



# Mercury MerCruiser® at the heart of better boating

Imagine. Leaving worry, stress and intimidation onshore.

Being in complete control of your vessel. Feeling absolute freedom the moment you hit the throttle. Maintaining your boat less often with zero aggravation. Knowing wherever you go, the world's largest marine dealer network is close by.

That is what we like to call better boating.

With MerCruiser at the heart of your boat, it's no longer a figment of your imagination. That's because everything we do – from product

innovations to dealer support – is supported by a simple motivation: To make boating easier, more enjoyable and just plain better – no matter how you choose to spend your time on the water.

That commitment has made us a marine leader for over 60 years and the recipient of numerous prestigious awards. But more importantly, we use that experience to build better experiences. So next time you're looking for a new boat, make sure to look within. Because MerCruiser is at the heart of better boating.

## a certifyable better boat

The Installation Quality Certification Program was developed to recognize MerCruiser Boatbuilder customers who have achieved higher manufacturing standards. It is the first and only comprehensive manufacturer-installation certification program in the industry.



Certification applies leading-edge methodologies to create:

- Efficiencies and best practices specific to engine installation
- World-class assembly and component specifications
- Efficient installation processes
- Industry standard end-of-line test procedures

Boat manufacturers that successfully complete the rigorous programme earn Installation Quality System Certified Manufacturer status and receive an additional year of Mercury limited factory warranty coverage on their MerCruiser-powered boats that are registered on and after their certification date for <u>all worldwide registrations</u>.





# take **good care** of your engine

When you've made an investment in a beautifully engineered Mercury MerCruiser engine, it makes sense to keep it that way and protect your warranty by only using genuine Quicksilver parts, accessories and maintenance products. Quicksilver is the most respected name in the marine after-market, world-wide, because all of its products are specifically developed for the marine environment. Demand your dealer uses only Quicksilver products!

## **before** the boating season

### >> pre-season preparations

The pre-season time is the most exciting time of the year. Boats are taken out of the garage and you start preparing your boat for the next summer. Quicksilver offers a complete range of products to prepare your engine and boat to be in perfect shape for a season full of boating excitement.

### during the boating season

You want to try something new? Visit your Mercury MerCruiser dealer and discover Quicksilver's wide range of water sports accessories.

## after the boating season

### >> winterizing

After a season full of boating fun, your engine needs a winter break. Autumn is the perfect time to prepare your boat and engine for winter storage. Quicksilver offers the broadest range of winterizing products to keep your boat and engine in perfect shape during winter time. Visit your dealer and go to www.quicksilverwinterization.com to learn about our winterizing promotion campaigns.

What drives you ?	
Sterndrive Engines and Sterndrives	
Sterndrive Engines	
► Turn-Key Starting (TKS)	
► Multi-Point Injection (MPI) & MAG	-
Specialities	
► DTS®	
► Axius®	
► Axius® Premier	
► SeaCore® system	
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► Emissions Control	14
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## what drives you?

Nothing is more exciting than choosing the perfect boat. But before you start mulling over colors and cupholders, take a moment to think about what's at the center of your boat – your propulsion system. Though it's something you rarely see, no other part of your boat has more infl uence on your ownership experience. In fact, the right choice can deliver the power and performance you crave, the safety and peace of mind you need and all the innovative technologies that make piloting simple and intuitive. And the right choice is always MerCruiser.® With the widest range of performance and convenience options available, MerCruiser is sure to have the perfect propulsion and technology systems for you. Because MerCruiser does more than just move your boat. It drives you.







## Pure water enjoyment.

Enjoy water sports, fishing or cruising with a runabout powered by a TKS or MPI engine paired with our popular Alpha® sterndrive.

#### Family fun.

Swim, cruise or ski with a larger MAG-powered runabout equipped with DTS and Smart Tow™ matched with our premium Bravo® Three sterndrive.

#### Wicked moves.

Love water sports? Then equip your new wakeboard boat with the precise pulling power of a Scorpion Tow Sports Inboard.







#### **Full-throttle thrills.**

Experience spinetingling excitement with a new MAG-powered performance boat coupled to our high-performance Bravo One® sterndrive.

## Creature comforts on the water.

With Axius, featuring a pair of special Bravo Three® sterndrives, and SeaCore, your cruiser is built to deliver a top-of-the-line experience.

## Ultimate in water recreation.

Power your large cruiser with the reliability and performance of twin Horizon inboards or Cummins MerCruiser Diesels with Zeus™ pod drives.

