

# 350 MAG MPI HORIZON



► **Specifications**

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FOR **ENGINE**  
**VIDEO TOUR!**

## 300 HP STERNDRIVE FUEL-INJECTED

▼ **Features**

<ul style="list-style-type: none"> <li>• New shift plate designs and cables provide smoother, lower-effort shifting.</li> <li>• Further enhancing the standard MerCathode® corrosion protection, all Bravo Three® drives feature additional protective anodes on the anticavitation plate and propshaft.</li> <li>• Sterndrive offerings include Bravo One®, Bravo Two® and Bravo Three.</li> <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) and a 3-year limited warranty against corrosion failure.</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 350 MAG MPI Horizon features the powerful ECM 555, for unmatched engine-management capabilities and the availability of SmartCraft integrated systems.</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>• 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>• Multiport injection system provides added horsepower and low-end torque, increased fuel economy, precise fuel/air mixture to each cylinder for reduced emissions and improved driveability, and turn-key starting.</li> <li>• The MerCruiser multiport fuel injection (MPI) system features high-quality marine-specific componentry for unmatched performance and increased throttle response.</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>• 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>• Standard closed-cooling system (with 5-year service interval for coolant) offers the ultimate in corrosion protection.</li> <li>• 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.</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> </ul>	<ul style="list-style-type: none"> <li>• Remote-mounted oil filter places the oil filter within easy reach for simple, clean oil changes. Along with the easy oil drain system, MerCruiser MPI engines bring simplified maintenance to a new level.</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>• Color-coded service points for easy identification of key service areas (yellow – engine oil; black – drive oil; blue – engine coolant; brown – power steering fluid).</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>• MerCruiser MPI models feature platinum-tipped spark plugs for extended life and less routine maintenance.</li> <li>• Water-cooled and insulated fuel system helps keep fuel temperatures down and greatly reduces potential of vapor lock for added reliability on today's higher-horsepower fuel-injected engines.</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>• 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 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>• 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.</li> <li>• All Mercury® engines include a 3-year limited corrosion failure warranty.</li> <li>• Drive fluid level is easily checked through the translucent bottle design and is electronically monitored through the Audio Warning System (optional on 3.0L) or the SmartCraft monitor (SmartCraft models only).</li> <li>• Greasable drive coupler can be lubricated from inside the boat, simplifying routine maintenance.</li> <li>• Maintenance-free Permalube® U-joints eliminate the need for periodic lubrication. Now standard on the Alpha®, Bravo One, Bravo Two, and Bravo Three drives.</li> <li>• A brass seawater pump provides increased protection from corrosion for longer engine life and less overall maintenance.</li> </ul>
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► **Features**

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## 300 HP STERNDRIVE • FUEL-INJECTED

### Specifications

HP	300
kW	224
SmartCraft	Yes
Full-Throttle RPM Range	4600 – 5000
Displacement Liter/CID	5.7/350
Cylinder/Configuration	V-8
Bore & Stroke (in)	4.0 x 3.48
Bore & Stroke (mm)	101 x 88
Compression Ratio	9.4:1
Fuel System	MPI
Ignition System	ECM 555
Alternator Amp	65
Alternator Watt	917
Length (in/mm)	32/813
Width (in/mm)	30/740
Height (in/mm)	22/559
Drive Options	Bravo One, Bravo Two, Bravo Three
Total Weight (lb/kg)	Bravo One: 1044/475
Total Weight (lb/kg)	Bravo Two: 1061/482
Total Weight (lb/kg)	Bravo Three: 1070/486
Drive/Gear Ratios (primary/optional/high-altitude)	Bravo One: 1.5/1.36/1.65:1
Drive/Gear Ratios (primary/optional/high-altitude)	Bravo Two: 2.0/1.81/2.2:1
Drive/Gear Ratios (primary/optional/high-altitude)	Bravo Three: 2.0/1.81/2.2:1
Audio Warning System	Standard (Engine Guardian)
Ceramic- and EDP-Coated Exhaust Elbows	Standard
Closed-Cooling	Standard
Color-Coded Service Points	Standard
Compact Hydraulic Steering	Optional
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	Bravo Standard: Air-actuated, single-point drain system – hand air pump included with engine
Water/Fuel Separator	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.

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