



# ***Propellers***

COMP | ELITE | SPORT



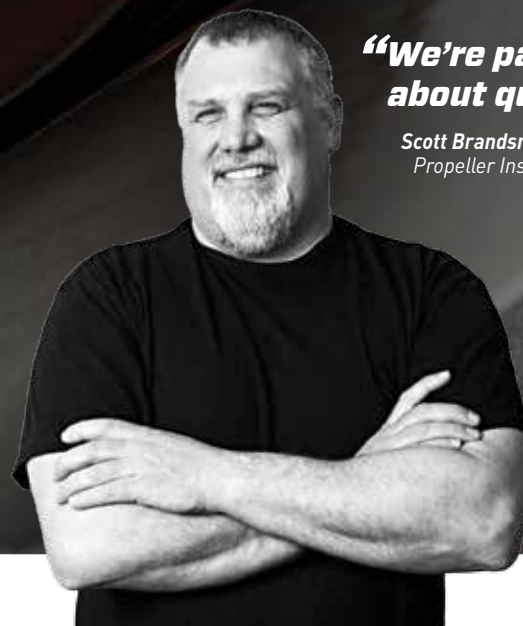
# Redefining Performance

Product performance and our people make Mercury Propellers the world leader in outboard and sterndrive propeller design and production. It's not an accident that Mercury Propellers have continually beaten the competition in top speed and acceleration. Our props are designed by a team of dedicated engineers with more than 160 years of propeller design experience – experience that enables us to design propellers that are years ahead of our competitors' products. But it doesn't stop there – our propellers are manufactured at our dedicated propeller casting facility in Fond du Lac, Wisconsin by a group of employees devoted to producing the best-performing propellers in the world, transforming molten metal into the highest-quality marine propellers.











## Performance starts with our people

The end result is not just a propeller. The passion from every person involved with producing a propeller is stimulating. This passion has driven Mercury to be the world's bestselling propeller manufacturer.



**“We’re passionate about quality.”**

Scott Brandsma,  
Propeller Inspector

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## THE MERCURY ADVANTAGE

Our experience and expertise – along with proprietary technologies such as Flo-Torq®, the X7® alloy, and PVS® (Performance Vent System) – give Mercury props a true competitive advantage.

## TECHNOLOGIES



### X7 Alloy

A revolutionary proprietary alloy from Mercury that shatters the rules of propeller design. X7 is 30 percent stronger and four times more durable than conventional stainless steel, allowing prop designs that are impossible with conventional stainless steel.



### Mercalloy®

An aluminum alloy so revolutionary – it's patented. Mercalloy is specially designed for the die-casting process, helping produce the highest quality, porosity-free propeller castings that result in increased strength and ductility.



### Flo-Torq SSR HD

The Flo-Torq SSR HD is the quietest and smoothest shifting propeller hub system in the market for high horse-powered outboards. It delivers a 10-19% shift clunk improvement vs. other noise reduction rubber hub systems and a 25%+ improvement vs. solid hub designs. The Flo-Torq SSR HD rotates both port and starboard - eliminating shift clunk and vibration for quiet and smooth shifting.



### PVS® Plugs

PVS (Performance Vent System) is an exclusive Mercury innovation that allows you to custom-tune the venting of your propeller – this gives you the power to customize the performance of your propeller to match your engine. Just by varying the size of the exhaust hole, you can improve your performance. This is a system you can only get with select Mercury propellers.

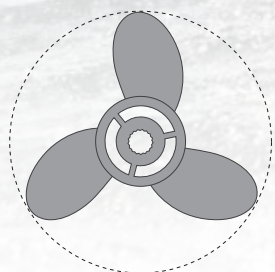


### Flo-Torq® Hub System

The Flo-Torq II is specially designed to cushion and protect the drivetrain from most impacts. Plus, just like all Mercury® engines, the Flo-Torq II System also provides unmatched corrosion protection – giving you peace of mind and the freedom to make the most of your time on the water.

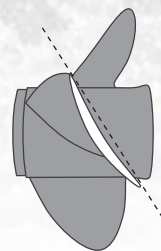
## Make your boat come alive!

