

Sterndrives & Inboards

DIESEL



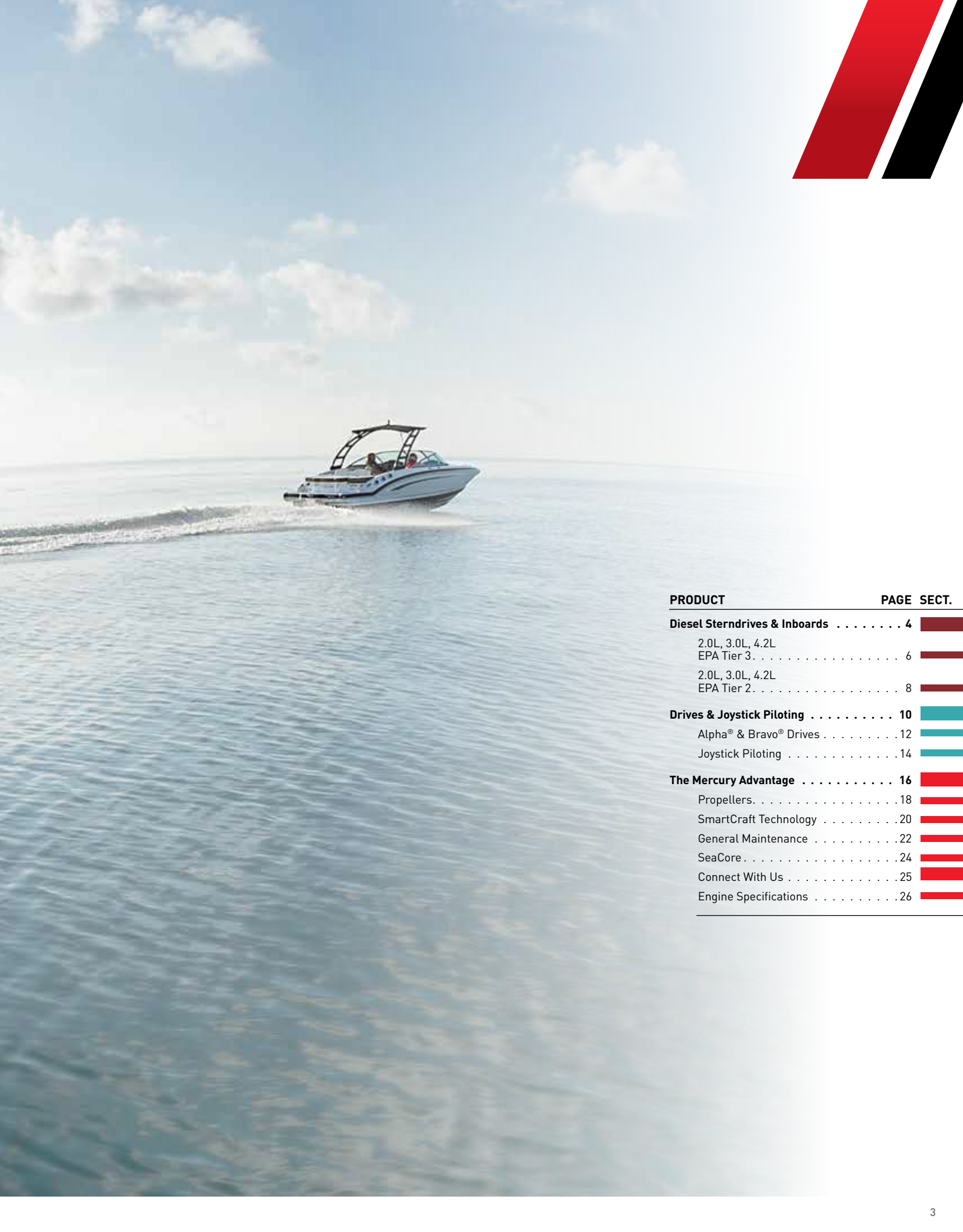
MERCURY
Diesel
















An aerial photograph of a boat's wake on the ocean. The water is a deep blue, and the wake is a white, frothy trail that curves across the frame. The sky is bright blue with scattered white clouds. The overall mood is serene and expansive.

Mercury behind you, the world before you.

We've put a lot of water behind us in our 75 years, and we've seen a lot of change. Boating has evolved dramatically and continually over the decades. We're proud to be a part of it . . . and behind it. Mercury Diesel has a history of ignoring boundaries, rewriting the rules, and redefining power, efficiency, and reliability. We will continue to lead the way, leaving the past and, no doubt, a few competitors, in our wake.



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Diesel ***Sterndrives*** ***& Inboards***

Mercury's advanced diesel engine technology delivers an entirely new level of comfort and enjoyment to recreational and commercial boating. Powerful and durable, quiet and smooth, virtually free of smoke and odour, our diesel inboards and sterndrives combine reliable operation with exceptional fuel economy. Mercury Diesel engines seamlessly cover the horsepower band from 115hp to 370hp, offering the right power for every diesel vessel.

