

SPECIFICATION CUSTOM LINE NAVETTA 33 #11 "4LEON"

ENGINES: 2x MAN V12 LE446 CR POWER 1400 HP

Additional Extras

Internal areas

- Wood diff from the std
- Wood floor in upper deck, internal salon and main helm
- Automatic opening at in man deck salon aft glass door diff.
- Automatic opening for glass aft door in upper salon (1 panel) diff.
- Electrical raising of curtains in upper deck salon
- Electrical raising of curtains in lower deck (4 cabin)
- Dimmer light main deck
- Dimmer light in the cockpit
- Dimmer light in lower deck
- Dimmer light in upper deck
- Separable (manual sliding) queen bed in starboard VIP cabin
- Pulmann bed in starboard guest cabin
- Kit of mosquito net

External areas

- Anchor chain with 16 mm and 150 mt length
- Stern thruster hydraulic 58 HP (double propeller)
- Floor teak covering in sun deck
- Teak floor on bow triangle area
- Bimini with 6 carbon poles in dinette area at bow
- Manual Bimini in upper deck
- Manual Bimini in bow sun deck
- Hand shower hot/cold on sun deck
- Shower (cold and hot water) on swimming platform
- Underwater lights (4.650 each)
- Cleat retractable on swimming platform

Appliances

- Dryer machine Miele diff from std
- Dryer machine Miele additional
- Miele appliances in the galley diff from std
- Washing machine Miele additional
- Wine cooler in upper deck 60 bottle
- Icemaker in sundeck
- Gaggenau grill on sun deck diff
- Watermaker Idromar 360 l/h diff from std 180 l/h (duplex)

System

- Main Generator Köhler 55EFOZDJ 53 kW diff. to 44 kW
- Auxiliary generator Köhler 55EFOZDJ 53 kW diff. to 44 kW
- Air conditioning tropical „COMFORT“ con UTA diff
- Active carbon filter
- Filling station for tender in the garage
- UV water sterilizator
- Purifier and gasifier
- Ropecut system for stabilizers fins
- Alfa Laval
- Treatment system for black water Hamann
- Idrostop Fluiten
- Digital chain counters -couple-

Accessories at special conditions

- Gyro stabilizers
- Antenna TV SAT KVH TV 11 with receiver in salon
- Antenna empty dome TV 11 for simmetry
- TV 48" in port VIP cabin diff.
- TV 48" in starboard side VIP cabin diff.
- TV 48" in portside guests cabin
- TV 40" in sub guest cabin
- TV 55" LCD/LED Thin in upper salon -diff-
- TV 55" LCD/LED Thin in master cabin -diff-
- TV 28" LCD/LED Thin in captain cabin
- Super premium integrated bridge

- CD/DVD mini pilothouse
- A/V package Premium Control Area A
- A/V package Premium Control Area B
- A/V package Premium Sound external areas
- Package A/V domotica Area A
- Package A/V domotica Area B
- Monitor VGA/VideIn for Navnet B.B.e tvcc 15" Glass (crew mess)
- Crane with max loading 500 kg for bow garage
- Autoidentification System AIS Furuno Class B
- Boat name "4LEON" in stainless steel
- Special helm station on the sundeck

Standard Equipment

External

- Aft gates (2) (stainless steel and plexiglass)
- Aft (2) and bow (2) roller fairleads
- Aft GRP and teak-laid bathing platforms with stainless steel cleats (2) Boat hooks (3)
- Bow locker with electro-hydraulic hatch
- Bulwarks side doors (2)
- Capstans (2) in cockpit docking cabinets at stern (2500W each)
- Cockpit sink with hot and cold water (mooring station)
- Concealed lighting on side decks
- Covers for: cockpit table, armchairs and sofa, forward dinette, forward sunpad
- Curtain rod for canopies (cockpit and part of both side walks)
- Cylindrical fenders with covers and sole leather support (8)
- Deck laid with teak
- Docking lines 130 mt
- Dockside water intake at stern
- Double mode transom system electro-hydraulic garage door and teak-laid on the inside Electric anchor windlasses (2) (4000W each) with controls at bow
- Fire hose outlets with sea water (3) (bow and side decks (2))
- Fresh water outlets with sea water (3) (bow and side decks (2))
- GRP and teak bathing platform with electro-hydraulic up-down system
- GRP sofa bench in the cockpit, with mobile back, convertible into a sun pad
- Hatch teak covered, to close chain locker