Whether you're a professional angler using the Fury® for that extra mph or a weekend boater using the SpitFire® to create family memories, the propeller is the key to unlocking your boat's full potential. Thus, understanding the basic science behind propeller design and how Mercury excels versus the competition will help you understand its importance – and help you choose the Mercury propeller that makes your boat come alive!



### DIAMETER

Diameter is an integral part to the propeller design and must be appropriately matched with the pitch, rake and cup of the propeller to provide maximum thrust and mid-range fuel economy. Mercury's engineering team uses proprietary methods to combine these propeller features which allows Mercury to offer the perfect propeller for any boating application.



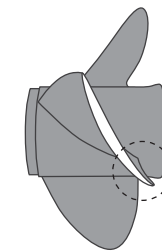
### PITCH

Mercury understands that having the correct pitch is the most important factor to your boat's performance. Choosing the correct pitch is critical, as it results in your engine operating within the required rpm range, thus maximizing performance.



### RAKE

Rake is the angle of the blade from root to blade tip. This angle allows Mercury's engineers to alter your boat's ride and lift as well as provide superior holding in rough water and high drive heights. Mercury is a class leader in engineering rake into our propeller design.



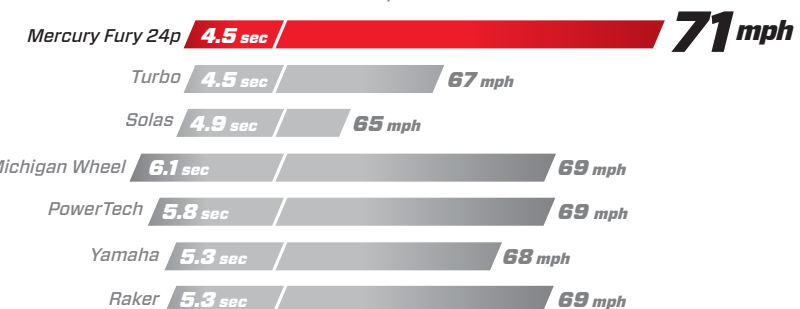
### CUP

Cup is the small curve or lip on the trailing edge of the propeller blade. Cup allows the propeller to grab hold of the water, providing superior handling in rough water and tight turns. Cup is a vital component to the propeller, and precise measurements must be attained.

## Fury® The propeller of champions



### ACCELERATION 0-20 mph / TOP SPEED



All runs measured using a Triton TR-21X with 225 OptiMax Pro XS under same conditions. Acceleration time is from 0-20 MPH.

## SpitFire® The first performance aluminum propeller



### ACCELERATION 0-20 mph



### TOP SPEED










## **Fuel Economy and Performance**

The Enertia ECO propeller is an innovative product specifically designed to provide optimal fuel economy and performance at cruising speed, the engine rpm range where boaters spend most of their time. To maximize fuel economy and performance at cruising speeds, Mercury engineers designed the new propeller with a large 16-in. diameter, extra-large blade area and a high progressive rake for increased bow lift. This additional lift provided by the Enertia ECO results in significant gains in fuel economy while also improving speed and acceleration.

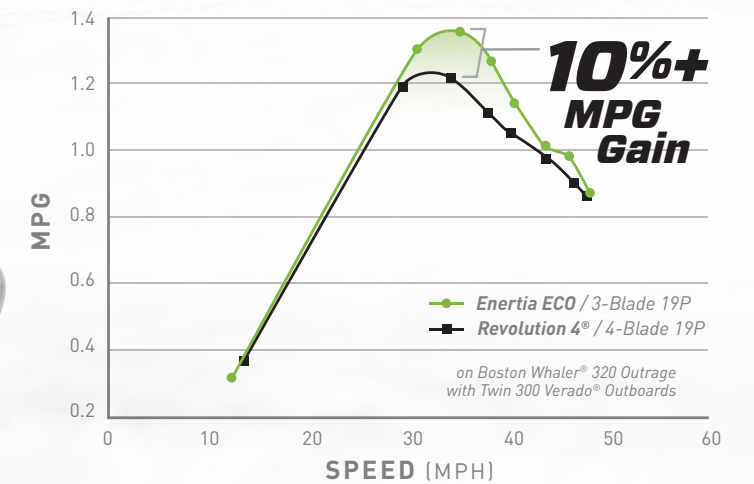
### **Enertia ECO Advantages**

-  7% savings on fuel costs of up to \$600 per season\*
-  Ability to travel farther with the same amount of fuel
-  No compromise in performance
-  Patent-pending design
-  Made with Mercury's X7 alloy