2.0L, 3.0L, 4.2L

**EPA TIER 3 DIESEL
STERNDRIVES & INBOARDS**

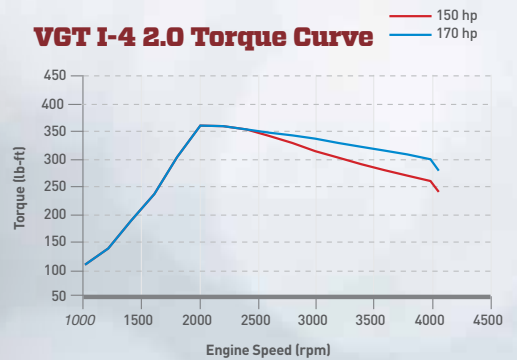
**THREE 3 YEAR
CORROSION
WARRANTY**

Fuel Misers

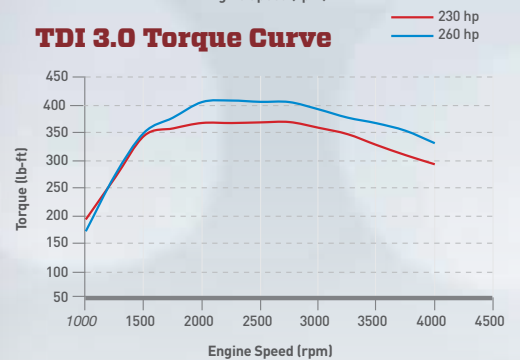
Engines from Mercury's Tier 3 Diesel series utilise common rail technology to maximise combustion efficiency and minimise fuel consumption – delivering up to 50% better fuel economy than petrol engines of similar horsepower. Variable Geometry Turbochargers (VGT) virtually eliminate turbo-lag, enabling these engines (150 - 370hp models only) to deliver outstanding low-end torque. Designed for durability with a thermostatically controlled closed-cooling system, you can rest assured they are in it for the long haul.



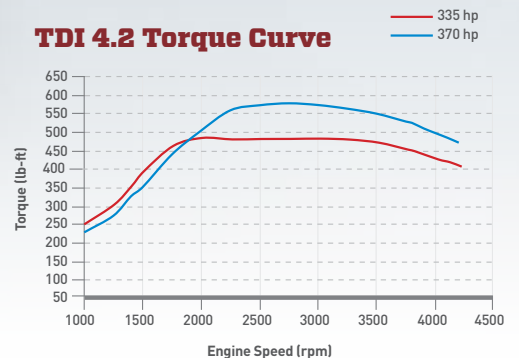
VGT I-4 2.0 Torque Curve



TDI 3.0 Torque Curve



TDI 4.2 Torque Curve





Clean, Quiet, Efficient

TDI technology uses **injectors to spray diesel fuel** atomised at 26,000 psi directly into the main combustion chamber of each cylinder. This process optimises fuel efficiency and minimises emissions, along with engine Noise, Vibration and Harshness (NVH) for an enjoyable boating experience.



Lightweight

The TDI engine block is fabricated from Vermicular Graphite Casting (VGC), which has twice the strength of grey iron and most of its attributes, but is 5% to 10% lighter. The end result is low weight, high strength, and maximum heat transfer for optimum cooling.



Power & Performance

The low weight of these diesels results in best-in-class power-to-weight ratio. Combined with great low-end torque, the end result is crowd-pleasing hole shot, great acceleration, low planing times and ultra-smooth performance.



Intuitive Design

Mercury SmartCraft compatibility is built into these engines, delivering key information about vital engine functions on an easy-to-read LED display. Optional **SmartCraft Digital Throttle & Shift (DTS)** offers smooth shifting, immediate throttle response and high-tech digital controls.



SEACORE
system

Corrosion-Resistance

Mercury diesels feature state-of-the-art anti-corrosion, including a **thermostatically controlled closed water-cooled system**. Water-cooled engine oil, gear oil and steering fluid decrease engine-room temperatures, extending engine life. The SeaCore system is available for the ultimate in saltwater protection.

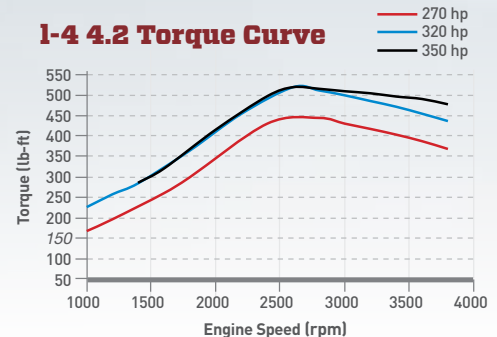
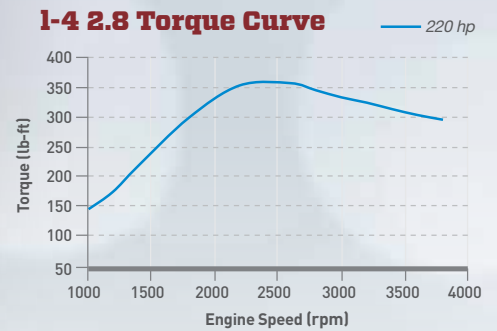
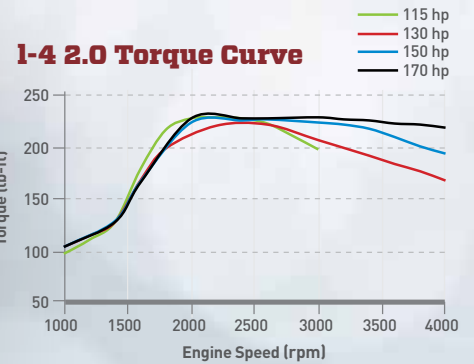
2.0L, 2.8L, 4.2L

**EPA TIER 2 DIESEL
STERNDRIVES & INBOARDS**

Proven Powerhouse

**THREE 3 YEAR
CORROSION
WARRANTY**

Ranging from 115hp to 350hp, these diesel workhorses can be found in a wide variety of vessels around the world, from cruisers to runabouts and RIBs. The reason for their popularity is their rugged reliability – these diesels will get you there and back again safely and with confidence. Built on a proven platform, they offer the latest common-rail fuel-injection technology for exceptional efficiency and are fully compatible with the latest SmartCraft systems.





