

# MX 6.2 MPI HORIZON



► **Specifications**

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## 320 HP INBOARD FUEL-INJECTED

▼ **Features**

|   |   |
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| <ul style="list-style-type: none"> <li>• Horizon™ engines feature 3 years of factory-backed product protection (standard 1-year warranty plus 2 years of extended Mercury Product Protection through the Mercury factory-administered program).</li> <li>• 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.</li> <li>• The MX 6.2 MPI™ features the powerful ECM 555, for unmatched engine-management capabilities.</li> <li>• 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.</li> <li>• The multiport fuel injection (MPI) system features high-quality, marine-specific componentry for unmatched performance and increased throttle response.</li> <li>• 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.</li> <li>• 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.</li> <li>• 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.</li> <li>• Technologically advanced roller cam design provides a lower friction coefficient, improves low-end torque, offers higher levels of performance, and aids fuel economy.</li> <li>• 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.</li> <li>• Dry-joint exhaust system eliminates a potential leak path, reduces buildup of condensation and decreases the threat of water ingestion for longer engine life.</li> <li>• MerCruiser-exclusive air-actuated single-point water drain system allows the operator to drain water from the engine from one, easy-to-reach location for convenience.</li> <li>• Forged-steel crankshaft and special profile roller camshaft for more power and longer life.</li> </ul> | <ul style="list-style-type: none"> <li>• Standard closed-cooling system (with 5-year service interval for coolant) offers the ultimate in corrosion protection.</li> <li>• Long-stroke 377CID/6.2L engine customized by MerCruiser for high torque and more horsepower.</li> <li>• 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).</li> <li>• Freshwater flushing system reduces maintenance time since a garden hose attaches to a special top-mounted fitting.</li> <li>• Top-mounted starter is mounted up high away from bilge water for dependable starting and extended starter life.</li> <li>• Neutral safety start switch permits starting only when transmission is in neutral.</li> <li>• Remote water-separating fuel filter ensures dependable starts and performance by removing water and solid particles from fuel before they reach the fuel system.</li> <li>• 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.</li> <li>• 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.</li> <li>• One-piece serpentine belt means easier servicing, less maintenance, unsurpassed belt life, and requires fewer horsepower to drive the engine accessories.</li> <li>• Platinum-tipped spark plugs and high-temperature spark plug wires ensure longer life and quick, trouble-free starting.</li> <li>• 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.</li> <li>• 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.</li> <li>• All Mercury® engines include a 3-year limited corrosion failure warranty.</li> </ul> |
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|   |  |
|---|--|
| <b>HP</b>   | 320  |
| <b>kW</b>   | 239  |
| <b>SmartCraft</b>                                 | Yes  |
| <b>Displacement Liter/CID</b>                     | 6.2/377  |
| <b>Cylinder/Configuration</b>                     | V-8  |
| <b>Bore &amp; Stroke (in)</b>                     | 4.0 x 3.75   |
| <b>Bore &amp; Stroke (mm)</b>                     | 101 x 95   |
| <b>Compression Ratio</b>                          | 9.0:1  |
| <b>Fuel System</b>                                | MPI  |
| <b>Full-Throttle RPM Range</b>                    | 4600 – 5000  |
| <b>Ignition System</b>                            | ECM 555  |
| <b>Alternator Amp</b>                             | 65   |
| <b>Alternator Watt</b>                            | 917  |
| <b>Length (in/mm)</b>                             | 43/1092  |
| <b>Width (in/mm)</b>                              | 30/740   |
| <b>Height (in/mm)</b>                             | 22/559   |
| <b>Total Weight (lb/kg)</b>                       | 948/431  |
| <b>Transmission Options/Ratios</b>                | Velvet Drive 72C: 1.0:1  |
| <b>Transmission Options/Ratios</b>                | Velvet Drive 5000A: 1.5/2.0/2.5/2.8:1  |
| <b>Transmission Options/Ratios</b>                | Velvet Drive 5000V: 1.5/2.0/2.5:1  |
| <b>Transmission Options/Ratios</b>                | ZF Drive 63 A: 1.5/2.0/2.5/2.7:1   |
| <b>Transmission Options/Ratios</b>                | ZF Drive 63 IV: 1.5/2.0/2.5:1  |
| <b>Audio Warning System</b>                       | Standard (Engine Guardian)   |
| <b>Ceramic- and EDP-Coated Exhaust Elbows</b>     | Standard   |
| <b>Closed-Cooling</b>                             | Standard – With Long-Life Coolant  |
| <b>Color-Coded Service Points</b>                 | Standard   |
| <b>EDP-Coated and Painted Exhaust Manifold(s)</b> | Standard   |
| <b>Engine Flush Port</b>                          | Standard   |
| <b>High-Mounted Starter</b>                       | Standard   |
| <b>Knock Control</b>                              | Standard   |
| <b>Platinum-Tipped Spark Plugs</b>                | Standard   |
| <b>Remote Oil Filter</b>                          | Standard   |
| <b>Risers 3" and 6"</b>                           | Optional   |
| <b>Serpentine Belt</b>                            | Standard   |
| <b>Water-Cooled Fuel System</b>                   | Standard   |
| <b>Water Drain System</b>                         | Air-actuated, single-point drain system – hand air pump included with engine |
| <b>Water/Fuel Separator</b>                       | Standard   |

#### EFFECTIVE JULY 2003

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.