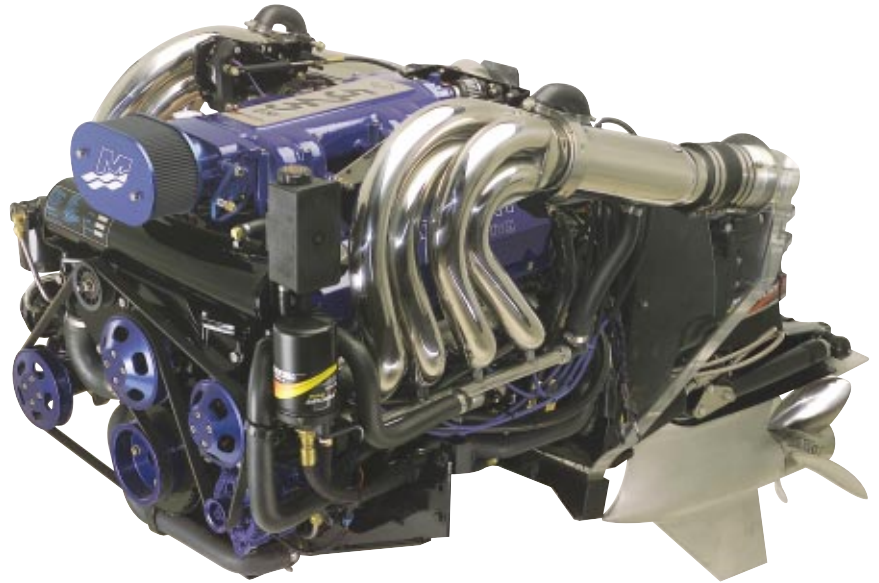


► **Specifications**

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525 HP STERNDRIVE EFI



▼ **Features**

<ul style="list-style-type: none"> • Precision CNC-machined 502 CID cast-iron cylinder block. • Custom Edelbrock® aluminum cylinder heads, designed exclusively for Mercury Racing®, enhance torque and overall performance. 	<ul style="list-style-type: none"> • A thermostatically controlled, high-capacity oil cooler raises engine oil temperatures faster and keeps them more consistent. • A hydraulic roller camshaft and an idle air valve, located at the rear of the intake plenum, work in concert to improve engine idle quality.
<ul style="list-style-type: none"> • Advanced, factory-installed closed-cooling system features 5-year coolant for reduced maintenance and increased corrosion protection. 	<ul style="list-style-type: none"> • Standard with 1.26:1, 1.35:1 or 1.50:1 gear ratio Bravo One XR™ drive in either right-hand or left-hand rotation.
<ul style="list-style-type: none"> • The SmartCraft® PCM 555 microprocessor optimizes fuel control for each cylinder independently, enhancing engine running quality and performance. 	<ul style="list-style-type: none"> • Dual-water pickup gearcase housing standard with Bravo One XR drive. Optional low-water pickup housing is also available.
<ul style="list-style-type: none"> • 65-amp (917-watt) charging system. 	<ul style="list-style-type: none"> • Bravo One XR Sport Master gearcases, available in standard and short models, reduce drag for enhanced overall boat performance in select applications.
<ul style="list-style-type: none"> • Forged 4340 steel, fully machined and shot-peened Mercury Racing connecting rods. 	<ul style="list-style-type: none"> • Integrated Transom System (ITS) available with Bravo One XR and Bravo One XR Sport Master drives.
<ul style="list-style-type: none"> • Forged-aluminum pistons, designed by Mercury Racing, for maximum strength and durability. 	<ul style="list-style-type: none"> • The Dry-Sump Six drive is available on a custom build-to-order status.
<ul style="list-style-type: none"> • Multiport fuel injection system incorporates a high-flow throttle body and flame arrestor developed exclusively by Mercury Racing. 	
<ul style="list-style-type: none"> • Water-cooled fuel system works in concert with a low-pressure and high-pressure fuel pump to keep fuel temperatures at optimum levels while reducing the potential for vapor lock with today's fuels. 	

► **Features**

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525 HP STERNDRIVE • EFI

▼ **Specifications**

Horsepower (HP/kW)	525/410
Full-Throttle RPM Range	4800 – 5200
Displacement Liter/CID	8.2/502
Bore & Stroke (in)	4.47/4.00
Bore & Stroke (mm)	114/102
Compression Ratio	8.75:1
Cylinders	V-8
Alternator Amp	65
Alternator Watt	917
Ignition System	PCM 555 distributorless
Fuel System	MPI
Fuel Requirements	87 Posted Octane (R+M)/2, (92 RON) International
Transmission	(Six) w/Huber 600 Series
Drive Options	Bravo One XR, Bravo One XR Sport Master, Bravo One Short Sport Master, Bravo One XR w/ITS, Bravo One XR Sport Master w/ITS, Bravo One XR Short Sport Master w/ITS, or Dry-Sump Six w/Huber 600
Drive Gear Ratios	Bravo One XR (Standard or Short 1.26, 1.35, 1.50:1) Dry-Sump Six – 1.24, 1.35, 1.50, 1.61:1 Bravo One XR Sport Master (Standard or Short)
Length (in/mm)	39.5/1003
Width (in/mm)	34/864
Height (in/mm)	24/610
Weight (lb/kg)	1201/545
Warranty	1-Year Ltd. for Recreational Boating/3-Year Ltd. Corrosion
SmartCraft	Yes

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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