Quiet Ride

The **high-pressure common-rail fuel-injection system** not only ensures fuel economy, it also minimises Noise, Vibration and Harshness (NVH), along with smoke and odour – the undesirable factors many boaters associate with yesterday's diesels.



Repower Reasons

The **lightweight, compact design** of these diesel engines makes them ideal drop-in replacement power packages for many older, fuel-guzzling petrol engines. Mercury's full range of drives offers outstanding versatility to owners of stern-drive-powered boats.



Peak Performance

Impressive acceleration and quick throttle response are delivered by the proven common-rail fuel system, which incorporates a **turbocharger and seawater after-cooler**. These engines combine smooth performance with key diesel advantages, such as high torque and optimum fuel economy.



Intuitive Design

A sophisticated Control Module and Mercury SmartCraft compatibility provide complete control over key engine functions. Optional **SmartCraft Digital Throttle & Shift (DTS)** offers smooth shifting, immediate throttle response and high-tech digital controls.



SEACORE
system

Corrosion-Resistance

Mercury diesels feature state-of-the-art anti-corrosion, including a **thermostatically controlled closed water-cooled system**. Water-cooled engine oil, gear oil and steering fluid decrease engine-room temperatures, extending engine life. The SeaCore system is available for the ultimate in saltwater protection.



Drives & Joystick Piloting

It's easy to perform like a pro in the marina and at the boat ramp when you're armed with Mercury's proven propulsion technology. Pair Mercury's sophisticated Bravo drive series with our Axius Premier Joystick system for effortless 360-degree manoeuvrability, and listen to the cheers. You never dreamed that docking and piloting your boat could be so simple.



The Business End

Mercury MerCruiser offers an outstanding selection of state-of-the-art drive systems for single and multi-engine applications. You can find the right match for any sterndrive-powered boat here, from runabouts to cruisers. Each of these drives is engineered to provide the manoeuvrability, efficiency, ease of maintenance, and reduced cost of operation that today's boaters demand, along with the power and performance you've come to expect from Mercury Marine.



Available with
SEACORE
system

Alpha One

It's the world's most popular sterndrive for many great reasons. Alpha One drives slice through the water almost effortlessly, thanks to their efficient hydrodynamic profile, which produces minimal drag and improves responsiveness. Alpha One is designed for boats capable of cruising at up to 65 mph, paired with petrol engines delivering up to 300hp. But what really makes this drive so popular is its low cost of operation. Maintenance-free features, including an integrated water pump and permanently lubricated pivot points, dramatically reduce maintenance time and costs while improving reliability and, ultimately, your boating experience.

Bravo One, One X & One XR

When we say Bravo, we're talking power. The Bravo One line of single, twin and triple drive applications features an exclusive performance-torpedo design and a deeper skeg that expands the rudder area, increasing steering response and manoeuvrability at high and low speeds.

Dual water pickups make these drives ideal for boats capable of reaching a blistering 100 mph and for petrol engines delivering up to 600hp.

Bravo One drives feature best-in-class shifting, while a trim-limit switch sets the drive angle for consistent maximum performance. The greaseable drive coupler makes service quick and easy without removing the drive unit.



Available with
SEACORE
system

Bravo Two, Two X & Two XR

Designed to deliver the thrust and lift that big cruisers and houseboats require, Bravo Two series drives are available in twin applications for petrol engines up to 450hp and deliver speeds of up to 55 mph.

Due to their longer-length design and the girth of the gearcase, Bravo Two drives can easily accommodate a huge 20-inch diameter prop with deeper gear ratios, providing high thrust, quick planing and improved fuel economy.

Maintenance-free hinge pins allow for easy service without having to haul the boat, while permanent pivot points minimise maintenance time – meaning your boat spends less time in the shop and more time on the water!



Available with
SEACORE
system

Bravo Three, Three X & Three XR

Featuring a highly efficient counter-rotating twin-prop design, Bravo Three drives deliver superior holeshot for fast planing, great acceleration, world-class performance and precision manoeuvrability in forward and reverse. Whether you're navigating in a crowded marina, docking in tight quarters, or simply throttling up for top performance, Bravo Three drives make handling intuitive, even in large boats.

They're also easy to maintain. The greaseable gimbal bearing allows for servicing without removing the drive unit and results in reduced costs. Available in single or twin installations, these drives can accommodate speeds of up to 65 mph and provide up to 525hp when paired with petrol engines.

JOYSTICK PILOTING

At Your Fingertips

Why should fighter pilots have all the fun? Mercury's Joystick Piloting systems provide 360-degree manoeuvrability with the touch of your fingers, providing effortless control whether you're idling through a no-wake zone, docking in high winds or backing into your marina slip at dusk. With Axios® Joystick Piloting for Sterndrives, your boating experience becomes even more enjoyable by removing the stress of operating in less-than-ideal situations.

