



## Heysea Yachts Company Limited

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## Asteria 108





**ASTERIA108**  
**THE ARISTOCRAT IN SEA**

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Make way! The king is coming to town.

Meet Asteria108 and you would love it from the first sight. The exclusive trendy design of the hull corresponds with the dynamic nature of the yacht. The unique layout, the spacious flybridge and the relaxation area make her a restful paradise. Surely, it would attract admiring gazes and it would be an undeniable privilege for the guest to be invited on board. Its aristocratic soul does not need words to describe.

There is no doubt of style. The skylight in the front of the boat provided perfect natural lighting to the dining area. The elegant foredeck sunbathing area, and the aft swimming platform is only one step away from nature. The panorama windows allows for an incredible scene. The thrill of looking out at the open water from the flybridge with an innovative hard top. These are truly the perfect demonstration of the balance between aesthetic value and practicality.

The painstaking attention to detail is the essence of the craftsmanship for building this super luxury "ocean hotel". The master stateroom, 3 VIP bedrooms, and 2 guest bedrooms gives plenty of space for a good night rest. Independent en suite washrooms, bathing tubs and separated crew cabin observes the privacy of the owner.















## TECHNICAL SPECIFICATIONS

### PRINCIPAL DIMENSIONS

Length overall:	33.10 m
Beam:	7.10 m
Draft:	1.50 m
Displacement:	120 tons
Fuel capacity:	9000L
Water capacity:	2000L

### HULL CONSTRUCTION:

- Hand-laid GRP
- Gel coat or PU paint for outer skin
- Vinyl ester skin coat for anti-osmosis
- Unsaturated polyester resin
- Stitched multi-axial reinforced single skin for bottom and hull sides
- PVC foam cored deck and superstructure
- Hull stiffened with longitudinal stringers supported by transverse bulkheads and floors
- Watertight compartments
- Antifouling paint below waterline

### DECK EQUIPMENT

- Teak laid deck
- Pulpit and handrails with stainless steel stanchions
- White rubber side protection with SS layer
- 4 stainless steel bollards
- 4 stainless steel fairleads
- 6 stainless steel cleats
- 2 electronic anchor windlass and capstan controlled from foredeck and wheelhouse
- 2 hawses with roller and chain stopper
- 2 galvanized high holding power anchors
- 2" 100 meters galvanized chains (Ø12mm)
- Self-draining chain locker
- Anchor and chain wash down
- Fresh water deck wash
- Bulwark doors on port and starboard side
- Waterproof lighting around side windows
- Waterproof lighting around side decks
- Sunpad (foredeck)
- U-shape seats (foredeck)
- FRP tea table (foredeck)
- 2 marine speakers besides sunpad (connected to saloon AV system)
- Remote control spotlight at bow
- Stainless steel oil, water filler and vents

### BATHING PLATFORM

- Teak laid deck
- Shore power system
- Dockside water connection
- Hot/Cold water hand-held shower
- Foldable bathing ladder
- 2 stainless steel cleats

### AFT COCKPIT

- Teak dining table with 6 chairs
- Built in aft seat molding
- Teak laid stairs to flybridge
- Teak laid cockpit sole
- Teak laid stairs to bathing platform
- Stainless steel framed sliding doors to main saloon
- Stainless steel framed door to bathing platform
- Waterproof overhead lighting
- Waterproof low-level lighting
- 2 speakers connected to main saloon hi-fi
- 4 stainless steel cleats

- 4 stainless steel fairleads
- 2 cockpit stern gates
- Dock side TV/telephone/network connection
- Side open door and stairs to galley
- Monitoring camera

### FLYBRIDGE

- Direct access from the wheelhouse and from the aft cockpit
- Teak laid flybridge deck
- Hatch (Stainless steel frame and tempered glass) above stairs
- Curved windscreen (Stainless steel frame and acrylic)
- Stainless steel hand rails and flag pole
- FRP hard top
- Remote control spotlight
- Lighting under hard top
- Low-level lighting
- Waterproof U-shape and I-shape seats
- GRP tea table
- Wet bar with sink and hot/cold water tap
- Granite surface
- Sunpad
- Deckwash outlet
- Barbecue socket
- 2 speakers connected to main saloon hi-fi
- Loudhailer
- Horns
- Navigation Lights
- Radar Antenna
- Satellite TV Antenna
- Lighting rod

