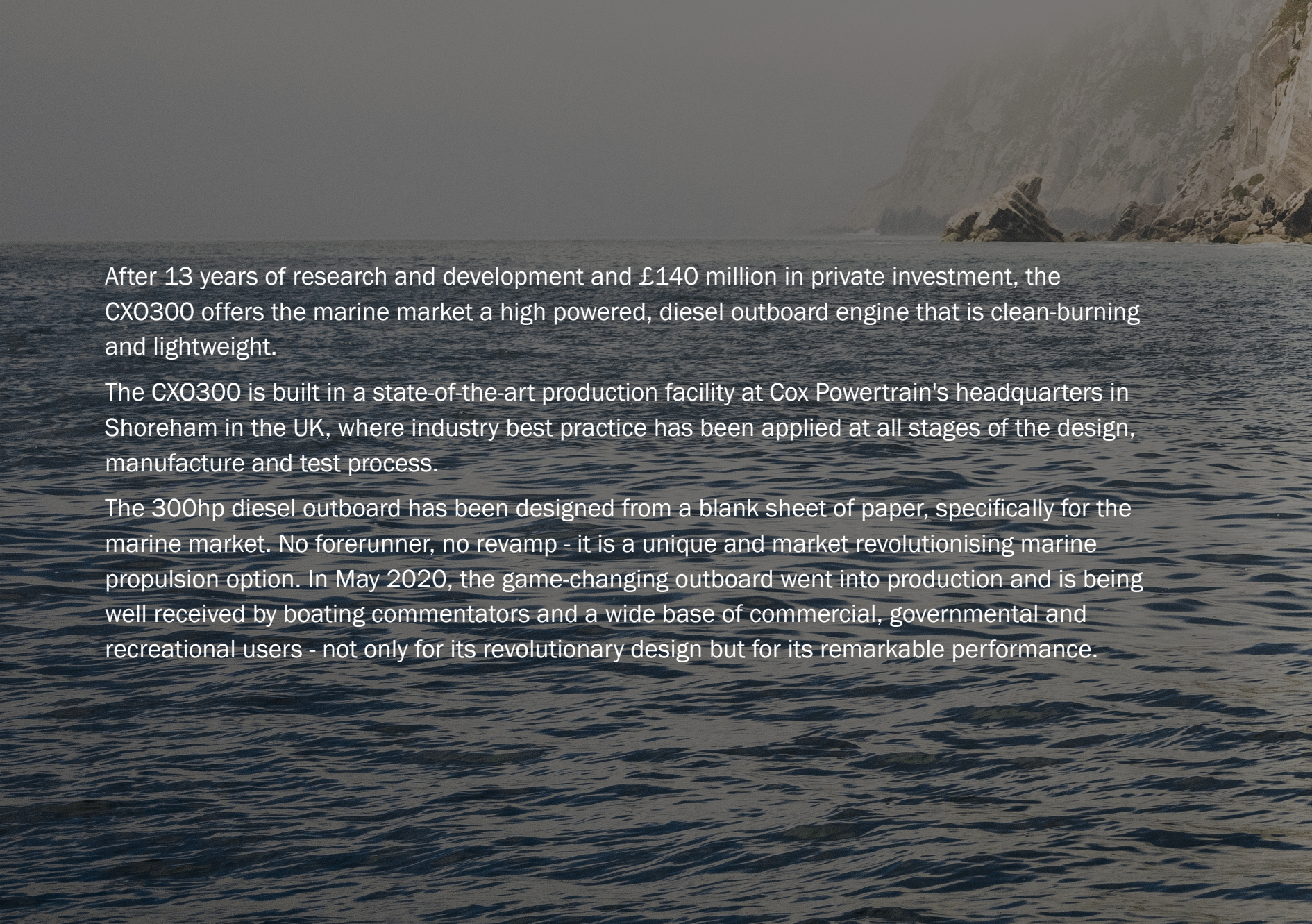




REDEFINING STANDARDS IN MARINE PROPULSION

 **COX**

 **CXO300**
diesel v8



After 13 years of research and development and £140 million in private investment, the CX0300 offers the marine market a high powered, diesel outboard engine that is clean-burning and lightweight.

The CX0300 is built in a state-of-the-art production facility at Cox Powertrain's headquarters in Shoreham in the UK, where industry best practice has been applied at all stages of the design, manufacture and test process.