Here's how easy it is. Push the joystick to the left and the boat moves left. Push it to the right, and the boat moves right. Rotate the joystick to the left or right, and the boat turns easily in the same direction. Push the joystick forward to move forward, and aft to go in reverse.

The joystick's intuitive design lets anyone – from experienced captains to novice boaters – manoeuvre large boats with confidence and ease.



Axius Premier

This upgrade package adds several experience-improving yet easy-to-use features to Mercury's Joystick Piloting system. Skyhook® Digital Anchor keeps your boat on station – maintaining your position and heading – regardless of wind and current. Auto Heading automatically holds your boat on course. The Precision Auto Pilot Pad allows you to select from a range of navigation operations with the touch of a finger. Axius Premier is designed for dual-engine Mercury and diesel DTS-ready engine applications with up to two helm stations.



Skyhook® Digital Anchor

Do you hate fighting windy conditions or strong currents while waiting for a bridge to open? Skyhook utilises GPS to pinpoint your boat's location, then automatically operates the sterndrives to maintain the same position and heading. It's also ideal for holding a boat over a fishing spot or keeping your place in line at the fuel dock.



Auto Heading

Using a built-in digital compass, Auto Heading automatically maintains your boat's course. The system allows you to make precise course corrections by tapping the arrow keys on the control pad to change course by 10-degree increments, or tapping the Axius Joystick for corrections as precise as one degree.



Waypoint Sequencing

This is chart plotting as you've never experienced it before! Paired with an approved Chart Plotter from Simrad™ or Lowrance® or a Mercury unlock GPS antenna, Mercury VesselView 7, Waypoint Sequencing allows you to automatically navigate to an active waypoint or to follow an active route with multiple waypoints on your way to your final destination. Once you program the route, the system precisely navigates it, making the journey simple, stress-free and fun.



THE MERCURY ADVANTAGE

Mercury Marine understands your love for being on the water. That's why, since our founding in 1939, Mercury has been focused on a single goal – to engineer, build and provide the best marine power possible. Our passion for quality, performance and value is driven by our larger mission to serve and satisfy customers in all facets of the recreational and commercial marine market. That is why we have built the largest, strongest service network in the world.

MERCURY PROPELLERS

Redefining Perfection

Performance, quality and decades of engineering experience have made Mercury Propellers® the world leader in sterndrive and inboard propeller production. Mercury Propellers beat the competition in top speed, acceleration and fuel economy. Each Mercury propeller is manufactured by Mercury Marine at its dedicated casting facility in Fond du Lac, Wisconsin, a legendary foundry that transforms molten metal into pure boating performance.



Getting ahead of the crowd - fast!

If you want performance and durability, look no further than Mercury's line of Stainless Steel and aluminium props. Some aftermarket competitors claim to have performance that beats Mercury's, but at Mercury, we test our own propellers as well as those of our competitors to ensure our customers receive only the best. If you care about the performance of your boat, choose Mercury propellers. There are no substitutes.



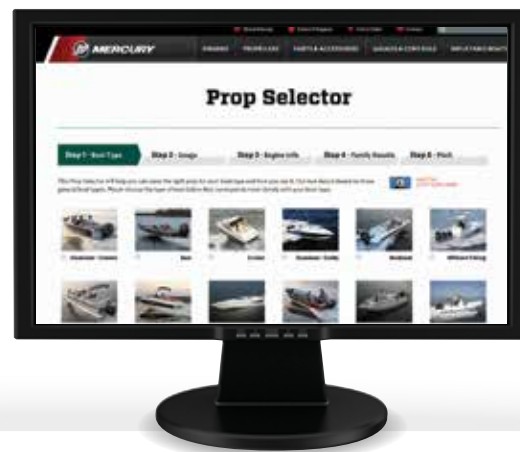
FLO-TORQ® HUB SYSTEM

For superior prop confidence and dependability, corrosion-resistant Mercury props feature Flo-Torq hub technology to protect your gearcase. Flo-Torq is also designed to get you home in the event of a prop strike. Flo-Torq hub systems feature innovative noise-reduction technology, and all Flo-Torq hubs are corrosion-resistant in freshwater and saltwater.

Find the perfect prop

Follow five easy steps on the **Mercury Prop Selector** to find the ideal prop options for your boat and conditions.

Try it now at:
mercurymarine.com.au
mercurymarine.co.nz



MERCURY SMARTCRAFT
INTEGRATED TECHNOLOGY

Knowledge is Power

Our goal for **SmartCraft** is simple: **Make boating easier.** We achieve that through the use of innovative technologies that are field-tested and proven to improve all aspects of the boating experience. SmartCraft technology is the backbone of Digital Throttle and Shift (DTS), Joystick Piloting and Mercury Marine exclusive features such as SmartTow and ECO. To keep you safe on the water, SmartCraft also monitors all critical engine functions and environmental conditions.

Ask your Mercury dealer for additional information and to help customise the right SmartCraft system for you.



Gauges



STANDARD DIESEL INSTRUMENTS INCLUDE

- Tachometer
- Volt meter
- Coolant temperature gauge
- Oil pressure gauge
- Trim gauge (sterndrive only)



SmartCraft SC1000 Tacho & System Link Gauges

Optional Displays



VesselView 4 monitors up to two engines



VesselView 7 monitors up to four engines

VESSELVIEW

Mercury VesselView – the premier engine information display in the industry – allows boaters to display engine information, genset, depth sounder and much more.