\*Based on an average duty cycle at 95 hours of running time in 12 months at \$5.10 per gallon



### **Enertia ECO Fuel Savings**



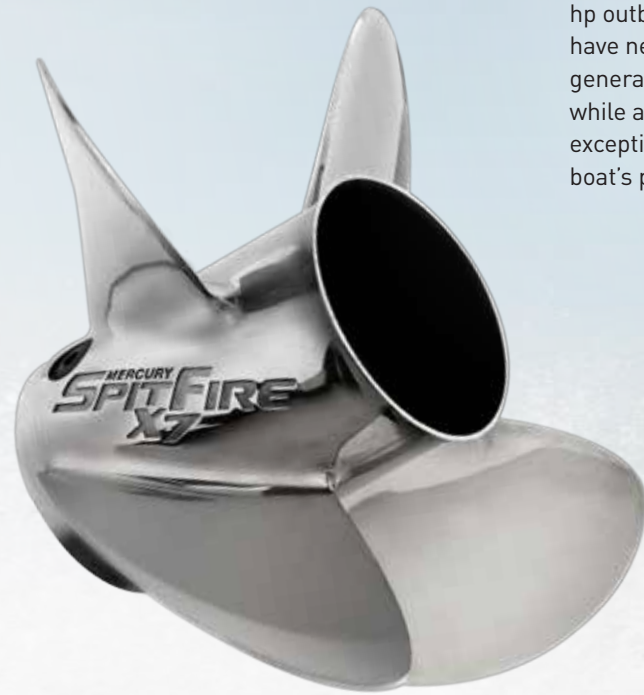
# New Propellers

SPITFIRE X7

MERCURY  
**SPITFIRE**  
X7

## MISSION POSSIBLE

The impossible just became reality as the new SpitFire X7 will propel your 75-115 hp outboard powered boat to levels that have never existed. The small diameter generates unmatched acceleration while aggressive cup and rake produce exceptional top speeds to maximize your boat's performance.



MERCURY  
**SPITFIRE**  
CT

## OWN THE DOCK

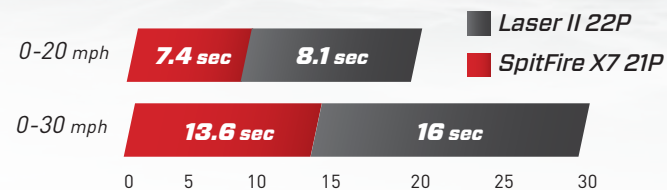
The SpitFire® CT's small-diameter design creates instant thrust, while the fourth blade generates the blade area needed for unsurpassable holding. Both of these features combine to provide a propeller that allows you to pull up to the dock with confidence and control your pontoon with ease.

## UNMATCHED PERFORMANCE

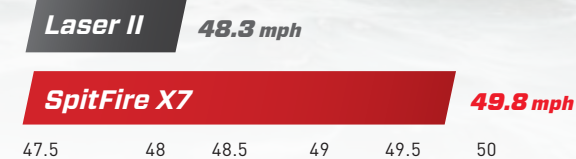
The SpitFire CT is the fastest, quickest and best-holding aluminum pontoon propeller in the market. Using design elements from the current aluminum SpitFire, the small diameter, aggressive rake and cambered blade of the SpitFire CT allow it to surpass comparable three-blade aluminum propellers.



