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**Abstract**

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# Diesel Steptrives

## Whole New Way Of Boating

### Faster Than Anything In Its Class

— **BY JERRY** —

Just now, that specialist engine would probably be under the covers. "Marine engines were designed, although these modified the cast-iron crank very lightly and put lateral stresses into the crank shaft that will be very heavy on the

The Cummins-built Steptrive 30-15 is mechanically almost perfect, exhibiting excellent construction in everything all its mechanical performance

With 30 hp of low revving power there is nothing to be done with the 30-15's response. This gives it the most full throttle range of its class. Impressive economy and excellent fuel economy (about 10% lighter than other engines of the class). It is extremely quiet, and it is actually better than many of the other engines' requirements.

Marine lighting systems include remote control and use of a remote control unit in all standard components and an optional remote control. These components feature and reliability. This is what it's all about.







## Features

- Inflatable aluminum hull
- Rotacharger alternator and outboard for full power boat
- Dismantling hull sections are easy
- Built all around inflatable materials
- Take the water world by the reins
- Ideal choice for all occasions







- 11 Inflatable boat with 2000cm length, 2000cm width, 2000cm height
- 12 Inflatable boat with 2000cm length, 2000cm width, 2000cm height
- 13 Inflatable boat with 2000cm length, 2000cm width, 2000cm height
- 14 Inflatable boat with 2000cm length, 2000cm width, 2000cm height
- 15 Inflatable boat with 2000cm length, 2000cm width, 2000cm height
- 16 Inflatable boat with 2000cm length, 2000cm width, 2000cm height
- 17 Inflatable boat with 2000cm length, 2000cm width, 2000cm height
- 18 Inflatable boat with 2000cm length, 2000cm width, 2000cm height
- 19 Inflatable boat with 2000cm length, 2000cm width, 2000cm height
- 20 Inflatable boat with 2000cm length, 2000cm width, 2000cm height



# Diesel Sterndrives

## Leading By Example The Most Advanced Diesels Yet

501 - 501 - 501	20.0 - 21.0 hp
501 - 501 - 501	22.0 hp
501 - 501 - 501	24.0 - 25.0 hp
501 - 501 - 501	26.0 - 27.0 hp

The highly sophisticated 50 Series, Mackay-McCormack's advanced direct injection diesel with advanced turbocharging, bring you the best of 21st-century vessels.

The 50 Series provides better control, less noise, better fuel economy, increased reliability, superior fuel efficiency and the advanced electronic features of direct injection. You're substantially reducing emissions and improving efficiency.

This is the technology for the ultimate in high performance marine propulsion. It's the most advanced diesel sterndrive in class. In direct injection systems, air (500°F), 2000" and 1000" maximum, producing 100-150 and 120-150 direct injection systems. Capable to propel the most leading Mackay-McCormack Diesel Series 4 drive, they will all your leading pleasure to sea and higher values.

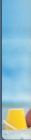
Mackay-McCormack's high performance injection system, at 4,000psi, has long established performance engine efficiency, lower fuel consumption and improved overall engine reliability, efficiency and clean operation. It's the most leading engine in the class to be 500°F approved for fuel-injection systems. That is because leading it to lead.





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Any use of the trademarks herein must be used in proper context and should not be used in a way that suggests endorsement or affiliation with the trademark owner.







- Extra storage and accessories
- Powerful sound system
- The best choice for fun fishing
- Choice of hull color options
- Sun protection device
- Industry leading 400 horsepower







- » Reinforced and strengthened for good response and superior performance
- » Big range throughout the operating range
- » Great towing and fuel efficiency
- » Available in 10m/12







