler, Water Cooling
Output {PS (kW)}	700 (515)
Rated RPM	3.800
Cylinders	In-line 6
Displacement {cc}	12.9742
Bore x Stroke {mm}	130 x 160
Compression Ratio	16.0 : 1
Max. Torque	247.5 kg . m @ 1.200 rpm
Injection System	Electronic Unit Injector (EUI)
Alternator	24V-90A
Engine Diagnosis	YES
Max. Fuel Consump. {l/h}	143.4
Dry Weight {kg}	1.320
Flywheel	SAE 14
Flywheel Housing	SAE 1

Power/Torque MD700



Engine

- 6 cylinder in-line, 24-valve OHC
- Cast iron cylinder block and cylinder head
- Gallery oil-cooled long lasting mono steel pistons
- Integrated water jacket
- Single serpentine belt system
- Drive belt auto-tensioner

Engine Mounting

- Adjustable engine mounts (Optional)

Lubrication System

- Gear-driven engine oil pump
- Closed system with forced feeding
- Integrated oil-cooler in cylinder block
- Easily exchangeable oil filter cartridge
- Eco type oil filter
- Electric oil extraction pump

Fuel System

- Electronic Unit Injector (EUI)
- Gear-driven fuel pump
- Electronically controlled injection timing
- Fine fuel filter and water separator
- High pressure six - hole injector nozzles

Electrical System

- 24 volt - 90A alternator
- Auxiliary engine stop button
- Air heating system for a trouble - free cold start
- NMEA2000 Converter (Optional)
- 2 Pole system (Optional)

Cooling System

- Gear-driven seawater pump
- Seawater cooled intercooler, heat exchanger
- Auxiliary connector for cabin heating
- Corrosion resistant material for the seawater circuit
- Easily accessible rear mounted sea-water pump

Instrument Box Assembly

- Engine self protection and diagnosis
- Displays CAN information
- Displays engine diagnostic error codes
- Audible alarm and control lamps
- Idle & PTO rpm adjustable switch

Air Inlet System

- Reusable air filter
- Intake Extension Kit (Optional)

Exhaust System

- Coolant cooled exhaust manifold
- Cast iron exhaust pipe
- WGT (Waste Gate Turbocharger)

Emissions

- IMO Tier-II
- RINA (Type Approval - Yacht)