### ACCELERATION



### TOP SPEED



Tested on a 17' Triton Explorer



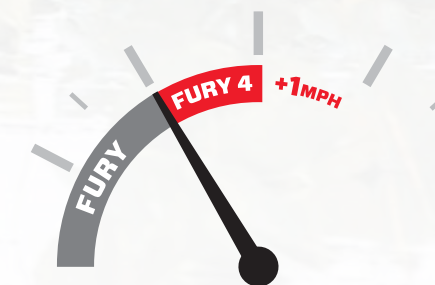
### THE ULTIMATE BASS PROP

The wait is over, ultimate tournament speed is here. The new Fury 4 propeller is the fastest offering from Mercury Propellers for the angler running heavily weighted tournament load boats. Two Performance Vent System (PVS) holes per blade provide the venting needed for customizable holeshoot, while the new 4-blade design generates the unmatched midrange acceleration, holding and lift needed when propelling a tournament bass boat.



- +1 mph\* and Increased midrange acceleration
- Superior holding for rough water conditions
- 8 PVS holes for unmatched shallow water launches
- Made with Mercury's X7 alloy

\*on a heavy tournament load versus a Fury of the same pitch.



**Fury 4 propellers generate an extra 1 mph**

over Fury three-blade propellers on heavy weighted tournament bass boats  
Tested on a 521 Ranger with a 250 OptiMax Pro XS;  
results compared to a 25 pitch Fury propeller

# Mercury Propellers

## Comp Series



**Unmatched performance.** Mercury's Comp Series propellers stand alone in the market as the top-performing propellers in acceleration, top speed and fuel economy.

## Elite Series



**Where performance meets reputation.** Mercury's Elite Series propellers provide class-leading durability and performance. These are our best-selling designs.

## Sport Series

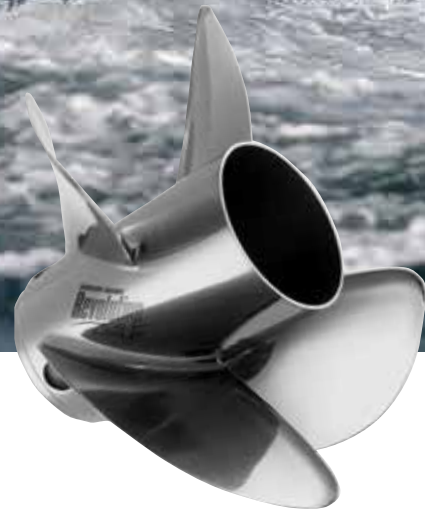


**Perfect balance of performance and value.** Mercury's Sport Series propellers are proven designs for boaters ready to enhance the performance of their boat.



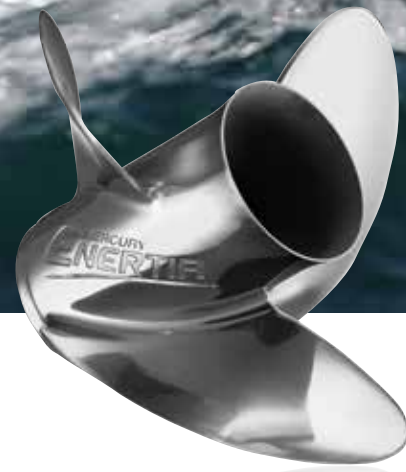
## Comp Series

*Unmatched performance.* Mercury's Comp Series propellers stand alone in the market as the top-performing propellers in acceleration, top speed and fuel economy.



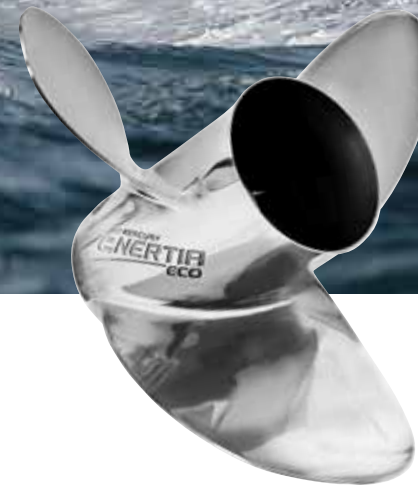
### REVOLUTION 4®

- Aggressive four-blade design provides outstanding holding, hole shot and improved midrange performance
- Ideal for 135hp and above outboard-powered walleye boats, center consoles and sterndrive-powered deck and sport boats