- Hot/cold water shower at stern
- Housed life rings (2) one with rope and luminous buoy
- Intercom for manoeuvring (5) (bow, cockpit, control room, engine room, stud technical area) and megaphone on hardtop
- LED spotlights in cockpit and sidewalk ceilings
- Locker with hatch below the bow sunpad triangle
- Mooring stations (2) in cockpit with storage for mooring lines
- Natural teak on bulwark
- Outdoor cameras in ceiling (3) (cockpit side walks)
- Pool anchors 140 kg (2) with chains 125 mt (2), diameter 14 mm with bar and markings every 25 mt
- Port side staircase to the bow dinette (GRP and teak, courtesy lights and hand rail)
- Refuelling and water intake, with hatches, both in each side walk
- Removable swimming ladder
- Round fenders with covers (6)
- Side sponsons with teak floor
- Small table in the cockpit
- Spotlights at aft (2)
- Spotlights at bow mooring area (2)
- Stainless steel bow hawses (2)
- Stainless steel bow staff with bell
- Stainless steel cleats: stern (4) and forward (4)
- Stainless steel deck hardware
- Stainless steel support poles (2) in the cockpit
- Stainless steel, teak-laid electro-hydraulic telescopic gangway with stainless steel manual handrails and remote controls (2)
- Staircase to the upper cockpit, in the port side support (GRP and teak, courtesy lights and hand rail)
- Storage at bow of starboard walkside
- Storage in the starboard side support in cockpit
- Sunpad in the bow triangle
- Warping line 100 mt
- Waterproof speakers (2) in the fore dinette with amplifier, Airplay, party mode and volume control
- Waterproof speakers (4) in the main cockpit with amplifiers (2), airplay, party mode and volume control (connection to the main deck
- salon)

Salon

- Aft glass door to cockpit with stainless steel frame in 3 parts (2 manual sliding)
- Air conditioning
- Blu Ray DVD reader (region code DVD 2 and BD "B")
- Cabinets with doors and shelves
- Ceiling LED lights
- Drawer fridge
- Electrically operated pleated curtain (aft glass door)
- Electrically operated pleated curtain (starboard side glass door)
- Electrically operated Roman blind on port side
- Fitted carpet on floating floor with soundproof lining
- HDMI aux input
- Home Theatre system with amplifier tuner (5+1), central server unit and Apple-TV
- I-Pad mini control system for entertainment
- Living area: sofas and coffee table
- Openable panoramic glass door on stainless steel frame (manual opening) in the dining area (starboard)
- Telephone
- TV LED Smart TV 55" with sliding system from aft bulkhead
- TV SAT receiver
- Window (port side)

Dining Area

- Air conditioning
- Cabinets with doors, shelves and drawers
- Ceiling LED lights
- Chairs (10)
- Complete tableware for 12 people
- Dining table
- Electrically operated Roman blind on port side
- Electrically operated Roman blind on starboard side
- Fitted carpet on floating floor with soundproof lining
- Side windows

Galley lobby

- Cabinet with doors and shelves
- Ceiling LED lights
- Manual slide exit door with electric lock/unlock
- Microwave oven
- Overhead cupboard with doors and shelves
- Technical compartment with kitchen electric switchboards, in lobby stairways to the crew area
- Vinyl floating floor with soundproofing lining