VesselView 4 & VesselView 7 provide multiple advanced features:

- **SmartTow[®]**: Mercury exclusive – Set speed or rpm to ensure a perfect pull out of the water. Ideal for a seasoned skier or a child on a tube. *DTS models only.
- **Cruise Control[®]**: Set your boat's speed with the push of a button – Adjust speed precisely, on the fly, just like you would with your car. *DTS models only.
- **Troll Control**: Set the engine trolling speed in increments of 10 rpm with the push of a button for precise control.
- **ECO Screen**: Mercury exclusive – Recommends trim and rpm settings to increase fuel economy up to 20%.
- **System Scan**: At startup, the display performs a diagnostic check of the engine, providing you peace of mind. System Scan runs continuously, in the background, whenever engine is keyed on.
- **NMEA 2000 Gateway**: Allows SmartCraft data to be displayed on NMEA 2000 devices, such as chart plotters. NMEA 2000 data such as latitude/longitude, distance/time to waypoint, depth, and water temp can be displayed on VesselView displays.
- **Multi-Language Support**: Information can be displayed in 16 languages.

VesselView 7 Exclusive Features:

- VesselView 7 can display video from cameras mounted on your boat to aid in docking, just like the reverse camera in your car.
- When paired with an enabled Simrad[™] or Lowrance[®] display or Mercury Unlock GPS antenna, the display can double as a chart plotter and will support Lowrance[®] and Simrad radar, sonar, SonicHub[™] and more.

Vessel Controls

At Mercury Diesel, our goal is to make your boating life simple, easy and enjoyable. We achieve this through developing highly reliable and innovative engines and then pairing them with superior electronic engine controls such as our optional Digital Throttle and Shift (DTS).

DIGITAL THROTTLE & SHIFT

Our SmartCraft **Digital Throttle & Shift (DTS)** delivers precise control and smooth operation to the Mercury Diesel experience.

Advanced DTS features* include:

- **Start / Stop** – Start and stop your engine with a push of a button
- **Single Lever Mode** – Control multiple engines with just one lever
- **Dock Mode** – Reduce throttle response by 50% for easier docking and improved manoeuvrability
- **Global Dimming Control** – Brighten / dim all Mercury helm-component lighting from one location at once

* Features dependent on control and application



Dual Handle
DTS Control

MERCURY PARTS & ACCESSORIES

Industry-Leading Protection

Sterndrive and inboard engines work in a tough neighbourhoods. Moisture, salt and extreme loads call for the specialised care provided by proven **Mercury Precision Lubricants**®. Engineered for the marine environment and tested in the toughest conditions, Mercury Marine specialised oils and lubricants help engines deliver their best performance, season after season. Make Mercury Precision Lubricants your choice during scheduled maintenance.



Mercury's entire line of new FourStroke oils are FC-W Catalyst Compatible.

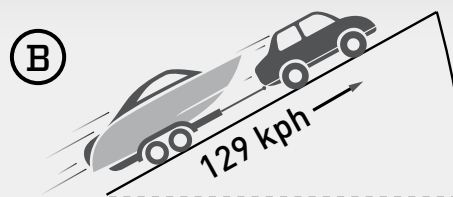
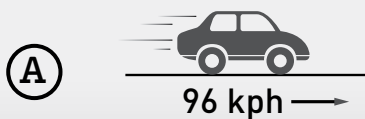




The Ocean is Not a Highway

Many people believe the technology that drives their boat is roughly the same as what powers their car or truck. That couldn't be any farther from the truth. Marine technology has to be far more durable and reliable, due to the unusually high levels of stress that are put on boat engines and drive systems.

Think of it this way. Picture a car driving down the road at 96 kph (A). That style of driving puts relatively little stress on the engine. To match the stress a marine engine faces at the same speed, that car would have to be driving up a 30 degree incline at 129 kph – while pulling a boat (B)! Think of the strain on that engine now.



A boat's engine also has to face considerably greater corrosion challenges, especially in salt water, as well as extreme climate conditions.

And that's not all. Marine engines have to be more durable, reliable and resilient than automotive engines for one very important reason: When your boat breaks down, you can't get out and walk away!

No one knows more about building tough, reliable marine power than Mercury. Why? Because it's all we've ever done. And we've been doing it for 75 years.

The right engineering

A world-class engine should be maintained with world-class parts. Mercury Precision Parts® are original parts and accessories, so they keep your engine within its original specifications. They should – they're designed by the same people who design Mercury engines.