The 300hp diesel outboard has been designed from a blank sheet of paper, specifically for the marine market. No forerunner, no revamp - it is a unique and market revolutionising marine propulsion option. In May 2020, the game-changing outboard went into production and is being well received by boating commentators and a wide base of commercial, governmental and recreational users - not only for its revolutionary design but for its remarkable performance.



**Powerful, clean-burning
and efficient**

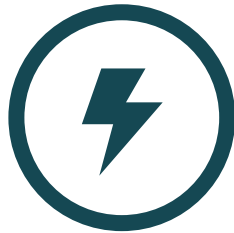


THE CXO300 MEETS GROWING DEMAND FOR A POWERFUL DIESEL MARINE OUTBOARD

"Pleasantly quiet and free of diesel knock and exhaust smell, the CXO300 outboard meets Tier III emissions standards, established by the federal Environmental Protection Agency"
Jim Hendricks / Sport Fishing



Designed for commercial and recreational use, the CX0300 is a new generation of diesel marine technology, offering a high-powered diesel outboard for the marine market. This is an innovative alternative to gasoline outboards and helps meet the increasing demand for outboards brought about by reasons of safety and convenience.



300

HORSEPOWER



30%

LESS FUEL



479^{FT.}LB

TORQUE



An aerial, top-down view of the stern of a white boat. Two white outboard motors are mounted on the transom, churning the water and creating a white wake. The boat's hull and deck are visible at the top of the frame. The water is dark with white foam from the propellers. Two white diagonal lines cross the image from the top-left and bottom-right corners.

**A HEAD-TURNER DESIGNED AND
BUILT SPECIFICALLY FOR
MARINE USE**



The CX0300 diesel outboard is designed and built specifically for marine use and has premium attributes and aesthetics.

Available in a choice of black or white, the eye-catching outboard features bold lines and chrome accents. The external cowlings are manufactured by one of the world's leading premium carbon fibre production facilities and creates a premium quality finish, whilst ensuring durability.

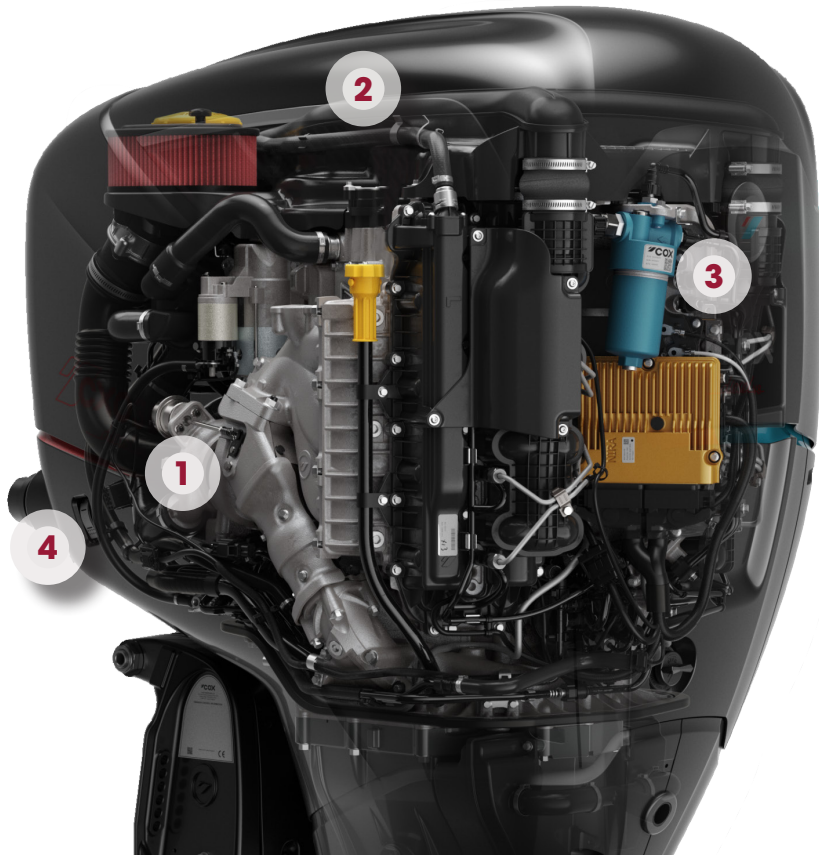
The CX0300 has been developed to be compatible with existing industry standards, making it easy to install on a wide range of marine vessels.



A CLOSER LOOK AT THE CXO300'S QUALITIES



The Cox diesel outboard uses twin turbo-chargers to deliver a pressurised charge to each cylinder of the V8 diesel powerhead.