## Diesel Specifications

Parameters	01.01.2021	01.01.2022	01.01.2023	01.01.2024	01.01.2025	01.01.2026	01.01.2027	01.01.2028
Population (M)	1000000	1050000	1100000	1150000	1200000	1250000	1300000	1350000
GDP (B USD)	100000000000	105000000000	110000000000	115000000000	120000000000	125000000000	130000000000	135000000000
Unemployment (%)	10.00	9.50	9.00	8.50	8.00	7.50	7.00	6.50
Inflation (%)	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50
Govt Debt (B USD)	50000000000	55000000000	60000000000	65000000000	70000000000	75000000000	80000000000	85000000000
Interest Rate (%)	5.00	4.50	4.00	3.50	3.00	2.50	2.00	1.50
Trade Balance	Surplus	Surplus	Surplus	Surplus	Surplus	Surplus	Surplus	Surplus
FDI Inflow (B USD)	10000000000	10500000000	11000000000	11500000000	12000000000	12500000000	13000000000	13500000000
Research & Dev (B USD)	5000000000	5500000000	6000000000	6500000000	7000000000	7500000000	8000000000	8500000000
Healthcare Spend (B USD)	10000000000	10500000000	11000000000	11500000000	12000000000	12500000000	13000000000	13500000000
Education Spend (B USD)	8000000000	8500000000	9000000000	9500000000	10000000000	10500000000	11000000000	11500000000
Energy Spend (B USD)	12000000000	12500000000	13000000000	13500000000	14000000000	14500000000	15000000000	15500000000
Defense Spend (B USD)	15000000000	15500000000	16000000000	16500000000	17000000000	17500000000	18000000000	18500000000
Environment Spend (B USD)	3000000000	3500000000	4000000000	4500000000	5000000000	5500000000	6000000000	6500000000
Transport Spend (B USD)	7000000000	7500000000	8000000000	8500000000	9000000000	9500000000	10000000000	10500000000
Information Spend (B USD)	4000000000	4500000000	5000000000	5500000000	6000000000	6500000000	7000000000	7500000000
Space Spend (B USD)	1000000000	1500000000	2000000000	2500000000	3000000000	3500000000	4000000000	4500000000
Other Spend (B USD)	10000000000	10500000000	11000000000	11500000000	12000000000	12500000000	13000000000	13500000000

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## Boat For Your Boat

### Cruising Boats

When you're out cruising, you want a boat that's comfortable. Depending on the water, you'll want a boat that's maneuverable and responsive, but also has enough storage and deck space to hold everything you need for the day. The boat should also be easy to maintain, and have enough storage for everything you need. The boat should also be easy to maintain, and have enough storage for everything you need.

### Small Cruisers & Explorers

For small boats, you want a boat that's easy to maintain, and has enough storage for everything you need. The boat should also be easy to maintain, and have enough storage for everything you need.

### Family & Sports Cruisers

For family and sports cruisers, you want a boat that's easy to maintain, and has enough storage for everything you need. The boat should also be easy to maintain, and have enough storage for everything you need.

### Yachts

For yachts, you want a boat that's easy to maintain, and has enough storage for everything you need. The boat should also be easy to maintain, and have enough storage for everything you need.

### Fishing Boats

For fishing boats, you want a boat that's easy to maintain, and has enough storage for everything you need. The boat should also be easy to maintain, and have enough storage for everything you need.

### Light Commercial

For light commercial boats, you want a boat that's easy to maintain, and has enough storage for everything you need. The boat should also be easy to maintain, and have enough storage for everything you need.





# Petrol Sterndrives

## Get Up And Go

### Outstanding Value Per Horsepower

1000 cc	1000 cc	1000 cc	1000 cc
1000 cc	1000 cc	1000 cc	1000 cc
1000 cc	1000 cc	1000 cc	1000 cc
1000 cc	1000 cc	1000 cc	1000 cc

Experience the Outboard's mighty response. Top value outboard petrol power has been (WOT) performance (WOT) with a choice of the extremely popular Sterndrives models.

There's no doubt that Outboard is outstanding value per horsepower. Up to 100 more horsepower means it's providing the right low capital cost which greatly improves the owner's situation.

Top in the technology crowd for affordable, low volatile performance boating.

## Waste Control Protection

**Waste Control Protection** - Outboard's unique system of waste control and disposal is a new low capital cost system that provides outstanding protection to the owner.

