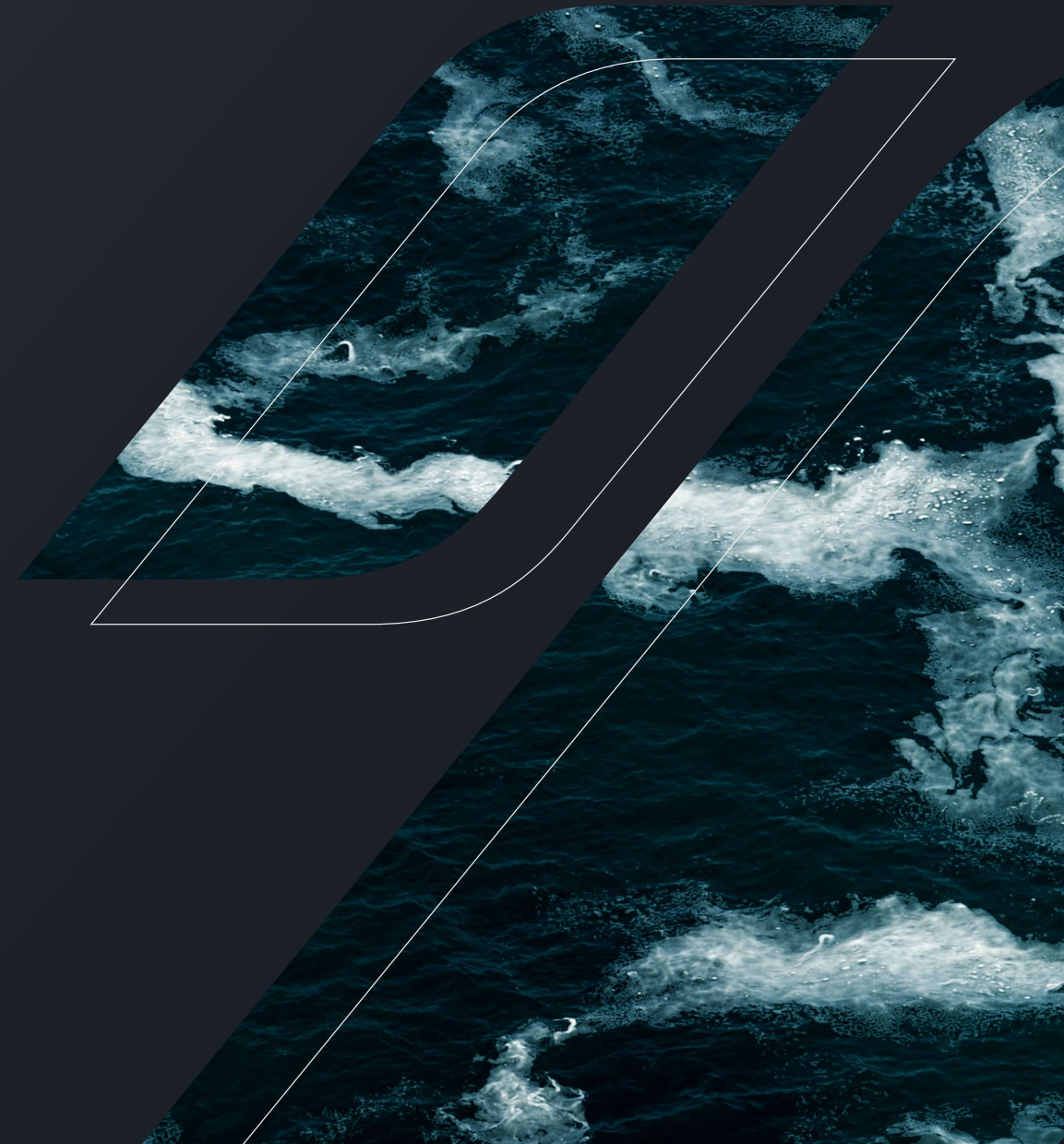




ABOUT COX POWERTRAIN

JANUARY 2021





OUR ORGANISATION





OUR JOURNEY



Privately Owned



British Company



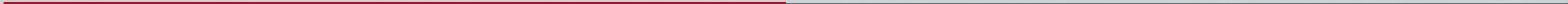
Founded in 2007



142 Current Staff
Members



\$100m Private
Investment





OUR JOURNEY

1990s

Charles Good starts the search for a lightweight diesel engine

2010

The first fire of Cox's concept engine and commencement of design for the Alpha engine

2014

Charles Good hires Tim Routsis as CEO of Cox Powertrain

2018

The CX0300 global launch takes place in November 2018, with worldwide demonstrations taking place

2008

Charles meets David Cox. The design of David's lightweight diesel engine begins

2013

Alpha engines demonstration begin, and a more defined beta design was developed

2016

Work to secure a global distributor network commences, with an expected 50 distributors, worldwide

2020


With emission certification approval, production of the CX0300 begins in May 2020



OUR GLOBAL SUPPORT NETWORK



 31 Distributors

 100 Countries Covered

 Over 400 Dealers



The COX logo features the brand name in a bold, dark blue sans-serif font. To the left of the letters is a stylized graphic element consisting of three parallel diagonal lines in shades of blue and green.