### ENERTIA®

- Mercury's first propeller to utilize the added strength and durability of Mercury's X7 alloy
- Improves both top speed and acceleration on center consoles, high-horsepower pontoons and sterndrive runabouts
- Fits 135hp and above outboards and Alpha One® and Bravo One® sterndrives
- Mercury's top-performing pontoon propeller



### ENERTIA ECO

- Designed for heavy, high-horsepower boats where fuel economy at cruise is top priority
- Large-diameter propeller with high-progressive rake providing extra bow lift, resulting in up to 10% fuel economy gains at cruising speeds

*"In two-to-three foot seas, the Enertia ECO "livened" up my boat's already great performance even more, and cut down fuel consumption by a minimum of 10 percent. At cruising speed, I was saving as much as 12 percent of my fuel consumption."*



**George Poveromo,**  
Professional Angler

# Comp Series

*Unmatched performance. Mercury's Comp Series propellers stand alone in the market as the top-performing propellers in acceleration, top speed and fuel economy.*



## FURY®

- Mercury's revolutionary tournament bass propeller
- Comprised of Mercury's X7 alloy with a reduced diameter and large blade area that measurably improves acceleration and top speed
- Designed for class-leading performance for all bass, bay and flats boats running 200hp and above engines

## FURY 4®

- Mercury's high performance tournament load bass propeller
- Manufactured with Mercury's X7 alloy for extreme durability
- Designed for unmatched performance for the angler running heavily weighted 20 - 22' bass boats

## MAXIMUS®

- Ultimate high-performance five-blade propeller
- Suited to power step-v hulls, v-bottoms and cats that run big block H.O., 8.2 MAG H.O. or Mercury Racing engines that require high drive heights
- Couple with Bravo One or Bravo One XR drives

## BRAVO I®

- The world's best-selling high-performance propeller
- Ideal fit for high-speed, high-drive-height outboard and Bravo One® sterndrive applications
- Provides outstanding performance for all 'go-fast' boats, including catamarans and stepped hulls

## Elite Series

**Where performance meets reputation.**  
Mercury's Elite Series propellers provide class-leading durability and performance. These are our best-selling designs.



### SPITFIRE X7®

- Superior acceleration generated through a small diameter design
- Ultimate top speed and holding through aggressive cup
- Designed for all boat types utilizing Mercury's 75-115 hp standard outboards



### BRAVO THREE®

- Amazing contra-rotating twin propeller design
- The front four-blade and rear three-blade provides the combination of speed, acceleration, holding and fuel economy
- Pair exclusively with Bravo Three® sterndrives



### HIGH FIVE®

- Five-blade stainless steel design offers ultimate hole shot and handling
- Perfect propeller for supreme tow sport performance
- Fits 135hp and above outboards and Alpha One® sterndrives



### MIRAGE® PLUS

- Best-selling high-horsepower propeller in the world
- Large diameter design works well across a wide range of applications
- Fits 135hp and above outboards and V8 sterndrives

# Elite Series

Where performance meets reputation.  
Mercury's Elite Series propellers provide class-leading durability and performance. These are our best-selling designs.



## SPITFIRE®

- Mercury's state-of-the-art aluminum propeller provides three-blade speed with four-blade holding and acceleration
- Aggressive four-blade design with high rake angles and added cup for tenacious holding
- Fits 25 - 250hp outboards and Alpha One sterndrives



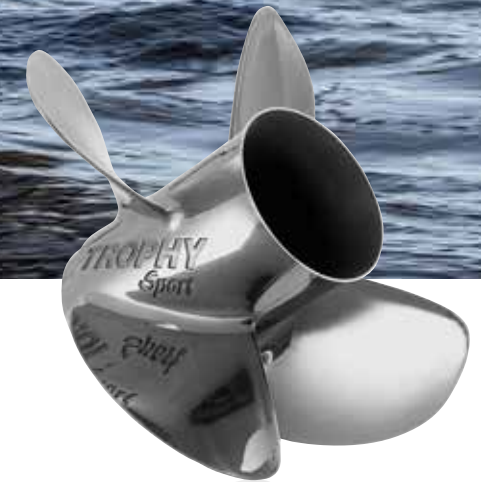
## TEMPEST® PLUS

- Designed to make big boats go fast
- Higher rake and bigger cup provide better handling and lift on big V6 outboard-powered boats
- Ideal for 135hp and above outboard-powered bass and tournament walleye boats 17 feet and longer



