



PROJECT OCEAN

89' (27.30m) 2023 Arksen Custom
United Kingdom



OVERVIEW

Manufacturer: *Arksen*

Engines: 6

Engine Model:

Engine HP: 0

Beam: 22' 11"

Max Draft: 5' 1"

Water: 1585 G (6000 L)

Hull Material: Aluminum

Cruise Speed: 12 Knots

Max Speed: 14 Knots

Cabins/Heads: 3 /

Fuel Type: Diesel

Fuel: 4755 G (18000 L)

Call for Price



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Data Sheet

Category: Expedition Yacht	Crew Cabins: 1	Gross Tonnage: 125
Condition: Used	Crew Sleeps: 2	Displacement: 112 tonnes
Model Year: 2023	Maximum Speed: 14 Knots	Stabilizers: Standard and Zero Speed
Beam: 22'11" (7.01m)	Cruise Speed: 12 Knots	Fuel Tank: 4755 gal (18000 liters)
Max Draft: 5' 1" (1.55m)	Range NM: 7000	Fresh Water: 1585 gal (6000 liters)
(0.00m)	Fuel Type: Diesel	Holding Tank: 4755 gal Classification: Lloyds
LOA: 89' 6" (27.30m)	Hull Material: Aluminum	MCA Certified: Yes
LWL: 84' 7" (25.79m)	Hull Shape: Semi Displacement	Builder: Arksen
Cabins: 3	Air Conditioning: Yes	Interior Designer: Unlimited
Sleeps: 6		Exterior Color: Grey
Twin Berths: 2		Stock #: 34234a55-d15d-ee11-be6f-000d3a32e0cf
Double Berths: 1		

Engines/Generators

Engine 1	Engine 2	Engine 3	Engine 4	Engine 5	Engine 6
200KW	200KW	200KW	200KW	200KW	200KW

Summary/Description

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Hull & Dimensions

Type:	Arksen 85
Hull:	Aluminum
Superstructure:	Aluminum
Builder:	Arksen Ltd
Model:	Arksen 85
Year built:	2023
L.O.A:	27.40m
Hull length:	26.22m
Beam:	7.01m
Draft:	1.55m
Displacement:	Full Load 112 tonnes
Cruising Speed:	9-12 knots
Max Speed:	14 knots
Max Range:	7,000 nm
Max Electric Range:	30 nm
Design:	Arksen / Humphreys Yacht Design
Flag:	Cayman Islands

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Flag:	Cayman Islands

Mechanical Equipment

Engines: 3 x 200kW Variable Speed Diesel Generators (Praxis Hybrid System)

Engine hours: Commissioning hours only

Propulsion: 2 x 250 kw Electric Motors

Propellers: Twin Screw, 5 blade,

Fuel Capacity: 18,000 litres

Keenan Fuel Polishing System

Fresh Water capacity: 6,000 litres

Cathelco Seafresh H2016 Mk3 Duplex RO Water Maker, 2 x 276 lph

Cathelco HEM Water Softener

Black water tank: 900 litres

550 litres sludge tank

Hamman Compact 0125 Sewage Treatment Plant

Thrusters: OYS 36kW Fixed Bow Thruster/ OYS 36kW Swing Down Stern Thruster

Control: Wireless, joystick control position keeping and maneuvering system

Stabilisation: Humphree Fin Stabilisers

1 x SK 09 and 1 x SK 18 Seakeeper Gyro Stabilisers

Humphree Interceptor Ride Control System

Air Conditioning: MAR-IX Air Conditioning System

Heating: CWarm 33 Diesel Boiler

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Heating: CWarm 33 Diesel Boiler