## **Sterndrive Engines**

MerCruiser offers a full line of sterndrive engines from 135 to 430 HP. From our exclusive carbureted TKS models to our MPI fuel injected offerings, there's a MerCruiser engine that's just right for your style of boating.

## All sterndrive engines feature

#### ► ANTIFEEDBACK POWER STEERING FOR NIMBLE, RESPONSIVE HANDLING

#### ► EASY-ACCESS DRIVE LUBE MONITOR

Easily accessed on all petrol sterndrive engines, the drive lubricant can be checked and refilled from inside the boat. Drive lube level is also electronically monitored through Engine Guardian or Audio Warning System.

#### **► EASY OIL DRAIN SYSTEMS**

Changing your boat's engine oil has never been easier or faster. Our easy oil drain system is standard on all petrol sterndrive models.

#### ► POWER TRIM XD

Couples precise trim position with drive protection to cushion the drive unit during impact. A hydraulic memory system returns the drive to the previous trim position so you maintain steering control.

#### ► AUDIO WARNING SYSTEM

Our audio warning system warns you of low oil pressure, high engine temperature, excessive transmission temperature (inboards), and low drive lubricant (sterndrives). Standard on all petrol models.



MerCruiser Turn-Key-Start (TKS) carbureted engines ranging from 135 HP to 190 HP

The MerCruiser TKS system utilizes a redesigned carburetor with an automatic fuel-enrichment system instead of a traditional choke. TKS produces instant, effortless starts at the turn of a key – even in cold weather. Turn-Key Start is now standard on all carbureted engines.

The Alpha Water Drain system is a feature that is easy to access and operate. It's available on all TKS models coupled to the Alpha® drive.





## **MPI & MAG**

3.0 MPI • 4.3 MPI • 5.0 MPI • 350 MAG • 377 MAG 8.2 MAG • 8.2 MAG HO

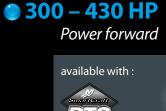
## MerCruiser Multi-Point Injected (MPI) Sterndrive engines ranging from 135 HP to 260 HP

Every new petrol Multi-Point fuel Injected (MPI) engine comes complete with our performance-enhancing SmartCraft technology which monitors and fine-tunes your engine for maximum efficiency thanks to features such as Multi-Point fuel Injection and Engine Guardian. The result is a powerful combination of protection and performance. The Alpha Water Drain system is a feature that is easy to access and operate. It's available on all SmartCraft MPI models coupled to the Alpha® drive.

MerCruiser MAG series engines ranging from 300 HP to 430 HP are known in the MerCruiser family as the smart performers – combining powerful, exciting performance with intelligent technologies that make owning a boat easy. MAG engines also come standard with Engine Guardian™ which watches over your engine and alerts you to potential problems.

Advanced computer controlled fuel and ignition systems ensure reliable starts and responsive performance.







See pages 8, 9 for details

SEACORE

See page 10 for details.









DTS is available on 5.0 MPI • 350 MAG • 377 MAG 8.2 MAG • 8.2 MAG HO • 5.7 MPI • 5.7 Horizon 6.2 MPI • 6.2 Horizon • 8.2 Horizon • 8.2 HO Scorpion 350

## **Digital** Throttle & Shift

Brings the precision of digital, fly-by-wire technology for instantaneous throttle response and silky smooth shifting.



#### Standard features include:

- ► Maintenance-free design uses no cables
- ► Integrated safety features protect engine and drive system
- ▶ Docking mode for more precise low-speed control
- ► Auto Sync for multiple engines
- ► Selectable single-lever control for throttle and shift
- ▶ Push button throttle-only mode for warm-up



Axius is available on 5.0 MPI • 350 MAG • 377 MAG 8.2 MAG • 8.2 MAG HO

## MerCruiser Axius joystick docking. Who's in charge? You are.

With the Axius system you can control power and location with your fingertips. Need to go to the right? Push the joystick to the right. Hard and fast to the left? Push the joystick further to the left. With the Axius system the thrust is proportional to the amount of joystick movement – so the more you push the joystick in a particular direction, the more thrust is applied. All without the need of costly bow and stern thrusters. This proportional control makes docking easy and intuitive.



Simply twist the Axius joystick to turn to the boat around. Perfect for changing your direction in tight spaces.



Move the Axius joystick to the left, right or at any angle to move your boat precisely at your control.



Move the Axius joystick toward the bow or stern of the boat to move directly forward or backward.



