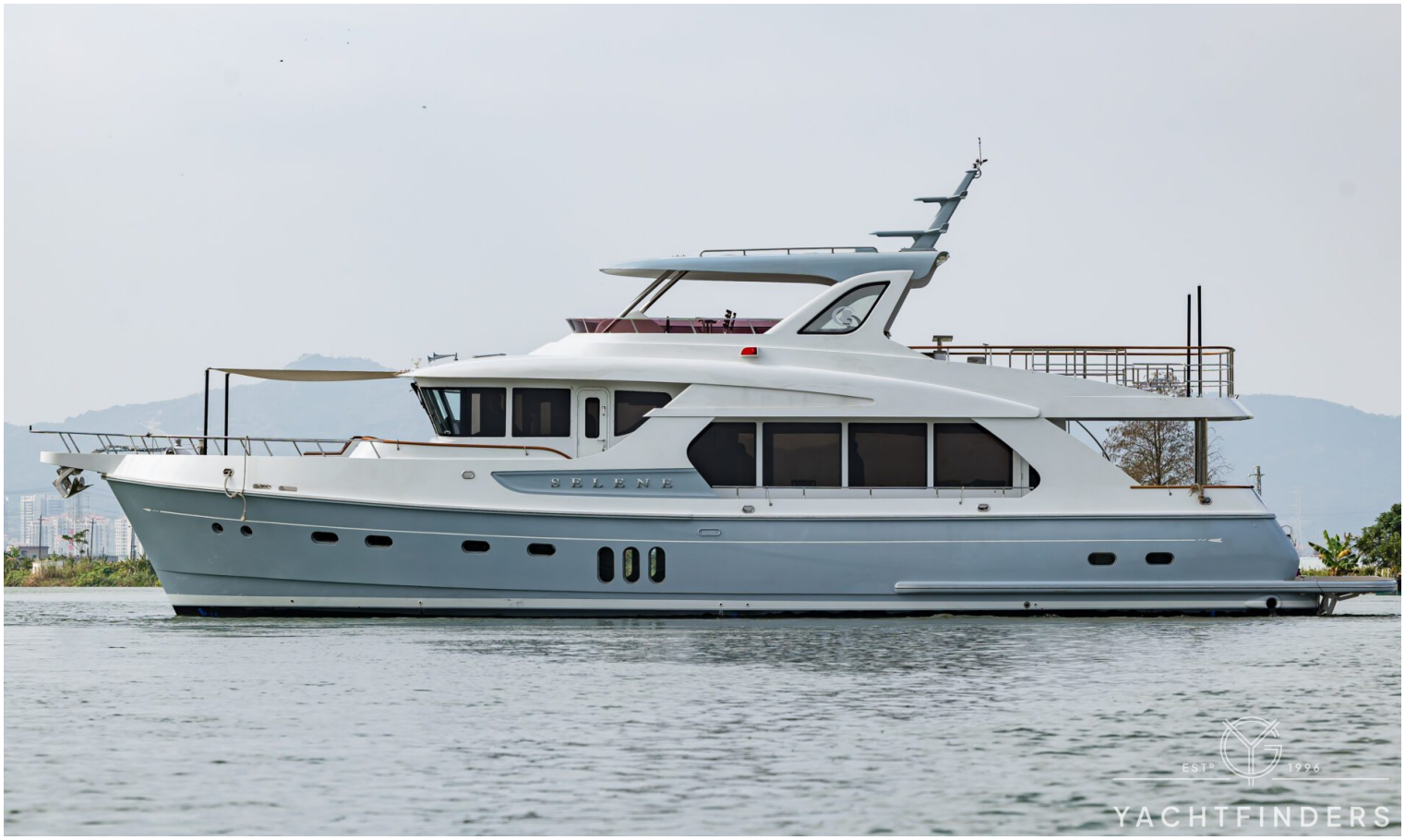
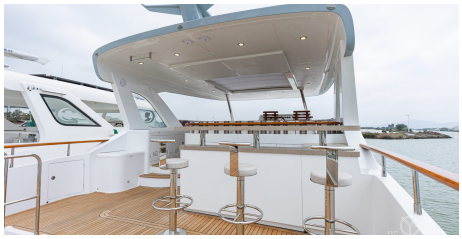
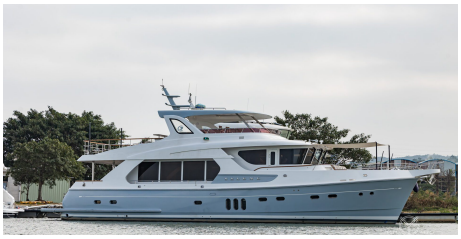
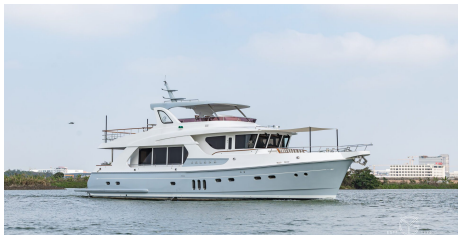
YACHTFINDERS GLOBAL
Tel: +64 9 377 3328
Fax: +64 9 377 3325
info@yachtfindersglobal.co.nz









Selene 72 Explorer View at Cannes Boat Show

Description

The Selene 72 yacht, a product of a collaboration between Howard Chen and James Fwu, represents a combination of modern styling and the enduring qualities of a classic ocean-going vessel. Here are the key features and details of the Selene 72: Design Collaboration: Howard Chen worked with Guido de Groot, a renowned Dutch designer, to create yachts that maintain

General

Year:	2024
Price:	$POA
Additional Charges:	None
Broker Quote:	A true ocean going passagemaker - the most popular trawler in New Zealand!