Electricity

Generators: 3 x 200kW Variable Speed Diesel Generators

Batteries: 160kWh LiFePO4 Propulsion/House Batteries in A60 Battery Room

200 Ah LiFePO4 24V DC Service Battery Bank

300 Ah LiFePO4 24V DC Emergency Battery Bank

100 Ah LiFePO4 24V DC GMDSS Battery Bank

Shore Power: 3 Phase 63A 50Hz or 60Hz

Glendinning shore power cable reels

AC Power: 3-Phase 400V 50Hz AC Power to primary consumers

Single Phase 230V 50Hz AC Domestic ring main

Solar Power: 6kW Maximum output

Electricity

Generators: 3 x 200kW Variable Speed Diesel Generators

Batteries: 160kWh LiFePO4 Propulsion/House Batteries in A60 Battery Room

200 Ah LiFePO4 24V DC Service Battery Bank

300 Ah LiFePO4 24V DC Emergency Battery Bank

100 Ah LiFePO4 24V DC GMDSS Battery Bank

Shore Power: 3 Phase 63A 50Hz or 60Hz

Glendinning shore power cable reels

AC Power: 3-Phase 400V 50Hz AC Power to primary consumers

Single Phase 230V 50Hz AC Domestic ring main

Solar Power: 6kW Maximum output

Navigation

4 x 24" Touchscreens at main bridge for navigation, control and monitoring

2 x 24" Touchscreens at lower bridge for navigation, control and monitoring

2 x Furuno DR12A NXT Open Array Radar Scanners

Anschutz Standard 22 Compact Gyro Compass with heading repeaters at each bridge

Furuno SCX-20 GPS Compass

Furuno PG700 Solid State Rate Gyro Fluxgate Compass

Furuno Autopilot, control head at each bridge

Furuno GP170 GPS

Furuno GP39 Backup GPS

Furuno FA-170 Class A AIS

Furuno FI-70 Instruments at main bridge, lower bridge, crew cabin

Furuno TZT3 9F MFD in crew cabin

FLIR M364C Stabilised Camera

4 x External, 2 x Engine Room, 1 x Battery Room CCTV Cameras

Network Video Recorder

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4 x 24" Touchscreens at main bridge for navigation, control and monitoring

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Furuno FI-70 Instruments at main bridge, lower bridge, crew cabin

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FLIR M364C Stabilised Camera

4 x External, 2 x Engine Room, 1 x Battery Room CCTV Cameras

Network Video Recorder

Communication

2 x Furuno FM4850 VHF with handsets at upper and lower bridge

Thrane LT-3100S Iridium GMDSS

Furuno Felcom 9 Inmarsat C Terminal

Sailor 4300 Iridium Certus Satellite Data

KVH VSAT V7HPS Satellite Data

Furuno NX700B Navtex

Yellowbrick YB3i Tracker

Pepwave MAX BR1 Mk2 4G Router

On board WiFi Network

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On board WiFi Network

Audio & Video

Sony 55" TV on lift in main saloon

Sony 40" TV on lift in upper saloon

Sony 43" TV in snug/office

Samsung 32" Frame TV in master cabin

Apple TV, Chromecast and network connection for each TV

Sonos Audio in each cabin and saloon

Sonos Audio at main deck and upper deck aft seating areas

Sonos Move portable audio for external spaces

OutClass-R Media Server

Crestron Control of AV and Hotel Systems

Audio & Video

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Sony 40" TV on lift in upper saloon

Sony 43" TV in snug/office

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Deck Equipment

Ultra 130 kg SHHP Stainless Steel primary anchor

Lewmar Claw 80kg Stainless Steel secondary anchor

140m of 14mm stainless steel short link chain per anchor

2 x Lewmar V8 3-ph Vertical Stainless Steel windlass with Gypsy and Warping Drum

2 x Andersen 62 stainless steel self tailing winches for aft deck line handling

2 x Lewmar EST REVO back winding winches for outrigger and lifting control

Opacmare 3078-45 hydraulic crane for tender handling

Carbogale carbon fiber folding gangway

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Accommodation

Master Suite configured as double ensuite bedroom, plus snug/library/office/cabin with direct access

Port guest cabin can be configured as double, twin, or triple

Starboard guest cabin can be configured as single or double

Twin crew cabin

Laundry/utility/storage space

Main deck aft lobby with storage and day head/shower

Open plan galley and large seating/dining area on main deck. Office/concealed bridge area forward.

Seating/dining area on bridge deck. Ships office/chart table. Bridge area forward.

Seating/dining area on main deck aft. Awning for shade. Servery/BBQ area.

Seating/dining/sunbathing area on main deck forward. Awnings for shade.

Seating areas on bridge deck forward and aft

External decks covered in Tesumo sustainable timber

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