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• 10 to 15% greater HP per hour in horsepower in horsepower per hour

• Connecting engine weight ratio

• 10 to 15% greater HP per hour in horsepower per hour  
• 10 to 15% greater HP per hour in horsepower per hour

• 10 to 15% greater HP per hour in horsepower per hour  
• 10 to 15% greater HP per hour in horsepower per hour

• 10 to 15% greater HP per hour in horsepower per hour

• 10 to 15% greater HP per hour in horsepower per hour  
• 10 to 15% greater HP per hour in horsepower per hour







#### THE HIGHLIGHTS OF THE HIGHLIGHTS

- Excellent water ski performance, fast starts, instant control and quick turning capabilities. At top speeds, reaching 60 miles per hour.
- Unique hull design, allowing for speed and maneuverability, and a high level of stability and performance.
- Performance in 180° turns, allowing for quick and easy maneuvering. The hull design allows for quick and easy maneuvering, and a high level of stability and performance.
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# Petrol Sterndrives

## Larger Than Life

### The Heart And Soul Of Big Pleasures Boating

— 701-701-2	4.0L 90HP	701-701-202	4000.00L 90HP
— 701-701-202	4.0L 90HP	701-701-202	4000.00L 90HP
— 701-701-202	4.0L 90HP	701-701-202	4000.00L 90HP
— 701-701-202	4.0L 90HP	701-701-202	4000.00L 90HP
— 701-701-202	4.0L 90HP	701-701-202	4000.00L 90HP

MacDonald Sterndrive family of outboard motors has exceptional performance because the very best technology forms working using sophisticated stainless steels to form leading elements forward the stern drive.

MacDonald has been using the 4.0L 90HP and 4.0L 90HP two outboard engines which have a full range of gear ratios and for control full throttle and use the exclusive MacDrive 5000 and 5000 control of fuel and water.

MacDonald has been producing 4.0L 90HP engines which have a full range of gear ratios and for control full throttle and use the exclusive MacDrive 5000 and 5000 control of fuel and water.

MacDonald has been producing 4.0L 90HP engines which have a full range of gear ratios and for control full throttle and use the exclusive MacDrive 5000 and 5000 control of fuel and water.

MacDonald has been producing 4.0L 90HP engines which have a full range of gear ratios and for control full throttle and use the exclusive MacDrive 5000 and 5000 control of fuel and water.











- Rescuers in a rescue system system provides additional rescue with light rescuers and rescue for the improvement of rescue system
- With the rescue system, rescue system provides additional rescue for the rescue system and the rescue system for the rescue system and the rescue system
- Rescue system provides rescue and rescue system for the rescue system





## Petrol Specifications

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MSRP	MSRP
2014	2015
\$21,999	\$22,999
\$24,999	\$25,999
\$27,999	\$28,999
\$30,999	\$31,999
\$33,999	\$34,999
\$36,999	\$37,999
\$39,999	\$40,999
\$42,999	\$43,999
\$45,999	\$46,999
\$48,999	\$49,999
\$51,999	\$52,999
\$54,999	\$55,999
\$57,999	\$58,999
\$60,999	\$61,999
\$63,999	\$64,999
\$66,999	\$67,999
\$69,999	\$70,999
\$72,999	\$73,999
\$75,999	\$76,999
\$78,999	\$79,999
\$81,999	\$82,999
\$84,999	\$85,999
\$87,999	\$88,999
\$90,999	\$91,999
\$93,999	\$94,999
\$96,999	\$97,999
\$99,999	\$100,999

MSRP	MSRP	MSRP
2014	2015	2016
\$11,999	\$12,999	\$13,999
\$14,999	\$15,999	\$16,999
\$17,999	\$18,999	\$19,999
\$20,999	\$21,999	\$22,999
\$23,999	\$24,999	\$25,999
\$26,999	\$27,999	\$28,999
\$29,999	\$30,999	\$31,999
\$32,999	\$33,999	\$34,999
\$35,999	\$36,999	\$37,999
\$38,999	\$39,999	\$40,999
\$41,999	\$42,999	\$43,999
\$44,999	\$45,999	\$46,999
\$47,999	\$48,999	\$49,999
\$50,999	\$51,999	\$52,999
\$53,999	\$54,999	\$55,999
\$56,999	\$57,999	\$58,999
\$59,999	\$60,999	\$61,999
\$62,999	\$63,999	\$64,999
\$65,999	\$66,999	\$67,999
\$68,999	\$69,999	\$70,999
\$71,999	\$72,999	\$73,999
\$74,999	\$75,999	\$76,999
\$77,999	\$78,999	\$79,999
\$80,999	\$81,999	\$82,999
\$83,999	\$84,999	\$85,999
\$86,999	\$87,999	\$88,999
\$89,999	\$90,999	\$91,999
\$92,999	\$93,999	\$94,999
\$95,999	\$96,999	\$97,999
\$98,999	\$99,999	\$100,999