## **AXIUS** has gone **PREMIER**

#### More options. More control.

With either Axius or Axius Premier to choose from, you now have more options when it comes to enjoying leading edge, intuitive sterndrive control. In addition, it's important to remember that a boat package with either Axius or Axius Premier raises the overall value during the initial purchase and at resale.

#### See how they compare.

Take a quick look at how the two levels of Axius technology compare.

	MerCruiser, VIUS	Mercruiser.  XIUS  PREMIER
Joystick Control System	•	•
Docking Mode	•	•
SmartCraft® Digital Throttle & Shift	•	•
Auto Yaw Control*		•
Auto Pilot		•
Auto Heading		•
Skyhook™		•
VesselView <sup>®</sup>		•

<sup>\*</sup> It adjusts for wind and current influence within the limits of GPS resolution.







VesselView

Skyhook is a nautical station-keeping system, using throttle, shift and steering that holds a boat in place. Skyhook is useful to hold your boat at a fishing location, when you wait for a spot at a busy fuel dock or a drawbridge to open. It should not be used when swimmers or other boats are in the immediate area.



SeaCore & SeaCore and Axius are available on 350 MAG • 377 MAG • 8.2 MAG • 8.2 MAG HO

the **ultimate** saltwater system, unmatched corrosion protection, unequalled **performance** 

Saltwater can take its toll on marine propulsion systems. That is why the SeaCore™ System from MerCruiser offers more than just improved corrosion resistance. It's as close as a marine propulsion system can come to being corrosion-proof.

The heart of the corrosion-resistant strength of the SeaCore System is the hardcoat anodizing of the drive alloy. This process actually changes the molecular structure of the XK-360 aluminium alloy, creating a shield against the ravages of galvanic corrosion. Hardcoat anodizing is also more abrasion resistant than case-hardened steel, but if the drive is scratched, the anodizing slows the destructive growth of corrosion through the drive surface.

The SeaCore System also provides corrosion protection for the engine with features like closed-cooling and a stainless steel package.





Four-year limited warranty agains corrosion failure



#### **Corrosion protection features:**

- ▶ Industrial hardcoat anodized XK-360 aluminium alloy
- ► MerCathode® active corrosion protection
- ► SeaCore stainless steel package
- ► Closed-cooling system
- ► Dry-joint exhaust system
- $\blacktriangleright$  EDP coated (Electro Deposition Paint) or stainless steel exhaust elbows
- ► Freshwater Flushing

# handle boats with authority

Once you've selected a sterndrive engine for your boat, it's time to choose a MerCruiser sterndrive.

Boaters are always looking for more power, more options, more durability which is why MerCruiser produces the widest range of drives in the business. We cover every application imaginable and whether you choose Alpha or Bravo drives with their smooth, quiet shifting or the durable Bravo X Series, you're assured of peak performance and maximum durability.

See the specification table on page 15 to discover which drive is compatible with your engine.

#### **#ALPHA ONE®**

The Alpha drive delivers reliable performance in a value package. Reliability: Spiral-cut steel bevel gears for quiet operation and extended durability + XK-360 low-copper aluminium alloy for corrosion resistance. Performance: 3, 4 or 5 blade propellers available for pulling power or top-speed applications. Easy ownership: Permalube\* U-joints eliminate the need for periodic lubrication.

#### BRAVO ONE®

The Bravo One drive delivers superior performance with best-in-class shifting. Reliability: precision-shimmed forged steel gears for smooth quiet operation and durability. Performance: trim-limit switch sets drive angle for maximum performance every time. Easy ownership: greaseable Drive Coupler allows for service without removing the drive unit.

#### **BRAVO TWO®**

The Bravo Two drive delivers high thrust around the dock, early planing and improved fuel economy. Reliability: tri-paint system for a tough, durable corrosion-resistant barrier. Performance: large Bravo Two 20-inch propellers provide maximum lift and thrust for large boats. Easy ownership: maintenance-free hinge pins allow for service without pulling the boat from the water.

#### **BRAVO THREE®**

The Bravo Three drive is the leader in twin, counter-rotating propeller sterndrives, designed for rail-like stability through turns as well as faster acceleration. Reliability: largest available propshaft offered with twin-prop design. Performance: Bravo Three twin props and large rudder area allow for better handling with single-engine boats. Easy ownership: greaseable Gimbal Bearing allows for service without removing the drive unit.

#### BRAVO X®

Designed specially for big block 8.2-litre high-output engines, this is a super strength drive with high performance attributes.

#### **BRAVO XR®**

Direct from the Factory Class winners' circle and available for your boat, the XR Drives are all about performance and being first to the chequered flag.