SEACORE SYSTEM™

Available on Bravo Models

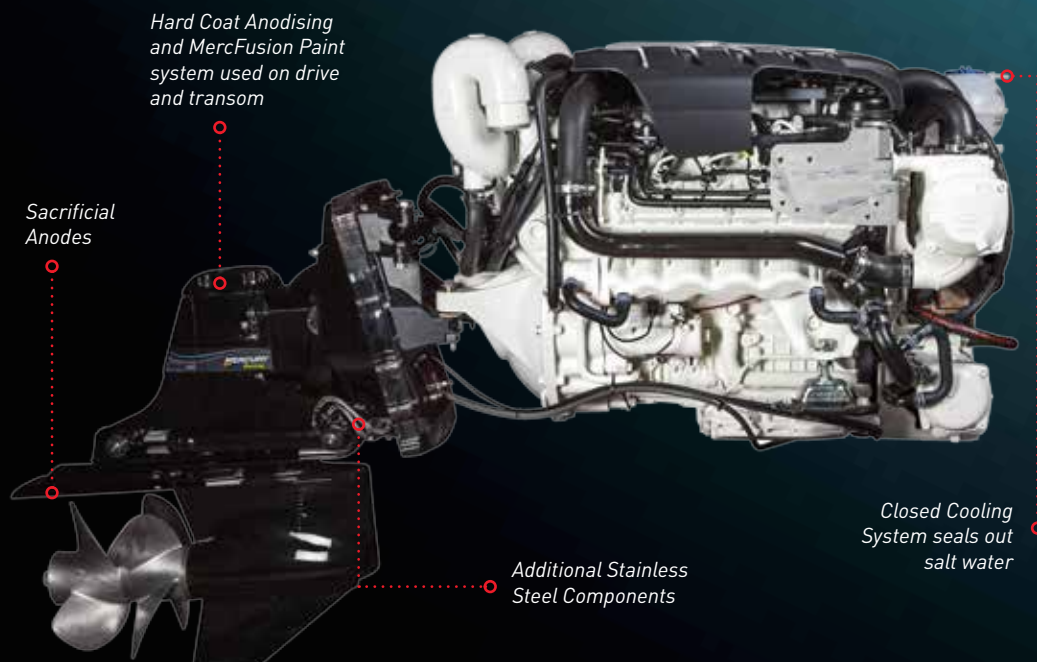
THREE **3** YEAR
CORROSION
WARRANTY

The World's Premier Saltwater System

Core Protection with a Three Year Limited Corrosion Warranty. Unmatched Corrosion Protection. Unequaled 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.

- Industrial hardcoat anodised XK-360 aluminium alloy drive and transom
- MerCathode® active corrosion protection
- SeaCore stainless steel package
- Closed-cooling system
- Freshwater Flushing optional



Connect with Us!

Mercury Marine takes pride in designing and building the finest marine products in the world. We provide information regarding those products, as well as our world-class services, via current and cutting-edge technologies and sites, including those listed below.



MercuryMarine.com.au MercuryMarine.co.nz

- Use the Mercury Prop Selector to find the ideal prop for your application
- Download technical installation drawings
- Easily locate part numbers in the Mercury Parts Catalog
- Watch exclusive videos, including “how-to” demonstrations, engine care tips and pro angler interviews
- Download comprehensive engine test data through Mercury Boat House Bulletins and engine tests
- Find answers to your inquiries via our lists of Frequently Asked Questions
- Compare spec charts across all products
- Find a dealer easy with our dealer-locator program
- The latest news and events are updated frequently

Boathouse Bulletins

- Real world performance figures
- Wide range of different vessels and engine models



Social Media

- Explore the wide world of Mercury Marine quality products and services
- Learn about our company – from inception to industry-leading innovation
- Ask questions, chat with our experts
- Connect with other boaters who share your passion for being on the water



YouTube.com

- Watch exclusive video content, including “how-to” demonstrations, engine care tips and interviews with professional anglers
- Learn about Mercury Marine products and the innovations and quality that make them industry-leading
- Meet the people who stand behind Mercury quality and reliability

[youtube.com/mercurymarineau](https://www.youtube.com/mercurymarineau)



Specifications

Rated Power Output

RPM	I-4 2.0L 115		I-4 2.0L 130		I-4 2.0L 150		I-4 150 VGT		I-4 2.0L 170		I-4 170 VGT		I-4 2.8L 220		I-4 4.2L 270		I-4 4.2L 320		I-4 4.2L 350		TDI 3.0L 230		TDI 3.0L 260		TDI 4.2L 335		TDI 4.2L 370			
	kw	bhp	kw	bhp	kw	bhp	kw	bhp	kw	bhp	kw	bhp	kw	bhp	kw	bhp	kw	bhp	kw	bhp	kw	bhp	kw	bhp	kw	bhp	kw	bhp	kw	bhp
4200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	244	332	272	370
4000	-	-	95	128	110	148	112	152	124	167	127	172	-	-	-	-	-	-	-	-	167	228	189	256	-	-	-	-		
3800	-	-	96	128	109	146	-	-	120	161	-	-	160	214	199	266	235	315	257	345	-	-	-	-	-	-	-	-		
3000	84	113	88	118	96	128	99	135	98	131	106	143	143	191	183	246	213	285	217	291	154	209	168	228	207	281	244	331		
2200	72	96	69	92	-	-	-	-	-	-	-	-	110	148	-	-	142	190	-	-	-	-	-	-	-	-	-	-		
2000	65	87	-	-	64	85	75	102	65	87	75	102	-	-	-	-	-	-	118	158	105	143	115	156	138	188	141	192		
1000	14	19	15	20	15	20	8.8	12	15	20	8.8	12	20	27	24	32	32	43	32	43	28	38	24	33	36	49	33	44		