### FLYBRIDGE HELM

- Helm and co-pilot seats
- FRP dashboard with waterproof cover
- Power assisted hydraulic steering gear
- Stainless steel steering wheel
- Full engine instrumentation and alarm system
- Compass
- VHF handset
- Rudder angle indicator
- Radar
- 4 in 1 navigation system consist of:
  - Radar/Depth and speed displays/chart plotter/GPS
  - 8" Color display LCD screen
- Windlass controls
- Bow and stern thruster control
- Spotlight/horns/navigation light controls

### INTERIOR STANDARD

- American walnut or Burma teak wood
- Gloss or flat paint finishing
- FRP panel for wall and ceiling of toilet
- Teak or cherry flooring for saloon and wheelhouse
- Carpet flooring for owner's stateroom/VIP cabin/guest cabin
- Anti-skid floor for toilet
- Teak laid galley floor
- Upholstered ceiling for saloon and bedrooms
- Upholstered or wooden panel walls for saloon and bedrooms
- GRP ceiling for toilets and crew cabin
- Marble anti-skid flooring for bathing area
- Electrical curtain throughout the yacht

### MAIN SALOON

- Aft Sliding doors in stainless steel and safety glass

- Tempered safety glass windows
- Leather sofas (shape and size subject to customized layout)
- Low coffee table
- LCD television (50")
- DVD/CD/MP3 player/Amplifier/iPod connector
- Surround sound system
- Overhead lighting
- Satellite TV system

#### DINING AREA

- Dining table with 10 chairs
- Cabinet with doors and drawers
- Overhead lighting
- LCD television (50")
- Skylight (subject to owner's choice of layout)
- Electrical curtain for skylight

#### GALLEY

- Granite/marble top
- SS kitchen sink
- Hot/cold water tap
- Cabinets and overhead lockers
- Safety flooring
- Ceramic electric two-ring hob
- Microwave
- Refrigerators/freezer
- Dish washer
- Extractor fan ducted externally
- 2 portholes with blinds
- Overhead lighting

#### RAISED WHEELHOUSE

- Safety glass windscreen
- Windscreen wipers with SS arm and washer
- Wooden integrated pilot platform with artificial leather covering
- Adjustable leather pilot seat
- SS steering wheel covered with teak
- Power assisted hydraulic steering gear
- Radar displayer (12")
- 3 in 1 navigation system, consist of
  - Depth and speed displays/chartplotter/GPS
  - 8" LCD color display
- Navtex receiver
- VHF with DSC
- HF/MHF
- AIS system
- Compass
- Bulkhead clock
- Thermometer and hygrometer
- Ruder angle indicator
- Full engine instrumentation and alarm system
- Main engine electronic controls
- Main engine emergency stop
- Generators instrumentation and alarm system
- E/R extraction fans emergency stop
- Fuel level and fresh water level indicator
- Bilge water level alarm system
- Navigation lights control and alarm system
- Fire alarm panel
- Public address system
- Windlass control
- Bow and stern thruster control
- Horn/spotlight/windscreen wiper controls
- Fire pump control
- Phone to engine room
- CD/radio/mp3 player

- 2 ceiling speakers
- Overhead lighting
- Teak flooring
- Teak stairs to main deck
- Teak stairs to flybridge

#### MAIN DECK PUBLIC TOILET

- TMC toilet
- Lockers and shelves
- Washbasin and granite top
- Mirror
- Towel rails
- Extractor fan
- Overhead lighting
- Shower accessories

#### OWNER'S STATEROOM

- King size bed
- 2 Bedside cabinets
- Double bar sofa
- Dressing table
- 2 Wardrobe
- 2 Portholes with blind
- 2 Bedside lights
- Lamp
- Overhead lighting
- LCD television (50")
- Skylight (subject to owner's choice of layout)
- 2 ceiling speakers