## Inboards

5.7 MPI • 6.2 MPI • 5.7 Horizon • 6.2 Horizon 8.2 Horizon • 8.2 HO

## a **powerful** combination of **protection** and performance

The MerCruiser reputation for unsurpassed performance and reliability extends to our inboards which feature virtually maintenance-free Horizon™ engine technology plus 3 years of factory-backed product protection and a 3 year extended maintenance cycle.

But that's only the beginning of the good news. We offer inboards for a wide range of applications in power outputs ranging from 300 to 420 hp. And now all MPI inboard models come complete with SmartCraft technology which monitors and fine-tunes your engine for peak efficiency and performance through features such as our Multi-Point fuel Injection system, Engine Guardian and more. A powerful combination of protection and performance.



For 5.7 MPI • 6.2 MPI



For 5.7 HORIZON 6.2 HORIZON 8.2 HORIZON 8.2 HO





See page 14 for details



#### ► SINGLE-POINT WATER DRAIN

A hand-operated air pump drains the raw-water cooling circuit through two easily accessible valves located low on the engine. Standard or optional, depending on specific model.

#### **► ENGINE GUARDIAN**

A standard feature on all MerCruiser MPI engines with SmartCraft technology, Engine Guardian works with the Audio Warning System to monitor and protect against engine, drive or transmission damage if monitored temperatures or pressures vary from the normal range.

#### **▶ MULTI-POINT FUEL INJECTION SYSTEM**

The MPI system injects fuel into the intake port of each cylinder. This results in a precisely tuned and efficient engine offering exceptional acceleration, throttle response and dependable turnkey starting.

#### **▶ INBOARD ELECTRIC SHIFT TRANSMISSION**

All inboard engines equipped with SmartCraft DTS feature the new electric shift transmission. The system delivers reliable shifts and exceptional durability via solenoid-controlled hydraulics to shift gears and pressure sensors that monitor clutch-pack performance for Transmission Guardian.

## **Tow Sports Inboards**

Scorpion 377 • Scorpion 350 • Tow Sport 5.7 MPI

## a **scorpion** stings, everything else bites

Designed and built with one purpose: to deliver the most efficient pulling power with the right torque just when you need it – that's Scorpion™.

Scorpion is also smart. Fully compatible with SmartCraft technology to give you full control at the helm and over the water, we've got you covered with features like Engine Guardian for system monitoring and protection.



The latest in tow sports technology makes pulling skiers and riders easier with less effort than ever.

- ➤ Set and maintain precise engine rpm level for consistent towing speed
- ➤ Customizable Launch Control makes getting on plane smooth and simple for every level of driver or rider
- ► Our latest Smart Tow Pro\* uses GPS for ultra-precise speed control
- \* Reauires SC1000 tachometer



For Tow Sport 5.7 MPI



For Scorpion 350 Scorpion 377



See page 14 for details.



#### **► ENGINE GUARDIAN**

A standard feature on all MerCruiser Scorpion engines with SmartCraft technology, Engine Guardian works with the Audio Warning System to monitor and protect against engine, drive or transmission damage if monitored temperatures or pressures vary from the normal range.

#### ► MULTI-POINT FUEL INJECTION SYSTEM

The MPI system injects fuel into the intake port of each cylinder. This results in a precisely tuned and efficient engine offering exceptional acceleration, throttle response and dependable turnkey starting.

- ► TUNNEL RAM INTAKE MANIFOLD LIKE THOSE FOUND ON DRAGSTERS FOR MORE POWER AND THRUST.
- ► LOWER PROFILE AND CENTRE OF GRAVITY.
- ► SIMPLE MAINTENANCE FEATURES SUCH AS EASY WATER AND OIL DRAIN.
- ► SCORPION 377 COMES WITH LONG-STROKE FORGED-STEEL CRANKSHAFT.



Emissions control is available on 3.0 MPI • 4.3 MPI 5.0 MPI • 350 MAG • 377 MAG • 8.2 MAG • 8.2 MAG HO 5.7 MPI • 5.7 Horizon • 6.2 MPI • 6.2 Horizon 8.2 Horizon • 8.2 HO • Tow Sport 5.7 MPI • Scorpion 350

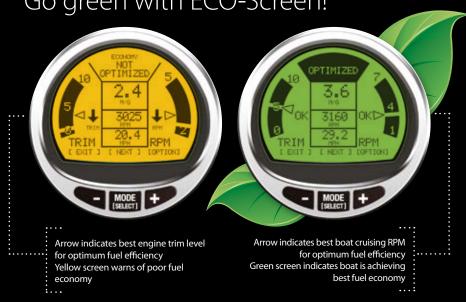
## **Emissions control** technology

Our commitment to environmental conservation continues with the introduction of our Emissions Control (EC) technology, the new exhaust catalyst system from MerCruiser. Significantly reducing harmful exhaust emissions, these catalyzed engines offer full performance and improved fuel economy.



