

MX 6.2 MPI



► Specifications

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FOR **ENGINE**
VIDEO TOUR!

320 HP STERNDRIVE FUEL-INJECTED

▼ Features

- New shift plate designs and cables provide smoother, lower-effort shifting.
- Further enhancing the standard MerCathode® corrosion protection, all Bravo Three® drives feature additional protective anodes on the anticavitation plate and propshaft.
- Sterndrive offerings include Bravo One®, Bravo Two® and Bravo Three.
- MerCruiser® MPI engines with SmartCraft® feature the most sophisticated boat/engine data-management system available. This system monitors up to 64 internal and external functions and continuously adjusts the engine operations for optimum performance.
- The MX 6.2 MPI™ features the powerful ECM 555 for unmatched engine-management capabilities.
- The 555 control module enables boat manufacturers to offer state-of-the-art digital information displays like the Mercury®-exclusive SC5000 System View, a small computer screen that allows the driver to easily monitor and verify real-time engine and boat data.
- Engine Guardian™ proactively monitors and protects your engine from the damaging effects of low oil pressure, high engine temperature, engine over-speed, or low cooling water pressure.
- The Engine Guardian system not only detects and alerts you of an engine problem, it automatically reduces power to a safe level that allows you to continue operating.
- Multiport injection system provides dependable turn-key starts, optimized fuel/air distribution, digital electronic spark advance, idle speed control, and automatic adjustment for atmospheric and elevation changes for reliable performance.
- The multiport fuel injection (MPI) system features high-quality, marine-specific componentry for unmatched performance and increased throttle response.
- MerCruiser-exclusive optional single-point water drain system allows the operator to drain water from the engine from one, easy-to-reach location for convenience.
- The MX 6.2 MPI cooling system heats the exhaust manifolds, thereby reducing the buildup of condensation and decreasing the threat of water ingestion for longer engine life.
- Dry-joint technology reduces the potential for water leakage in exhaust components and improves corrosion resistance in the exhaust system.
- Long-stroke 377CID/6.2L engine customized by MerCruiser for high torque and more horsepower.
- Technologically advanced roller cam design provides a lower friction coefficient, improves low-end torque, offers higher levels of performance, and aids fuel economy.
- High-flow cylinder heads with enlarged intake ports dramatically improve airflow throughout the engine, providing up to 10 – 15 percent greater horsepower output for the same engine displacement.
- Forged-steel crankshaft and special profile roller camshaft for more power and longer life.
- Exclusive easy oil drain system simplifies routine maintenance, allowing engine oil to be drained through a hose that exits through the boat's standard drain plug hole.
- MerCruiser water-cooled and insulated fuel system, which eliminates the need for a return line to the fuel tank, helps keep fuel temperatures down and greatly reduces the potential for vapor lock with today's fuels.
- Remote-mounted oil filter places the oil filter within easy reach for simple, clean oil changes. Along with the easy drain oil system, MerCruiser MPI engines bring simplified maintenance to a new level.
- Audio Warning System is mounted under the dash near the driver making it easier to hear at higher speeds. This system alerts the operator of low oil pressure, high engine temperature, excessive transmission temperature (inboards), and low drive lubricant (sterndrives).
- MerCruiser MPI models feature platinum-tipped spark plugs for extended life and less routine maintenance.
- Color-coded service points for easy identification of key service areas (yellow – engine oil; black – drive oil; blue – engine coolant; brown – power steering fluid).
- One-piece serpentine belt means easier servicing, less maintenance, unsurpassed belt life, and requires fewer horsepower to drive the engine accessories.
- 3-year/300-hour maintenance interval for most scheduled maintenance on all gas models. Some scheduled and routine maintenance is required more frequently as specified in the engine owner's manual.
- All MerCruiser gasoline engines (500 hp or less) are designed to run on regular 87-octane fuel, instead of premium, making them less expensive to operate.
- Mercury Propellers® offers a line of 3-, 4-, and 5-blade propellers engineered specifically for MerCruiser sterndrives. With 14 unique aluminum and stainless steel propeller styles and over 200 pitch options, it's easy to find the right propeller.
- Easy-access drive lube monitor on all gas sterndrive engines allows the drive lubricant to be checked from inside the boat and is electronically monitored through the Audio Warning System (except 3.0L) – or Engine Guardian (SmartCraft models).
- Maintenance-free Permalube® U-joints eliminate the need for periodic lubrication. Now standard on the Alpha®, Bravo One, Bravo Two, and Bravo Three drives.
- Greasable drive coupler can be lubricated from inside the boat, simplifying routine maintenance.
- Through-prop exhaust buries noise underwater for a quieter ride.
- All Mercury® engines include a 3-year limited corrosion failure warranty.

► **Features**

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Specifications

HP	320
kW	239
SmartCraft	Yes
Displacement Liter/CID	6.2/377
Cylinder/Configuration	V-8
Bore & Stroke (in)	4.0 x 3.75
Bore & Stroke (mm)	101 x 95
Compression Ratio	9.0:1
Fuel System	MPI
Full-Throttle RPM Range	4800 – 5200
Ignition System	ECM 555
Alternator Amp	65
Alternator Watt	917
Length (in/mm)	32/814
Width (in/mm)	30/740
Height (in/mm)	22/559
Drive Options	Bravo One, Bravo Two, Bravo Three
Total Weight (lb/kg)	Bravo One: 993/451
Total Weight (lb/kg)	Bravo Two: 1010/459
Total Weight (lb/kg)	Bravo Three: 1019/463
Drive/Gear Ratios (primary/optional/high-altitude)	Bravo One: 1.65/1.36/1.5/-:1
Drive/Gear Ratios (primary/optional/high-altitude)	Bravo Two: 2.2/2.0/-:1
Drive/Gear Ratios (primary/optional/high-altitude)	Bravo Three: 2.2/2.0/2.43:1
Audio Warning System	Standard (Engine Guardian)
Ceramic- and EDP-Coated Exhaust Elbows	Standard
Closed-Cooling	Kit
Color-Coded Service Points	Standard
Easy Oil Drain System	Standard
EDP-Coated and Painted Exhaust Manifold(s)	Standard
Knock Control	Standard
MerCathode	Standard
Platinum-Tipped Spark Plugs	Standard
Power Steering	Standard
Remote Oil Filter	Standard
Risers 3"	Optional
Serpentine Belt	Standard
Water-Cooled Fuel System	Standard
Water Drain System	Standard: Three-point manual drain system with blue hand-removable plugs. Optional: Air-actuated, single-point drain system. Hand air pump included with engine. Optional: Multiple hand-removable drain plugs located on port, starboard and front of engine
Water/Fuel Separator	Standard

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Option availability determined by boat manufacturers within their boat model offerings.
All models and specifications are subject to change without notice or incurring obligation to modify previously manufactured products.

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