## TROPHY® PLUS

- Designed to deliver exceptional bow lift for bass and flats boats running at high drive heights
- Unique design allows for venting both through and over the hub, providing quick holeshot and stable handling at high speeds and tight turns
- Fits 135hp and above outboards



## TROPHY® SPORT

- High-performance propeller for bay and flats boats utilizing 40 - 60hp outboards
- Four-blade design generates incredible hole shot and holding when compared to a three-blade propeller

## Sport Series

Perfect balance of performance and value. Mercury's Sport Series propellers are proven designs for boaters ready to enhance the performance of their boat.



### BLACK MAX®

- World's best selling aluminum propeller
- Perfect combination of performance, durability and value
- Fits outboards 2.5 - 250hp and Alpha One sterndrives



### LASER II

- Perfect compliment to bass boats and aluminum deep-v fishing boats where speed is the priority
- Aggressive rake angles provide excellent bow lift with vented hub for impressive acceleration
- Fits 75 - 125hp outboards



### VENGEANCE®

- All-purpose stainless steel propeller offers improved performance and durability over aluminum propellers
- One-piece cast steel for exceptional strength and durability
- Fits 20 - 250hp outboards and Alpha One sterndrives



### VENSTURA®

- Stainless steel four-blade design delivers good acceleration and holding power
- Provides great bow lift for rough water performance
- Fits 135hp and above outboards and Alpha One sterndrives

## Comp Series

## Elite Series

## Sport Series

		Bravo I	Enertia	Enertia Eco	Fury	Fury 4	Maximus	Revolution 4	Bravo Two	Bravo Three	High Five	Mirage Plus	Spitfire	Spitfire X7	Tempest Plus	Trophy Plus	Trophy Sport	Black Max	Laser II	Vengeance	Vensura	
SPECIFICATIONS	Available Pitches	22, 24, 26, 28, 30, 32, 34, 36	11, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	17, 18, 19, 20, 21, 22, 23	24, 25, 26, 27	24, 25, 26	24, 26, 28, 30, 32, 34	15, 17, 19, 21, 23, 25	11, 13, 15, 17, 19, 21, 23, 25	19, 21, 22.5, 24, 26, 28, 30	17, 19, 21, 23, 25	13, 15, 17, 18, 19, 21, 23, 25, 27, 29	9.5, 10, 11, 12, 13, 14, 15, 17, 19, 21, 23	13, 15, 17, 19, 21	17, 19, 21, 22, 23, 24, 25, 26, 27, 29	17, 19, 21, 23, 24, 25, 26, 27, 28	12, 13, 14, 15	5.5, 6, 6.5, 7, 7.5, 8, 8.4, 8.5, 9, 9.5, 10, 10.5, 11, 11.5, 12, 12.5, 13, 14, 14.5, 15, 16, 17, 18, 19, 21, 23, 25	19, 21, 23, 25	10, 12, 14, 15, 16, 17, 18, 19, 21, 23	17, 19, 21, 23	
	Material	Stainless Steel	X7	X7	X7	X7	Stainless Steel	Stainless Steel	Alum	Stainless Steel	Stainless Steel	Stainless Steel	Aluminum	X7	Stainless Steel	Stainless Steel	Stainless Steel	Aluminum	Stainless Steel	Stainless Steel	Stainless Steel	
	Rotation	LH, RH	LH, RH	LH, RH	RH	RH	LH, RH	LH, RH	LH, RH	LH, RH	LH, RH	RH	LH, RH	RH	RH	LH, RH	RH	RH	RH	LH, RH	RH	LH, RH
	PVS		■	■	■	■	■	■			■	■		■	■	■	■					■
	Number of Blades	4	3	3	3	4	5	4	3	3, 4	5	3	4	4	4	3	4	4	3	3	3	4
APPLICATIONS	Aluminum		■	■				■			■		■	■	■	■	■	■	■	■	■	
	Bass	■			■	■					■		■	■	■	■	■	■	■	■	■	
	Bowrider		■	■				■		■	■	■	■	■	■	■	■	■	■	■	■	
	Catamaran	■		■								■										
	Center Console	■	■	■								■										
	Cruiser		■	■					■	■		■	■	■					■		■	
	Deckboat		■								■		■	■			■		■	■	■	
	Fish-n-ski		■					■			■		■	■	■	■	■		■	■	■	
	Houseboat		■						■				■	■					■		■	
	Inflatable												■	■				■	■		■	
	Inshore fishing (bay, flats)	■		■	■	■		■			■		■	■	■	■	■	■	■	■	■	
	Multi-species	■	■	■				■					■	■	■	■	■			■	■	
	Offshore fishing	■	■	■				■					■			■	■			■	■	
	Pontoon		■					■		■			■	■				■		■	■	
	Runabout - Cuddy		■						■	■	■		■	■					■		■	
	Runabout - Open Bow		■							■	■	■	■	■					■		■	
	Sportboat / Performance	■					■	■			■		■			■			■		■	
Ski							■			■	■							■		■		
Workboat		■						■	■			■						■				