1 V8 4.4L TWIN TURBO ENGINE

The CX0300 has twin turbos that generate significantly more torque at lower RPM and maintain this power across a variety of engine speeds.

2 VERTICAL CRANKSHAFT

The vertical crankshaft design allows for efficient packaging and direct drive to the transmission, providing closer transom spacing for multiple installations.

3 POWER DISTRIBUTION MODULE

This module allows for active power management of the outboard power systems. Equipped with self-resetting fuses that reduce the requirement for user intervention to replace physical fuses, these prevent damage and provide galvanic isolation.

4 ELECTRONIC CONTROLS AND STEERING

The Optimus Steering System enhances control of your vessel. Compatibility with existing industry standard NMEA 2000 makes it easy to install on a wide range of vessels.



A CLOSER LOOK AT THE CXO300'S QUALITIES





5 COX DESIGNED PTT

Designed by Cox Powertrain, the CX0300's Power Tilt and Trim bracket is built to withstand the toughest sea conditions and has been put through extensive durability testing.

6 UNIVERSAL TRANSOM BOLTING PATTERN

Allows easy installation to a wide range of vessels, making repowering easier than ever.



A CLOSER LOOK AT THE CXO300'S QUALITIES





7 TRANSMISSION

The transmission has been specifically designed to withstand Cox's high torque, even when sea conditions are at their most challenging.

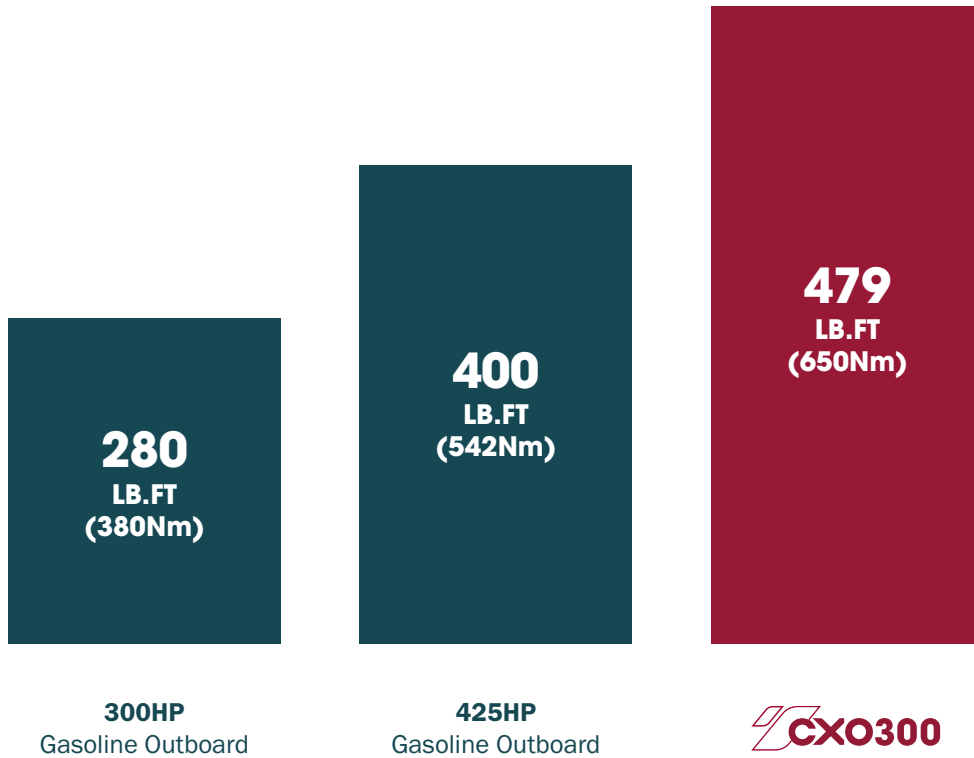
8 STANDARD PROPELLER SPLINE

1.25" 19 tooth spline output shaft ensures both durability and compatibility with a range of industry standard hub kits and propellers.



**THE ONLY DIESEL POWERHEAD
FOR AN OUTBOARD OF ITS SIZE**





The commercially rated CXO300 delivers impressive performance, including 479 lb.ft torque (650Nm) from 2250-3000 RPM, allowing your vessel to move through the water in a controlled and smooth manner.