Galley

- Air conditioning
- Cabinet with doors and shelves
- Ceiling LED lights
- Ceramic electric 5 ring cooktop with pan holders
- Dishwasher for 12
- Electric oven
- Extractor fan 230 V with external outlet
- Fridge 204 lt. and freezer 72 lt. 230 V
- Fridge-freezer „Side by side“ 504 lt. 230 V with icemaker
- Garbage compactor
- Mini Hi-Fi CD System with tuner and loudspeakers (2)
- Overhead cupboards with shelves
- Quartz resin counter top
- Stainless steel sink with hot/cold water
- Venetian blind (manual movement)
- Vinyl floating floor with soundproof lining
- Window

Main Deck Lobby

- Air conditioning
- Ceiling LED lights
- Fitted carpet on floating floor with soundproof lining

Day Toilette

- Air Conditioning

- Cabinets with shelves
- Ceiling LED lights
- Ceramic electric WC
- Ceramic washbasin with marble counter top
- Electric ventilation fan
- Marble floating floor with soundproof lining
- Mirror
- Venetian blind (manual movement)
- WC control panel gauge (3/4 and full)
- Window

Master Office Area

- Chair
- Desk with drawers
- Digital safe (in walk-in closed)
- Fitted carpet on floating floor with soundproof lining
- Roman blind and blackout roll-up blind (electric movement)
- Walk-in closed with sliding door, mirror, chest of drawers and shelves
- Windows

Master Stateroom

- Air conditioning
- Armchair (starboard)
- Blinds and black-out roll-ups (electric movement)
- Cabinet with shelves and drawers (port side)
- Ceiling LED lights
- Storage container under the bed
- Desk and ottoman (in port side cabinet)
- Double bed with mattress, pillows, bedspread and sheets
- Fitted carpet on floating floor with soundproof lining
- HDMI aux input
- Hi-Fi System with amplifier tuner (2+1), connection to central server unit and Apple-TV
- I-Pad mini control system for entertainment
- Leather headboard
- Natural ventilation under the mattress
- Nightstands (2)
- Reading lights (2)

- Side windows
- Telephone
- TV LED Smart TV 49"
- TV SAT Receiver

Master Bathroom

- Air conditioning
- Bathroom accessories
- Ceiling LED lights
- Ceramic electric WC and bidet (2)
- Cupboards with mirrored doors and shelves
- Electric extractor fan for bathroom and shower
- Lockers with shelves
- Marble floating floor with soundproof lining
- Natural wood and laquered bulkheads
- Shower in the middle (glass doors, marble tray, marble bench)
- Side windows
- Towels set
- Venetian blinds (manual movement)
- Washbasin with marble counter top (starboard side)
- Washbasins with marble counter top (port side)
- WC control panel with gauge (3/4 and full)

Upper Deck

- Ceiling LED lights
- Chairs (10)
- Covers for sofa, tables and chairs in panoramic cockpit, dinette, tables and sunpad area at bow
- Dinette at bow sofa bench with tables (2)
- Dining table
- Fire hose outlet with sea water
- Fresh water outlet for deck washing
- GRP fully fitted cabinet (icemaker, storage) at port side
- Sofa and coffee table in panoramic cockpit
- SSB antenna (2)
- Stainless steel flag staff
- Stainless steel side and aft handrails

- Stainless steel support poles (2) in panoramic cockpit
- Staircase to the sun deck (teak and stainless steel, handrail, courtesy lights)
- Steering positions (2) with navigation instrument and alarms on side decks with cover
- Sunpad at bow with cushions (on top the locker hatch)
- Teak laid deck
- Waterproof speakers (4) with amplifiers (2), connected to the upper deck lounge, airplay, party mode and volume control