#### OWNER'S STATEROOM EN-SUITE BATHROOM

- TMC toilet
- High wardrobe
- Bathtub
- Porthole with blind
- Washbasin and granite top
- Mirror
- Towel rails
- Extractor fan
- Razor socket
- overhead lighting
- Shower accessories

#### BOW VIP STATEROOM

- Queen size bed
- Fitted carpet
- Bedside cabinets
- Dressing table
- Windows with blind
- Portholes with blind
- Storage cabinets and drawers
- Bedside lights
- Overhead lighting
- LCD television (32")
- 2 ceiling speakers
- Door to en suite bathroom

#### BOW VIP STATEROOM EN SUITE BATHROOM

- TMC toilet
- Lockers and shelves
- Shower cubicle with door
- Porthole with blind
- Washbasin and granite top
- Mirror
- Towel rails
- Extractor fan
- Razor socket

- Overhead lighting
- Shower accessories

#### PORT VIP STATEROOM

- Queen size bed
- Fitted carpet
- Bedside cabinets
- Dressing table
- Windows with blind
- Portholes with blind
- Storage cabinets and drawers
- Bedside lights
- Overhead lighting
- LCD television (32")
- 2 ceiling speakers
- Door to en suite bathroom

#### PORT VIP STATEROOM EN SUITE BATHROOM

- TMC toilet
- Lockers and shelves
- Shower cubicle with door
- Porthole with blind
- Washbasin and granite top
- Mirror
- Towel rails
- Extractor fan
- Razor socket
- Overhead lighting
- Shower accessories

#### STARBOARD VIP STATEROOM

- Queen size bed
- Fitted carpet
- Bedside cabinets
- Dressing table
- Windows with blind
- Portholes with blind
- Storage cabinets and drawers
- Bedside lights
- Overhead lighting
- LCD television (32")
- 2 ceiling speakers
- Door to en suite bathroom

#### STARBOARD VIP STATEROOM EN SUITE BATHROOM

- TMC toilet
- Lockers and shelves
- Shower cubicle with door
- Porthole with blind
- Washbasin and granite top
- Mirror
- Towel rails
- Extractor fan
- Razor socket
- Overhead lighting
- Shower accessories

#### PORT GUEST CABIN

- 2 single beds
- Bedside cabinets
- Wardrobe
- Bedside lights
- Overhead lighting
- Door to en suite bathroom
- Portholes with blind
- LCD television (20")
- 2 ceiling speakers

#### PORT GUEST CABIN EN SUITE

- TMC toilet
- Lockers and shelves
- Shower cubicle with door
- Porthole with blind
- Washbasin and granite top
- Mirror
- Towel rails
- Extractor fan
- Razor socket
- Overhead lighting
- Shower Accessories

#### STARBOARD GUEST CABIN

- 2 single beds
- Bedside cabinets
- Wardrobes
- Bedside lights
- Overhead lighting
- Door to en suite bathroom
- Portholes with blind
- LCD television (20")
- 2 ceiling speakers

#### STARBOARD GUEST CABIN EN SUITE

- TMC toilet
- Lockers and shelves
- Shower cubicle with door
- Porthole with blind
- Washbasin and granite top
- Mirror
- Towel rails
- 24V Extractor fan
- Razor socket
- Overhead lighting
- Shower accessories

#### CREW CABIN

- 2 bunk berth
- Bedside cabinets
- Wardrobe
- Bedside lights
- Overhead lighting
- Door
- Portholes with blind
- LCD television (20")
- DVD/CD/MP3 player
- 2 ceiling speakers

#### CREW CABIN EN SUITE BATHROOM

- Toilet
- Lockers
- Shower cubicle with door
- Porthole with blind
- Washbasin
- Mirror
- Tower rails
- Extractor fan
- Razor socket
- Overhead lighting
- Shower accessories

#### ENGINE ROOM

- Standard engine 2"Caterpillar C32 Acert 1800HP/ customization available
- ZF gear boxes
- 8 Main engine flexible mountings
- Main engine and gear box flexible coupling connection
- 2 set Onan 40KW generator