PERFORMANCE

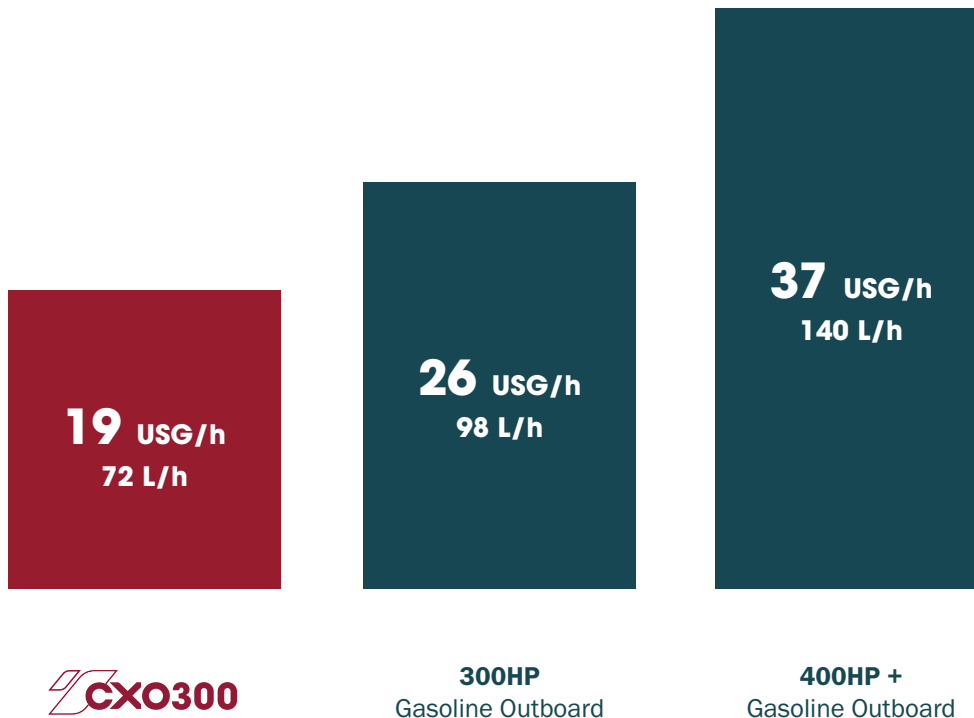


A close-up photograph of a white Cox outboard motor mounted on the stern of a boat. The motor is splashing water, and the brand name 'COX' and 'diesel' are visible on its side. The background shows the blue water of the sea and the white hull of the boat.

UNPRECEDENTED FUEL SAVINGS AND EXCEPTIONAL LIFE SPAN

"Cox claim about 25% better fuel economy compared to a similar petrol outboard. Well we've done our tests and we actually got better than that so they're pretty amazing."

*Barry Thompson /
Pacific Powerboat Magazine*



CX0300

300HP
Gasoline Outboard

400HP +
Gasoline Outboard

With up to 30% fuel efficiency compared to a 300hp gasoline outboard, and with an exceptional lifespan that is far greater than your average gasoline outboard, the CX0300 proves to be an incredibly cost effective outboard, making it a popular marine propulsion option.

This data is based on a sea trial using an Intrepid 345 (34ft) with a total weight of 15,200lbs. Full Performance data available at coxmarine.com.



Scan for more performance data



PERFORMANCE



A WIDE RANGE OF MARINE APPLICATIONS



The CX0300 has been uniquely designed, but that doesn't limit its applications. After all, it meets all existing industry standards, and brings its exceptional performance to a wide range of commercial and recreational vessels.



FISHING

The CX0300's excellent fuel efficiency allows a longer range, helping crews to reach those extra special fishing spots to get their catch of the day.



COAST & DEFENCE

This high-performance, V8 diesel outboard engine quickly reaches its top speed of 4000RPM, getting you to where you need to be, swiftly and efficiently.



WORKBOAT

With a 24/7 global support network in place, the commercially rated CX0300 has been built to support commercial operations.



**AN OUTBOARD THAT MEETS
TOUGH FUEL EMISSIONS
STANDARDS**





Competitor
Diesel Inboard

Competitor
Diesel Outboard

CXO300

Combined HC & NOx (g/kWh) Source: U.S. EPA regulation limits diesel and gasoline outboards

Cox Powertrain are committed to delivering a long-term development programme of ground-breaking and sustainable diesel outboards to a wide range of users. It was imperative to design a clean-burning diesel outboard to ensure its ability to meet current and evolving emissions standards.

Throughout the CXO300's design and development journey, it was put through rigorous testing programmes and has successfully achieved EPA Tier 3, RCD II, and IMO II certifications of approval.