Upper Lounge

- Aft glass door to panoramic cockpit with stainless steel frame in 3 parts (2 manually sliding) and 90° manual rotation when all overlaid
- Air conditioning
- Cabinets with doors and shelves
- Ceiling LED lights
- HDMI aux input
- Home Theatre system with amplifier tuner (5+1), connection to central server unit and Apple-TV
- Lounge area: "C" shaped sofa, coffee table
- Manual pleated curtain (aft glass door)
- Manual Roman blind (6)
- Side windows
- Telephone
- TV LED Smart TV 49" with ceiling electric lift system
- TV SAT receiver
- Wooden flooring with soundproof lining

Upper Deck Lobby

- Ceiling LED lights
- Wooden flooring with soundproof lining

Pantry

- Cabinet with shelves
- Ceiling LED lights
- Electric ventilation fan
- Fridge with drawer
- Socket (230 V)
- Vinyl flooring with soundproof lining

Pilot House

- Acoustic alarm for bilge (water level in garage, engine room and bow) in synoptic panel
- Air conditioning
- Automatic pilot control unit with compass indicator
- Bookcase
- Cabinets with shelves
- Captain stand with foldable seat in stainless steel and leather
- Ceiling LED lights
- Chart desk with nautical charts storage
- Cigarette lighter outlet 12 V
- Clock, barometer, hygrometer
- Electric panel for helm position/upper lounge
- Electronic controls for engine clutch
- Fire detection system control panel
- Integrated dashboard in multi touch color display with the following functions, commands and navigation instruments:
 - - CCTV video sequencer
 - - Dimmer for navigation instruments lighting
 - - Electric control for searchlight
 - - Flaps angle indicator
 - - Gyrocompass indicator
 - - Integrated monitoring system
 - - Navigation instrument (Eco, Log and water temperature)
 - - Stabilizer fins control panel
 - - Trim tabs indicator
 - - Wind gauge
 - - Windlass control at bow
 - - Windscreen wipers (3) with washing system and timer
- Inter-com for manoeuvring
- Lamp for radio and charting equipment
- Leather covered steering wheel
- Leather sofa with wood frame and drawers (3)
- Lights for night navigation
- Loudspeakers (2) connected to the Captain's cabin mini Hi-Fi
- Magnetic compass
- Multifunction printer with fax

- NAVTEX weather receiver
- Portable GMDSS VHF (2)
- Power-assisted electro-hydraulic steering
- Protective external covers for front windscreen and side windows of helm position
- SART Transponder ACR PATH FINDER 3
- Side exit manual doors (2) with electric lock/unlock (pilot house walkaround)
- SSB/DSC transceiver
- Synoptic panel unit with acoustic and visual alarms
- Telephone
- Telephone interface GSM/Voice/Fax
- VHF transceiver (2)
- Wooden flooring with soundproof lining

Captain Cabin

- Air conditioning
- Bed with mattress, pillow, bedspread and sheets
- Ceiling LED lights
- Closet (hanger and mirror)
- Fitted carpet
- Mini Hi-Fi CD system with tuner and loudspeakers (2)
- Natural ventilation under the mattress
- Reading light
- Roman blind and black-out roll-up (manual movement)
- Storage under bed
- Window

Captain Head

- Ceiling LED lights
- Ceramic electric WC
- Ceramic washbasin
- Cupboards with mirrored doors and shelves
- Electric ventilation fan
- Lockers with shelves
- Shower with glass door and wooden tray
- Towel set
- WC control panel with gauge (3/4 and full)
- Wooden flooring with soundproof lining

Sun Deck

- Ceiling LED lights
- Chaise longue (2)
- Covers for sunpad, sofa, chaise longue and stools
- EPIRB
- Forward storage
- Front and side windscreen in stainless steel and plexiglass
- Gelcoat flooring with anti-skid
- GRP fully fitted cabinet (with hot/cold water sink, grill, fridge and storage)
- Hard top with lateral GRP supports
- Liferafts for 20 people (2 x 10) with hydrostatic hook
- Perimeter stainless steel railing
- Sofa
- Stainless steel support poles for hard top (2)
- Sunbathing area with cushions at bow
- Waterproof speakers (2) with amplifier, Airplay, party mode and volume control

