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Boat Details

Price	POA	Boat Brand	Mercury
Model	600 SCi Racing Sterndrive	Length	0.00
Year	2024	Category	Boat Engines and Outboards
Hull Style		Hull Type	
Power Type		Stock Number	0
Condition	New	State	Western Australia
Suburb	CANNING VALE	Engine Make	Mercury

Description

Mercury 600 SCi Sterndrive - The 600 SCi was the first Mercury Racing sterndrive engine package certified for sale in the European Union (EU). The popular engine, packed with Mercury Racing exclusive components, meets the emissions requirements as set forth in the EU Recreational Craft Directive (RCD) 94/25/EC amended by 2003/44/EC. The engine also meets requirements of the Electromagnetic Compatibility Directive 89/336/EC. The certification expands the availability of the 600 SCi sterndrive engine package to all countries that fall under the EU's RCD.

The 600 SCi engine continues Mercury Racing's heritage of producing engines packed with state-of-the-art technology that delight customers with outstanding performance.

The engine outperformed the larger displacement Ilmor MV10-625 in a recent Speedboat Magazine® shoot-out featuring identically rigged Outerlimits 39 Quatro vee-bottom hulls.

The Mercury exclusive Propulsion Control Module (PCM) microprocessor, combined with a 3.3 Liter Lysholm® screw type supercharger, roller camshaft and sequential fuel injection for impeccable idle quality, instant throttle response and unmatched performance throughout the engine operating range. Available with Bravo One XR, NXT¹® or NXT¹® SSM drive options.

KEY FEATURES

- Active torque management via an electronic boost bypass control valve ensures consistent 600 horsepower in a variety of conditions and environments.
- New power steering reservoir provides higher volume and less flow resistance for multi-engine installations.
- Larger 5/8 ID oil lines increase oil flow through the filter & cooler for enhanced engine protection.

RELIABILITY

- "Cool collar" Sweeper Headers feature a new alloy for enhanced saltwater corrosion resistance and durability.
- The intercooler is made of copper-nickel alloy called "CuproNickel" for excellent corrosion resistance.

PERFORMANCE

- Lysholm 3.3 Liter screw type supercharger featuring Mercury Racing's front drive housing.
- Mercury PCM microprocessor optimizes fuel and spark timing for each cylinder independently for enhanced engine running quality.
- SmartCraft Engine Guardian continually monitors engine conditions to protect against potential damage
- Knock control - engine monitors for knock continuously
- Piston design enhances fuel economy.
- One coil per cylinder for ultimate in engine ignition management (1075 SCi feature).

EASY OWNERSHIP

- Closed cooling system
- To improve packaging and reduce fuel connections, a custom billet housing was created to accommodate the fuel pressure regulator and water separating fuel filter.

TECHNOLOGY

- Custom designed high flow throttle body features twin 2.9 inch throttles and is integral to the boost bypass loop.
- Features active torque management via PCM's electronic boost bypass control valve.
- Higher fuel pressure demands are met with a new electric fuel pump. The engine is also equipped with fuel cooling and a mechanical pump to combat vapor lock.
- Custom Edelbrock aluminum cylinder heads designed exclusively for Mercury Racing for enhanced torque and overall performance
- New induction alloy Micro Alloy crankshaft features larger journal radii for enhanced strength and durability.
- New connecting rods are longer and feature a floating wrist pin.
- SmartCraft PCM microprocessor
- 14-pin Deutsch connector engine harness. Ignition and SmartCraft wiring are included in one connector.
- Available in an array of custom color options in addition to the standard Mercury Racing blue metallic.

Features

Horse Power (hp) 600

Engine Details

Engine Make

Horse Power

Mercury

600