Full Load Torque

RPM	I-4 2.0L 115		I-4 2.0L 130		I-4 2.0L 150		I-4 150 VGT		I-4 2.0L 170		I-4 170 VGT		I-4 2.8L 220		I-4 4.2L 270		I-4 4.2L 320		I-4 4.2L 350		TDI 3.0L 230		TDI 3.0L 260		TDI 4.2L 335		TDI 4.2L 370		
	N-m	ft-lb	N-m	ft-lb	N-m	ft-lb	N-m	ft-lb	N-m	ft-lb	N-m	ft-lb	N-m	ft-lb	N-m	ft-lb	N-m	ft-lb	N-m	ft-lb	N-m	ft-lb	N-m	ft-lb	N-m	ft-lb	N-m	ft-lb	N-m
4200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	551	406	638	471
4000	-	-	228	168	263	194	267	197	297	219	303	223	-	-	-	-	-	-	401	296	450	332	-	-	-	-	-	-	
3800	-	-	240	177	273	201	-	-	301	222	-	-	401	296	499	368	591	436	647	477	-	-	-	-	-	-	-	-	
3000	268	198	281	207	304	224	316	233	310	229	336	248	453	334	583	430	676	499	690	509	489	316	534	394	653	482	775	572	
2200	310	229	299	221	-	-	-	-	-	-	-	-	479	354	-	-	615	454	-	-	-	-	-	-	-	-	-	-	
2000	309	228	-	-	304	224	360	266	309	228	360	266	-	-	-	-	-	-	563	415	502	370	551	407	655	483	678	500	
1000	132	97	141	104	141	104	84	62	141	104	84	62	195	144	226	167	305	225	305	225	264	195	234	173	340	251	311	230	

Fuel Consumption - Prop Curve

RPM	I-4 2.0L 115		I-4 2.0L 130		I-4 2.0L 150		I-4 150 VGT		I-4 2.0L 170		I-4 170 VGT		I-4 2.8L 220		I-4 4.2L 270		I-4 4.2L 320		I-4 4.2L 350		TDI 3.0L 230		TDI 3.0L 260		TDI 4.2L 335		TDI 4.2L 370		
	l/hr	gal/hr	l/hr	gal/hr	l/hr	gal/hr	l/hr	gal/hr	l/hr	gal/hr	l/hr	gal/hr	l/hr	gal/hr	l/hr	gal/hr	l/hr	gal/hr	l/hr	gal/hr	l/hr	gal/hr	l/hr	gal/hr	l/hr	gal/hr	l/hr	gal/hr	
4200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	69.9	18.5	77.6	20.5
4000	-	-	29.5	7.8	34.1	9.0	32.3	8.5	37.3	9.9	36.4	9.6	-	-	-	-	-	-	47.7	12.6	54	14.3	-	-	-	-	-	-	
3800	-	-	23.8	6.3	26.6	7.0	-	-	30.4	8.0	-	-	50.0	13.2	60.6	16.0	71.9	19.0	81.4	21.5	-	-	-	-	-	-	-	-	
3000	21.8	5.8	12.7	3.3	13.6	3.6	13.2	3.5	15.1	4.0	14.6	3.9	24.2	6.4	28	7.4	32.3	8.5	34.7	9.2	40.3	10.7	43.4	11.5	27.4	7.2	29.4	7.8	
2200	9.5	2.5	5.8	1.5	-	-	-	-	-	-	-	-	10.5	2.8	-	-	14.1	3.7	-	-	-	-	-	-	-	-	-	-	
2000	7.6	2.0	-	-	5.1	1.3	4.9	1.3	5.7	1.5	5.0	1.3	-	-	-	-	-	-	12.2	3.2	7.9	2.1	8.5	2.3	9.4	2.5	10.3	2.7	
1000	1.5	0.4	1.2	0.3	1.2	0.3	0.8	0.21	1.2	0.3	0.8	0.21	1.7	0.4	2.1	0.5	1.8	0.5	2.7	0.7	1.8	0.5	2.0	0.5	2.0	0.5	2.2	0.6	

Rated Conditions: Ratings are based upon ISO 15550 reference conditions; air pressure of 100 kPa [29.612 in Hg], air temperature 25°C [77 deg F] and 30% relative humidity. Power is in accordance with IMCI procedure. Member NMMA. Rated Curves (upper): Represents rated power at the crankshaft for mature gross engine performance capabilities obtained and corrected in accordance with ISO 15550. Propeller Curve (lower) is based on a typical fixed propeller demand curve using a 2.7 exponent. Propeller Shaft Power is approximately 3% less than rated crankshaft power after typical reverse/reduction gear losses and may vary depending on the type of gear or propulsion system used. Fuel Consumption: Based on fuel of 35°C API gravity at 16°C [60°F] having LHV of 42,780 kJ/kg [18390 Btu/lb] and weighing 838.9 g/liter (7.001 lb/U.S. gal). *Test data not yet available.