THE CXO300





ADVANTAGES



25%

LESS FUEL



480 ft.lb

OF TORQUE

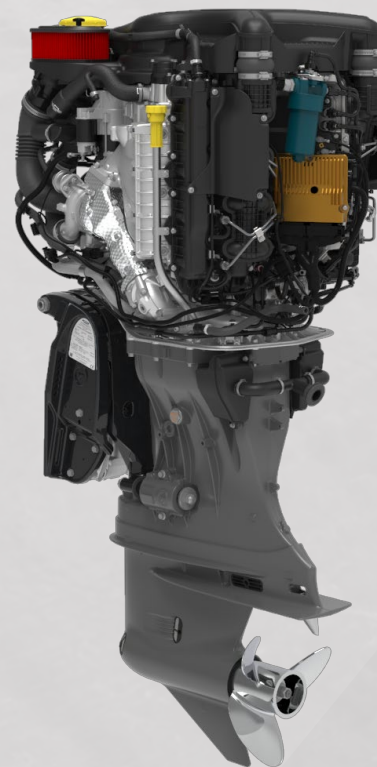


3.0x

LONGER LIFE









THE DESIGN





TECHNICAL DATA – MEASUREMENTS & ENGINE SPECS

	Power	224kW (300hp)
	Weight	393kg (866lbs)
	Height (25" leg)	1197mm (78.6")
	Length	887mm (34.51")
	Width	673.6mm (26.52")

	Max RPM	4000
	Max Torque	650Nm (480ft.lb)
	Displacement	4.4 Litre
	Cylinders	8
	Stroke	4
	Intake	Turbocharged



TECHNICAL DATA – FUEL & OTHER SPECS



Fuel

Diesel



Requirement

BS EN 590 & F76



Consumption
Peak

270g/kWh



System

Common Rail



Starter

Electric



Alternator

100 Amp



Battery

12v



Service Interval

250h/1 year



Warranty

1500h/5 years



Emissions
Certification

EPA 3 / IMO II / RCD II



BRITISH ENGINEERING - PRODUCTION

THE APPROACH

- ▀ Production in 4 distinct areas – cylinder head, powerhead, transmission and full assembly
- ▀ Four advanced test cells including a water tank to submerge the outboard in to and dynometers for measuring the torque and power in different controlled conditions at varying loads.
- ▀ Facility designed with flexibility for future products and scalable to meet growing demand
- ▀ Computer controlled production line with full traceability (QM Systems)
- ▀ Full engine by engine history, electronically stored
- ▀ Manufactured to a premium quality standard
- ▀ Fully tested prior to dispatch



TARGET MARKETS



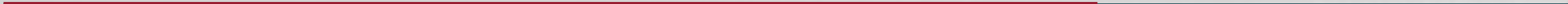
TOTAL COST OF
OWNERSHIP USERS



TENDER
VESSELS



RECREATIONAL
& LEISURE





TARGET MARKETS

TOTAL COST OF OWNERSHIP USERS

(FISHERMAN, AQUATIC SPORTS, LOCAL GOVERNMENT AGENCIES, AQUAFARMING, ETC.)

- ▀ Long hours of regular usage (from 700h to 1500h a year)
 - ▀ Key focus on Total Cost of Ownership (which is a result of fuel consumption and uptime)
 - ▀ Availability of diesel fuel
 - ▀ Require a trusted dealer network
-



TARGET MARKETS

TENDER VESSELS

(MILITARY, COAST GUARD, SUPER YACHT TENDERS, OFFSHORE SUPPORT TENDERS, ETC)

- ▀ Varied user profiles (from 300h to 3000h a year)
 - ▀ Safety and availability of diesel fuel
 - ▀ Maximum engine power
 - ▀ Ease of replacement
 - ▀ Require a global service network
-



TARGET MARKETS

RECREATIONAL & LEISURE

- ▀ Occasional usage (from 50h to 200h a year)
- ▀ Concerned with range and speed
- ▀ Focused on appearance and brand kudos



THE CXO300 ON THE WATER





BENCHMARK COMPARISON

	CXO300	300HP GAS OUTBOARD	300HP DIESEL INBOARD	200HP DIESEL OUTBOARD
Power @ Prop	300hp	300hp	300hp	200hp
Weight	380kg/838lbs	260kg/575lbs	547kg/1205lbs	350kg/772lbs
Price	€45k/\$55k	€20k/\$22k	€44k/\$52k	€45k/\$55k
Time between overhaul	3000h	1200h	-	2000h
Commercial Warranty	1500h/18m	12m	1000h/12m	1000h
Recreational Warranty	1500h/5Y	3+2Y	-	1000h
Emissions compliant	Yes	Yes	Yes	Yes
Distance to centres	28.5"	28.5"	N/A	32"
Shaft lengths	25"/30"/35"	25"/30"/35"	N/A	25"/33"
Prop Speeds	2739/3262	3243/3428	2247/2424	2369/1889
Service intervals	200/1000	200/800	-	200/800
Alternator output	100A	70A	180A	130A



CXO300 TWIN INSTALLATION

PERFORMANCE DATA



Vessel Length

34'6"



Beam

10'6"



Vessel Model

Intrepid 345 Nomad



Water Temp (°F)

81



Air Temp (°F)

79



Wind (MPH)

5-10



Fuel (US Gallons)

140



Weight (lbs)

15,200



Crew

3



Trim Tabs

No



CXO300 TWIN INSTALLATION

PERFORMANCE DATA

RPM	MPH	GPH	MPG
2250	16.5	12.2	1.3
2500	19.7	14	1.4
2750	24.8	16	1.51
3000	19.1	19.1	1.83
3250	24.7	24.7	1.76
3500	46.2	28.5	1.64
3750	49.4	34	1.45
4001	51.5	38.3	1.34