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Boat Type:	Power
Hull Type:	Trawler
Location:	Auckland
Engine/Fuel:	Diesel
Hull Material:	GRP

Dimensions

Length:	72 ft
LOA:	23,11 m
LWL:	21,48 m
Beam:	5,92 m
Draft:	1,90 m
Bridge Clearance:	7.6 m
Displacement:	72 tons

Engines

No. of Engines:	Two
Engine Brand:	Cummins QSL9 405 BHP @ 2100 RPM
Engine(s) HP:	405 hp
Cruising Speed:	9 knots
Max Speed:	11.5 knots

Builder / Designer

Builder:	Selene Yachts
Designer:	Howard Chen and Guido de Groot

Tankage

Fuel:	11,355 Litres
Water:	2,271 Litres
Holding:	757 Litres

GENERAL CONSTRUCTION

Hull lamination:

The hull lamination schedule is per the construction plan. The area below the water line will use “Isophthalic” Gelcoat and vinyl ester resin for the first three (3) layers. The deck lamination schedule is per the construction plan. Construction plans for the structure will be based on standards set by the AMERICAN BUREAU OF SHIPPING (ABS).

Core Materials:

- Cabin side (vertical surfaces): Divinycell of varying degrees of thickness
- Cabin top and deck (horizontal surfaces): Baltic or equivalent vertical end-grain balsa,1″ thick

Deck/hull joint:

FRP Details:

- Hand-laid Cymax bi-axis and uni-direction stitched woven roving/mat
- Vacuum resin infusion hull and superstructure
- Four watertight bulkheads (chain locker, collision locker, forward E/R, Aft E/R)
- Transverse frames and longitudinal girders system
- Vinylester resin for the first three layers
- Transverse frames and longitudinal girders system
- CPP Gelcoat for the hull, deck, superstructure and non-skid surfaces
- FRP radar arch with s/s radar support
- FRP staircase from the cockpit to flybridge
- Built-in settee at cockpit and flybridge
- Built-in settee at the foredeck
- Integral fully protected keel & rudder shoe
- Recessed bow thruster tunnel
- Integral FRP stern thruster casing

- Between deck and hull flange: 3M 5200
- Inside of joint: Three (3) layers M. & W.R. in all accessible locations
- Mechanical fastening: 3/8″ thru-bolts on 6″ centres

Longitudinal Stringer:

- Hull: Full length of each port and starboard
- Hull: Transverse Frame System

Watertight bulkheads:

- Watertight bulkheads per the construction drawing will include, but not be limited to, the following areas: between crew quarters and E/R, E/R and lower guest cabins, aft the bulkhead of Fwd. The guest cabin and chain locker/collision bulkhead are included.

MACHINERY DETAILS

Main Engine:

- Twin Engine Cummins QSL9 405 BHP @ 2100 RPM. Wet exhaust & 24VDC starting
- Gear Box: ZF 360, 2.917:1 reduction
- Alternators: 24VDC 80AMP
- Walker “Air Sep” crankcase ventilation
- Two (2) Vision 6FM200D-X batteries connected in series for 24VDC 200AMP start

Propellers:

- NiBrAl alloy 4-blade counter-rotating propellers. Propellers to be built to I.S.O. class 1

Propeller Shafts:

- Aqualloy 22 or equivalent, 3″ diameter
- Taper details: Standard SAE
- Line cutters on each main engine shaft

- Engine beds are to have a 1/2” stainless steel cap on top of the bed and a 1/4″ plate on the sides. The plates are to be highly polished stainless steel.
- Each engine is mounted on (4) resilient mounts
- FRP drip pan under engine

Engine Controls and Panels:

- Two (2) stations: pilothouse, flybridge. Controls in the aft deck and P&S bridge are optional.
- Engine instrument panels with alarms that will monitor Tachometer, Engine oil pressure,
- Engine water temp, System voltage, Gear oil pressure and fuel burn for each main engine.

Shaft tubes

- Material: Amartech FRP
- Bearings: rubber cutlass type
- Stuffing Box: bronze

Fuel Filter(s):

- One (1) Racor 75-900MAX duplex with 10-micron filter elements.
- One (1) Racor 75-500MA filter is included in addition to a secondary generator-mounted filter for the generator engine. A second filter is optional for the optional generator.

Engine room floor :

- All engine room floors and structural members are to be FRP with white gel-coated surfaces

Additional Images