Diesel Sterndrives

Engine	I-4 2.0L 115	I-4 2.0L 130	I-4 2.0L 150	I-4 150 VGT	I-4 2.0L 170	I-4 170 VGT	I-4 2.8L 220	I-4 4.2L 270	I-4 4.2L 320	I-4 4.2L 350	TDI 3.0L 230	TDI 3.0L 260	TDI 4.2L 335	TDI 4.2L 370
Power hp -Kw	115 84kW	130 96kW	150 110kW	150 112kW	170 124kW	170 127kW	220 160kW	270 199kW	320 235kW	350 257kW	230 169kW	260 191kW	335 246kW	370 272kW
Max rpm	3000	4000	4000	4000	4000	4000	3800	3800	3800	3800	4000	4000	4200	4200
Max torque	310 [Nm] @ 2400 rpm	301 [Nm] @ 2600 rpm	308 [Nm] @ 2600 rpm	360 [Nm] @ 2000	310 [Nm] @ 2600 rpm	360 [Nm] @ 2000	485 [Nm] @ 2600 rpm	603 [Nm] @ 2600 rpm	703 [Nm] @ 2600 rpm	704 [Nm] @ 2600 rpm	500.1 [Nm] @ 2000 rpm	555 [Nm] @ 2000 rpm	655 [Nm] @ 2000 rpm	782 [Nm] @ 2750 rpm
Displacement	2.0 [L]	2.0 [L]	2.0 [L]	2.0[L]	2.0 [L]	2.0[L]	2.8 [L]	4.2 [L]	4.2 [L]	4.2 [L]	3.0 [L]	3.0 [L]	4.2 [L]	4.2 [L]
Cylinders layout	4 in Line	4 in Line	4 in Line	4 in line	4 in Line	4 in line	4 in Line	6 in Line	6 in Line	6 in Line	V-6	V-6	V-8	V-8
Bore & Stroke	83 x 92mm	83 x 92mm	83 x 92mm	83 x 92mm	83 x 92mm	83 x 92mm	94 x 100mm	94 x 100mm	94 x 100mm	94 x 100mm	83 x 91mm	83 x 91mm	83 x 95mm	83 x 95mm
Fuel Consumption LPH @ rated RPM	21.86 @ 3000	29.55 @ 4000	34.16 @ 4000	32.3 @ 4000	37.36 @ 4000	36.4 @ 4000	50.6 @ 3800	60.66 @ 3800	71.96 @ 3800	81.46 @ 3800	47.7 @ 4000	53.7 @ 4000	TBA*	TBA*
Overall dim. (L x W x H)	802x710x 727mm	802x710 x727mm	802x710x 727mm	802x710x 757mm	802x710x 727mm	802x710x 757mm	861x772x 793mm	1077 x 773 x 790mm	1077 x 773 x 790mm	1077 x 773 x 790mm	927x813x 853mm	927x813x 853mm	1206x835x 836mm	1206x835x 836mm
Fuel injection	Common Rail	Common Rail	Common Rail	Common Rail	Common Rail	Common Rail	Common Rail	Common Rail	Common Rail	Common Rail	Common Rail	Common Rail	Common Rail	Common Rail
Turbo	Water Cooled	Water Cooled	Water Cooled	Variable Geometry Turbo (VGT)	Water Cooled	Variable Geometry Turbo (VGT)	Water Cooled	Water Cooled	Water Cooled	Water Cooled	Variable Geometry Turbo (VGT)	Variable Geometry Turbo (VGT)	Twin Variable Geometry Turbo (VGT)	Twin Variable Geometry Turbo (VGT)
Cooling	Closed Cooling	Closed Cooling	Closed Cooling	Closed Cooling	Closed Cooling	Closed Cooling	Closed Cooling	Closed Cooling	Closed Cooling	Closed Cooling	Closed Cooling	Closed Cooling	Closed Cooling	Closed Cooling
Fuel type	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel
Emission	RCD/IMO 2/EPA Tier 2/ BSO 2	RCD/IMO 2/EPA Tier 2/ BSO 2	RCD/IMO 2/EPA Tier 2/BSO 2	RCD/IMO 2/EPA Tier 3/ BSO 2	RCD/IMO 2/EPA Tier 2/ BSO 2	RCD/IMO 2/EPA Tier 3/ BSO 2	RCD/IMO 2/EPA Tier 2	RCD/IMO 2/EPA Tier 2/ BSO 2	RCD/IMO 2/EPA Tier 2/ BSO 2	RCD/IMO 2/EPA Tier 2/ BSO 2	RCD/IMO 2/EPA Tier 3/BSO 2*	RCD/IMO 2/EPA Tier 3/BSO 2	RCD/IMO 2/EPA Tier 3/BSO 2	RCD/IMO 2/EPA Tier 3/BSO 2
SmartCraft	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard
Digital Throttle & Shift (DTS)	N/A	N/A	N/A	(Bravo)	(Bravo)	(Bravo)	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional
Axius	N/A	N/A	N/A	N/A	N/A	N/A	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional
Eng. Weight (kg)	250kg	250kg	250kg	264kg	250kg	264kg	360kg	460kg	460kg	460kg	306kg	306kg	379kg	379kg
Eng Weight (incl. drive & transom) Alpha 1	N/A	322kg	322kg	346kg	N/A	346kg	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Eng Weight (incl. drive & transom) Bravo 1 X	N/A	N/A	N/A	364kg	355kg	364kg	465kg	565kg	565kg	N/A	411kg	411kg	484kg [^]	484kg [^]
Eng Weight (incl. drive & transom) Bravo 2 X	N/A	N/A	N/A	369kg	362kg	369kg	472kg	572kg	572kg	N/A	418kg	418kg	491kg [^]	491kg [^]
Eng Weight (incl. drive & transom) Bravo 3 X	N/A	N/A	N/A	373kg	367kg	373kg	477kg	577kg	577kg	577kg [^]	423kg	423kg	496kg [^]	496kg [^]
Eng Weight (Incl. Transmission)	275kg (TM345)	275kg (TM345)	275kg (TM345)	298kg (TM485)	286kg (TM485)	298kg (TM485)	396kg (TM485)	504kg (ZF63A)	504kg (ZF63A)	504kg (ZF63A)	350kg (ZF63A)	350kg (ZF63A)	423kg (ZF63A)	423kg (ZF63A)



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