SmartCraft MercMonitor featuring ECO-Screen

Go green with ECO-Screen!



#### What is ECO-Screen?

ECO-Screen is a feature that tells you what you need to do, as a boater, to obtain the best fuel economy for your application.

The ECO feature is constantly monitoring engine RPM, boat speed, fuel consumption and engine trim to automatically calculate and guide you to your best fuel economy settings.

#### **Benefits:**

- ► 10 20% increase in fuel economy (based on average user)
- ➤ Automatic No calibration needed! The ECO feature is always working in the background to optimize your fuel economy
- ► User friendly Easy to understand user prompts that tell you exactly what you need to do
- ► Multi-color Screen ECO-Screen uses colors and reverse video to show you, at a glance, when you've optimized your fuel economy. (Green = Optimized, Yellow = Not Optimized)

							Food	Digital	le & Closed-	Water Drain System <sup>1</sup>			Total
		SmartCraft	Horsepower		Displacement Liter/CID	Cylinders	rs Fuel System	Throttle & Shift		Alpha	Bravo/ Inboard	Drive/Transmission Options	Weight (kg)
	3.0 TKS	No	135 hp (101 kW)	4400-4800	3.0/181	Inline-4	TKS Carb	N/A	Optional or Kit	Standard	N/A	Alpha	288
	4.3 TKS	No	190 hp (142 kW)	4400-4800	4.3/262	V6	TKS Carb	N/A	Optional or Kit	Standard	N/A	Alpha	385
	3.0 MPI <sup>2</sup>	Kit	135 hp (101 kW)	4400-4800	3.0/181	Inline-4	MPI	N/A	Optional or Kit	Standard	N/A	Alpha	288
	4.3 MPI <sup>3</sup>	Yes	220 hp (164 kW)	4400-4800	4.3/262	V6	MPI	N/A	Optional or Kit	Standard	Optional	Alpha – Bravo Two Bravo Three	393 – 414 419
	5.0 MPI <sup>2</sup>	Yes	260 hp (194 kW)	4600-5000	5.0/305	V8	MPI	Optional	Optional or Kit	Standard	Optional	Alpha – Bravo One Bravo Two – Bravo Three	433 – 451 459 – 463
	Axius	Yes	260 hp (194 kW)	4600-5000	5.0/305	V8	MPI	Standard	Optional or Kit	N/A	Standard	Bravo Three	486
	350 MAG <sup>2</sup>	Yes	300 hp (224 kW)	4800-5200	5.7/350	V8	MPI	Optional	N/A	Standard	Optional	Alpha – Bravo One Bravo Two – Bravo Three	430 – 449 456 – 460
	Axius	Yes	300 hp (224 kW)	4800-5200	5.7/350	V8	MPI	Standard	N/A	N/A	Optional	Bravo Three	486
	SeaCore	Yes	300 hp (224 kW)	4800-5200	5.7/350	V8	MPI	Optional	Standard	N/A	Standard	Bravo One – Bravo Two Bravo Three	451 – 459 463
ES	Axius SeaCore	Yes	300 hp (224 kW)	4800-5200	5.7/350	V8	MPI	Standard	Standard	N/A	Standard	Bravo Three	486
ERNDRIV	377 MAG	Yes	320 hp (239 kW)	4800-5200	6.2/377	V8	MPI	Optional	N/A	N/A	Optional	Bravo One – Bravo Two Bravo Three	451 – 459 463
RNI	Axius	Yes	320 hp (239 kW)	4800-5200	6.2/377	V8	MPI	Standard	N/A	N/A	Optional	Bravo Three	486
ST	SeaCore	Yes	320 hp (239 kW)	4800-5200	6.2/377	V8	MPI	Optional	Standard	N/A	Standard	Bravo One – Bravo Two Bravo Three	451 – 459 463
	Axius SeaCore	Yes	320 hp (239 kW)	4800-5200	6.2/377	V8	MPI	Standard	Standard	N/A	Standard	Bravo Three	486
	8.2 MAG	Yes	380 hp (279.49 kW)	4400-4800	8.2/502	V8	MPI	Optional	Standard	N/A	Standard	Bravo One X, XR – Bravo Two X Bravo Three X, XR	494 – 501 506
	Axius	Yes	380 hp (279.49 kW)	4400-4800	8.2/502	V8	MPI	Standard	Standard	N/A	Standard	Bravo Three X, XR	536