- Main engine muffler and underwater exhaust
- Main engine control panel
- Mufflers and exhaust for generators
- Intakes and outlets for air circulation with emergency shutdown
- GRP fuel tank with level indicator
- Sound powered telephone
- Fluorescent lights
- Overhead lights
- Engine room sound and fire insulation consist of:
- Fire-stop wool
- Soundproof wool
- Perforated aluminum panel
- Smoke and temperature detectors
- Fire extinguishing system
- 2 Extraction fans
- DC portable bilge pump
- Oil change system for main engines/ generators/gear boxes
- Checkered aluminum plate flooring
- 2 monitoring cameras

#### ELECTRICAL SYSTEM

- 2 set 40KW Onan Generators
- AC power distribution system
- DC electricity distribution system
- Shore power system with connections and 30m length cable
- Marine cable
- 4 batteries for main engines
- 4 batteries for domestic and console loads
- 2 batteries for generators
- 2 batteries for emergency
- Battery charger 80A
- Battery charger 25A
- AC sockets throughout the boat

#### UNDERWATER GEAR

- SS propeller shafts
- 2 Bronze shaft logs, with rubber bearings
- 2 Bronze propellers
- 2 Bronze A-brackets
- 2 SS rudders
- 2 Bronze sea valve
- 2 Stainless steel sea water strainer
- Bow thruster
- Stern thruster
- Earth plates
- Cathodic protection provided by cross bonded zinc anodes

#### FUEL SYSTEM

- Fuel tanks with electric senders and manual sight gauge, totally 7000L
- 2 Daily fuel tank (1000L)
- Manual fuel shut-off valves
- Fuel filter to main engines
- Fuel filter to generators
- Fuel line

#### BILGE SYSTEM

- Automatic DC bilge pump in each watertight compartment
- 1 mechanical pump with bypass valves for suction of the bilges in each water tight compartment
- 1 hand operated bilge pump with bypass valves for suction of the bilge in each watertight compartment.
- 1 GRP 400L wastewater and oil tank for engine room
- Bilge water pipes

#### FIRE EXTINGUISHING SYSTEM

- Fire alarm with central alarm in wheelhouse and sensors in all cabins, galley, dinning area, saloon, generator room, and engine room (garage and dive locker when specified)
- 12 portable fire extinguishers installed for immediate use

- 1 electric fire pump AC
- Automatic CO2 fire extinguishing system in engine room
- 1 hand operated pump
- Fire hydrant outlets forward and aft with fire hose and nozzle

#### FRESH-WATER SYSTEM

- 2000L SS fresh water tank with level indicator
- 1 AC fresh water pressure system
- 1 DC fresh water pressure system
- Dock side water connection
- Fresh water pipes

#### HOT WATER SYSTEM

- 1 AC bronze hot water circulating pump
- 2\* 80 liter electric hot water cylinder
- Hot water pipes

#### SANITARY SYSTEM

- Toilet system (DC) turbine pump discharging to black-water tank
- 600L Black water tank with level indicator at monitoring panel
- Manual tank overboard discharge
- (DC discharge pump) or to dockside connection
- Washbasins and showers draining to main grey-water tank
- 600L Grey water tank with pump out and tank full warning light at monitoring panel
- Waste water pipes

#### AIR CONDITIONING SYSTEM

- Cruisair chilled water air conditioning system
- Comprising:
- Sea water pump and strainer
- Chilled water pump
- 2 96000BTU condensing units in engine room
- Air handlers supplying cold/hot air to each accommodation cabin
- Elite control unit in each cabin

#### SAFETY EQUIPMENTS AND MISCELLANEOUS

- 12 fenders (Φ30×1090mm)
- 5 docking lines (Φ26mm×20m)
- 30 adult life jackets
- 8 life rings
- 2 Inflatable liferafts
- 12 rocket parachute flares
- 2 radar responder
- 3 two way VHF
- 1 EPIRB
- 1 Portable daylight signaling light
- 1 regulation first aid kit

#### OPTIONS

- Hydraulic lift swimming platform
- Auto pilot system
- Hydraulic trim tabs
- Stabilizer Fin
- Gyro stabilizers
- Hydraulic gangway
- Desalination water maker
- Monitoring system
- Underwater lights