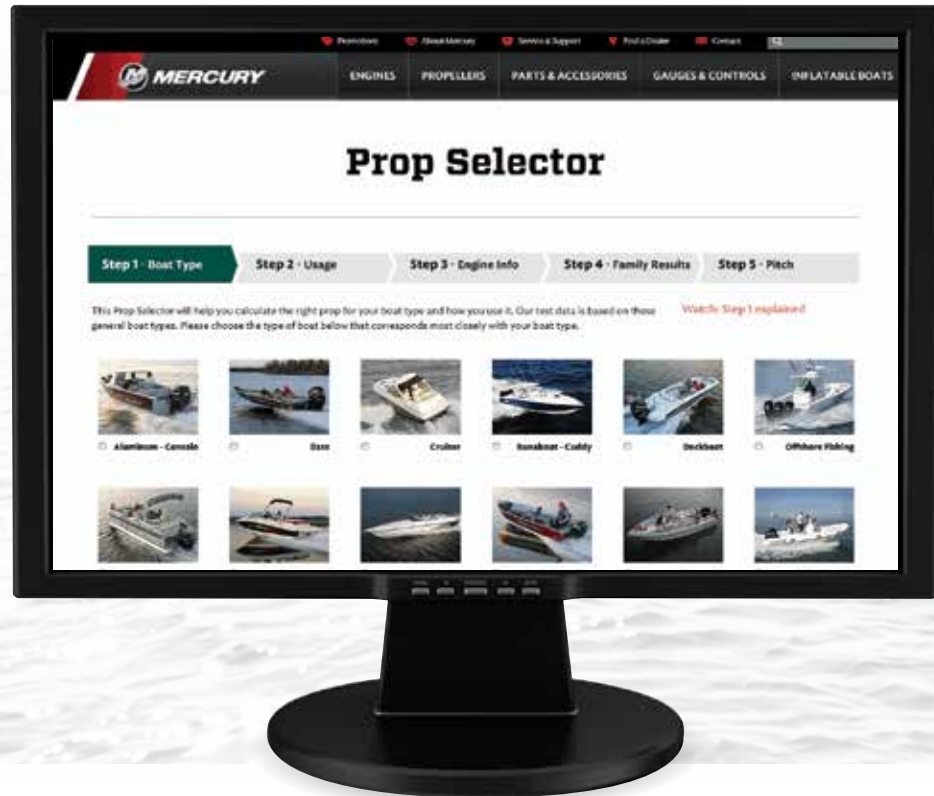
# Find the perfect prop

Boat performance is equal parts power and propeller. With our propeller finder, you'll be able to narrow your search for the most ideal prop in just four simple steps. Get started now, and once you've entered your specifications, we'll provide results based upon our extensive test data.

[mercurymarine.com/propellers](http://mercurymarine.com/propellers)



Try it now at:  
[mercurymarine.com](http://mercurymarine.com)



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