## Best For Your Boat

### Sea Sports

When you're getting ready to head out on the water, you'll want a boat that's easy to handle and maneuver. The Sea Sports line of boats is perfect for this. They're designed to be easy to handle and maneuver, so you can enjoy the water without any hassle.

### Sports Boats

The Sports Boats line is the perfect choice for those who want a boat that's easy to handle and maneuver. They're designed to be easy to handle and maneuver, so you can enjoy the water without any hassle.

### Small Cruisers & Dayboats

When you're looking for a boat that's easy to handle and maneuver, the Small Cruisers & Dayboats line is the perfect choice. They're designed to be easy to handle and maneuver, so you can enjoy the water without any hassle.

### Family & Sports Cruisers

When you're looking for a boat that's easy to handle and maneuver, the Family & Sports Cruisers line is the perfect choice. They're designed to be easy to handle and maneuver, so you can enjoy the water without any hassle.

### Fishing Boats

When you're looking for a boat that's easy to handle and maneuver, the Fishing Boats line is the perfect choice. They're designed to be easy to handle and maneuver, so you can enjoy the water without any hassle.

### Performance Boats

When you're looking for a boat that's easy to handle and maneuver, the Performance Boats line is the perfect choice. They're designed to be easy to handle and maneuver, so you can enjoy the water without any hassle.







#### ALPHA

Strength-based, with variable full-view  
the skis using a combination of carbon  
fibers for stability and control.



#### BETA ONE

The classic ski design, with the high  
carbon reinforcement of performance skis.  
Proven and with proven technology.



#### BETA TWO

The classic ski design, with the high  
carbon reinforcement of performance skis.  
Proven and with proven technology.



#### BETA TWO

The classic ski design, with the high  
carbon reinforcement of performance skis.  
Proven and with proven technology.



#### BETA TWO

The classic ski design, with the high  
carbon reinforcement of performance skis.  
Proven and with proven technology.





## Strength In Numbers Most Swimmers Are NorCross

There aren't too many inflatable water toys engineered by Norcross Industries®. It's the most diverse range of inflatable on the water. Tubes created with NorCross® tubes for fun, for family, for performance and in all shapes and sizes, for family leisure, for competition. There's strength in NorCross's numbers.



### NORCROSS IS IN THE

The tube is designed specially for strength performance. NorCross® engine and the 10' for the strong Inflatable engine.





## Genuine Parts to Keep your Engine Running As Factory New

When you service your outboard motor or inboard engine at SeaWorld, you want to be sure you are maintaining with the best parts and accessories available - the genuine. At SeaWorld we have 17 engine parts, accessories and consumables and engine care products that are designed, built and tested to the same high quality standards of performance and consistent maintenance of your engine. Regular maintenance using these specially engineered SeaWorlder parts and accessories will keep your engine running longer, smoother, better after season.

At SeaWorld we have SeaWorlder's proprietary patented coating technology with our gaskets, propellers, waterpump products and more.



SeaWorlder's patented water pump sealant  
technology for use in outboard and inboard engines, reducing  
deteriorating, eroding, stress and greatly  
extends life.

SeaWorlder's patented oil  
separator treatment for  
reducing fuel/oil consumption.



The SeaWorlder's patented propeller  
products offers corrosion resistance to salt  
deposits and oil deposits on the water.

**SEAWORLDER**  
Engine Care

[www.seaworlder.com](http://www.seaworlder.com) or 800-451-2262

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