	SeaCore	Yes	380 hp (279.49 kW)	4400-4800	8.2/502	V8	MPI	Optional	Standard	N/A	Standard	Bravo One, X - Bravo Two X Bravo Three X, XR	494 – 501 506
	Axius SeaCore	Yes	380 hp (279.49 kW)	4400-4800	8.2/502	V8	MPI	Standard	Standard	N/A	Standard	Bravo Three X, XR	536
	8.2 MAG HO⁴	Yes	430 hp (316.27 kW)	4600-5000	8.2/502	V8	MPI	Optional	Standard	N/A	Standard	Bravo One X, XR – Bravo Two X Bravo Three X, XR	494 – 501 506
	Axius	Yes	430 hp (316.27 kW)	4600-5000	8.2/502	V8	MPI	Standard	Standard	N/A	Standard	Bravo Three X, XR	536
	SeaCore	Yes	430 hp (316.27 kW)	4600-5000	8.2/502	V8	MPI	Optional	Standard	N/A	Standard	Bravo One X – Bravo Two X Bravo Three X, XR	494 – 501 506
	Axius SeaCore	Yes	430 hp (316.27 kW)	4600-5000	8.2/502	V8	MPI	Standard	Standard	N/A	Standard	Bravo Three X, XR	536
INBOARDS	5.7 MPI DTS	Yes	300 hp (224 kW)	4600-5000	5.7/350	V8	MPI	Standard	N/A	N/A	Optional	ZF electric	390
	5.7 Horizon DTS	Yes	300 hp (224 kW)	4600-5000	5.7/350	V8	MPI	Standard	Standard	N/A	Standard	ZF electric	431
	6.2 MPI DTS	Yes	320 hp (239 kW)	4600-5000	6.2/377	V8	MPI	Standard	N/A	N/A	Optional	ZF electric	390
	6.2 Horizon DTS	Yes	320 hp (239 kW)	4600-5000	6.2/377	V8	MPI	Standard	Standard	N/A	Standard	ZF electric	431
	8.2 Horizon DTS	Yes	370 hp (276 kW)	4200-4600	8.2/502	V8	MPI	Standard	Standard	N/A	Standard	ZF electric	513
	8.2 HO DTS	Yes	420 hp (313 kW)	4400-4800	8.2/502	V8	MPI	Standard	Standard	N/A	Standard	ZF electric	513
TOW SPORTS INBOARDS	Tow Sport 5.7 MPI	Yes	315 hp (235 kW)	4600-5000	5.7/350	V8	MPI	N/A	N/A	N/A	Optional	Velvet	369
	Scorpion 350	Yes	330 hp (246 kW)	4800-5200	5.7/350	V8	MPI	Optional	N/A	N/A	Optional	ZF/ZF electric/Velvet	373
	Scorpion 377	Yes	340 hp (254 kW)	4800-6000	6.2/377	V8	MPI	N/A	N/A	N/A	Optional	ZF/Velvet	373

#### **General Notes**

- Approximate engine and drive weights. Individual units may vary slightly.
   Option availability determined by boat manufacturer within its boat model offerings.
   Performance obtained and corrected in accordance with SAE J1228 crankshaft power.
- All models and specifications are subject to change without notice or without incurring obligations to modify previously manufactured products.

<sup>&</sup>lt;sup>1</sup> MerCruiser offers a variety of easy water drain strategies depending upon application, design and in some cases by boat model. The Alpha drain systems typically involve turning a handle or removing quick-connect hoses to drain. The Bravo/Inboard water drain systems are also found on most closed-cooled models and are activated by pressurized air.

<sup>&</sup>lt;sup>2</sup> BSO\Stage 2 certification on engines 3.0 MPI, 5.0 MPI, 350 MAG. <sup>3</sup> 4.3 MPI: available with Emissions Control as of Jan 2011.

<sup>&</sup>lt;sup>4</sup> 8.2 MAG HO without Emissions Control are only available with DTS.

## knowledge is power

Find detailed engine specifications and features at www.mercurymercruiser.com – the ultimate source for Mercury MerCruiser Sterndrives, Inboards and Tow Sports.



### www.mercurymercruiser.com







Visit www.brunswick-marine.com