With combined emissions as low as 4.6 g/kWh, and up to 30% better fuel efficiency, the CXO300 is environmentally friendly and incredibly cost effective.



**WANT TO TAKE THE HELM?
EXPERIENCE THE CXO300**



1 FULL COLOUR LCD SCREENS

All helm displays are full colour LCD screens, providing your engine performance data in high quality graphics. Optional touch screen displays are available to add a stylish touch to your helm station.

2 WIRELESS IGNITION

CoastKey's remote start system provides freedom of movement around the vessel, as well as a man-overboard detection safety system, and automatic engine shutdown when the fob is out of range.

3 HYDRAULIC STEERING

Lock-to-lock turns and wheel effort are programmable to change with engine RPM. Joystick and Sea Station GPS Anchoring upgrades are available.

4 NMEA 2000 COMPATIBLE

The CX0300 controls have been developed to be compatible with existing industry standards including NMEA 2000.



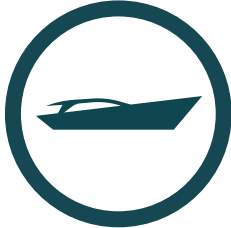
A close-up photograph of several interlocking metal gears. The gears are dark, possibly black or dark grey, and have a textured surface. The teeth of the gears are sharp and well-defined. The background is blurred, showing more of the mechanical assembly. The image is framed by white diagonal lines that create a sense of depth and focus on the gears.

**PURCHASE WITH CONFIDENCE
ANYWHERE IN THE WORLD**



Cox Powertrain are proud to deliver the CXO300 diesel outboard to customers worldwide, with the help of their global support network. With over 70 Cox representatives covering more than 140 territories, to ensure that exceptional and efficient customer support is available no matter where you are located.

CXO300 WARRANTY



RECREATIONAL

5 YEARS
1500 HOURS



COMMERCIAL

12 MONTHS
1000 HOURS

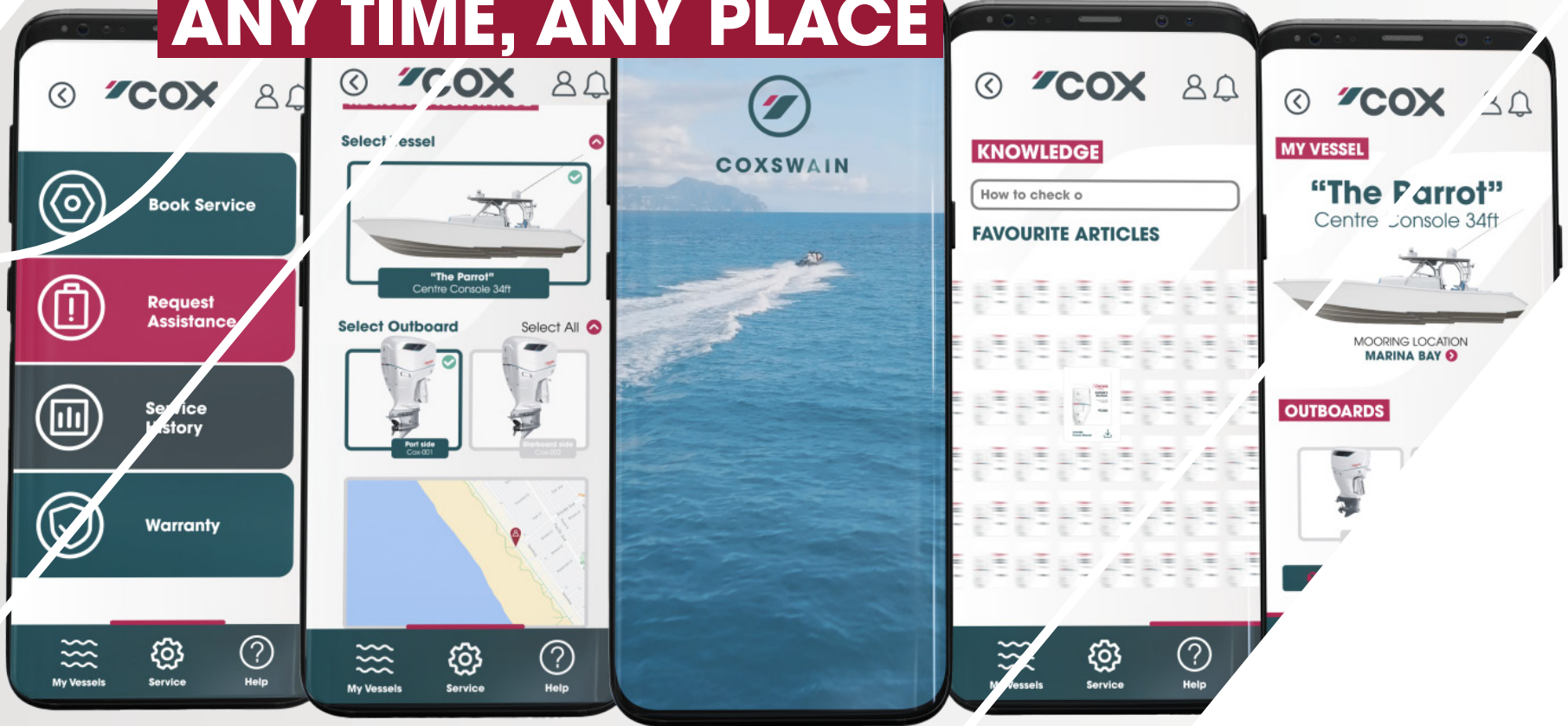


COMMERCIAL+

18 MONTHS
1500 HOURS



MANAGE YOUR CXO300 ANY TIME, ANY PLACE





COXSWAIN

Available on **Desktop, Tablet** and **Smartphones** on **Windows, iOS,** and **Android**

As part of Cox's determination to deliver unrivalled aftersales service, Cox have developed an innovative and intelligent mobile app, Coxswain™ – a powerful new outboard tool that allows customers to manage their CX0300s remotely.

The Coxswain™ app provides a unique and personally tailored experience for Cox customers, allowing them to have full visibility of their Cox-powered vessels and owner's documentation and warranty information, and to request technical support at the touch of a button. This innovative customer service tool is a direct link between Cox's end users and the global network of Cox representatives, ensuring help is always available no matter where a customer is in the world.



REQUEST
TECHNICAL
ASSISTANCE



MANAGE
YOUR FLEET OF
VESSELS



ACCESS
TO KNOWLEDGE
GUIDES



CRAFTSMANSHIP, CARE AND ATTENTION TO DETAIL





At Cox Powertrain's headquarters in the UK, Cox has built a bespoke production facility for manufacturing the CX0300. This facility features sophisticated technology and equipment and is heavily influenced by manufacturing facilities used in the luxury car industry, demonstrating the true craftsmanship, care and attention that goes into the build of every outboard.

Technicians are instructed digitally on the tasks they need to perform to complete the build to specification. Wireless tooling is also used throughout the build process in conjunction with a Manufacturing Execution System (MES) that tracks the full build history.

For continued piece of mind, every outboard is put through a testing procedure in the production test cell, which features a dynamometer to measure the torque and power in different conditions, at varied loads. It is here each powerhead is B.I.P.O. (break in and pass off) tested and put through its paces.



BUILT
WITH SCALABILITY
IN MIND



BESPOKE
TO COX
POWERTRAIN



TECHNICAL SPECIFICATION



PERFORMANCE		TRANSMISSION DATA	
Propeller shaft power, kW (hp)	224 (300)	Shaft Length, inch(mm)	25"(635) / 30"(762) / 35"(889)
Engine propping speed, rpm	3700-4000	Ratio (Propeller speed)	1.23:1 (3259) / 1.46:1 (2739)
Peak torque, Nm (lb.ft)	650 (479)	Propeller spline specification	1.25" shaft / 19 tooth
OUTBOARD DATA		POWERHEAD DATA	
Weight, kg (lb)	393 (866)	Displacement, L (cu.in.)	4.4 (266)
Emission compliance	EPA 3, IMO II, RCD II	Number of cylinders	8
Trim range	- 4° to +16°	Bore/stroke, mm (in.)	84 (3.3) / 98.5 (3.9)
Tilt range	71°	Compression ratio	16:1
Colour options	Black / White	Aspiration	Twin-turbo
WARRANTY RATINGS			
Commercial	Light-duty commercial Max. 2 hrs in 12 at full load Typ. load factor 50% at up to 1500 hrs/year	Recreational	Max. 1 hr in 12 at full load Typ. load factor 30% at up to 400 hrs/year



DISCLAIMER





This brochure does not purport to be comprehensive or to contain all the information that a prospective customer may need.

The information contained herein is based on currently available information and sources, which we believe to be reliable, but we do not represent it is accurate or complete.

Prospective customers must make their own investigation and assessment of the products and concepts presented herein.

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