Hard Top Equipment

- Acoustic alarm
- Electric operated searchlight
- Empty dome for symmetry to Sat TV antenna
- First antenna radar Open Array
- GPS Antennas (2) + Emergency (1)
- Intercom speaker
- Navigation lights
- Stainless steel mast
- Stainless steel signal mast
- TV antenna
- TV SAT antenna
- VHF antenna (3)

Lower Deck

Lower Deck Lobby

- Ceiling LED lights
- Closet with shelves

- Electric panel for lower deck
- Entertainment system main rack
- Fire hose outlet with sea water
- Fitted carpet with soundproof lining

VIP Cabins at stern (2)

- Air conditioning
- Cabinets with doors and shelves
- Cabinets with mirrored doors and shelves
- Ceiling LED lights
- Ceramic bidet
- Ceramic electric WC
- Ceramic washbasin with marble counter top
- Electric ventilation fan for bathroom and shower
- Hull window with openable porthole in stainless steel
- Shower (glass door and frame in stainless steel, marble floor, marble bench, lacquered walls and waterproof curtain) Towel set
- Venetian blind (manual movement)
- WC control panel with gauge (3/4 and full)
- Wood flooring with soundproof lining
- Wooden bulkheads

Fore Starboard Guest Cabin

- Air conditioning
- Beds (mattresses, pillows, bedspreads and sheets) (2)
- Ceiling LED lights
- Digital safe
- Fitted carpet with soundproof lining
- HDMI aux input
- Hull window with openable portholes (2) in stainless steel
- Leather headboards
- Lisage blind and black-out roll-up (manual movement)
- Loudspeakers (2) with amplifier
- Media server system with Apple TV connected to central unit
- Natural ventilation under the mattress
- Nightstand
- Reading lights (2)

- Storage under bed
- Telephone
- TV LED Smart TV 32"
- Wardrobe (hanger, shelves and mirror)

Fore Starboard Guest Head

- Air conditioning
- Cabinet with doors and shelves
- Ceiling led lights
- Ceramic bidet
- Ceramic electric WC
- Ceramic washbasin with marble counter top
- Cupboards with mirrored doors, shelves and light
- Electric ventilation fan for bathroom and shower Hull window with openable porthole in stainless steel
- Shower (glass door and frame in stainless steel, marble floor, marble bench, lacquered walls and waterproof curtain) Towel set
- Venetian blind (manual movement)
- WC control panel with gauge (3/4 and full)
- Wood flooring with soundproof lining
- Wooden bulkheads

Fore Port Side Guest Cabin

- Air conditioning
- Cabinets with drawers
- Ceiling LED lights
- Digital safe
- Double bed with mattress, pillows, bedspread and sheets
- Fitted carpet with soundproof lining
- HDMI aux input
- Hull window with openable portholes (2) in stainless steel
- Leather headboard
- Lisage blind and black-out roll-up (manual movement)
- Loudspeakers (2) with amplifier
- Media server system with Apple-TV connected to central unit
- Natural ventilation under the mattress
- Nightstands (2)

- Reading lights (2)
- Storage under bed
- Telephone
- TV LED Smart TV 40"
- Wardrobe (hanger, shelves and mirror)

Fore Port Side Guest Head

- Air conditioning
- Cabinets with doors and shelves
- Ceiling LED lights
- Ceramic bidet
- Ceramic electric WC
- Ceramic washbasin with marble counter top
- Cupboards with mirrored doors, shelves and light
- Electric ventilation fan for bathroom and shower
- Hull window with openable porthole in stainless steel
- Shower (glass door and frame in stainless steel, marble floor, marble bench, lacquered walls and waterproof curtain)
- Towel set
- Venetian blind (manual movement)
- WC control panel with gauge (3/4 and full)
- Wood flooring with soundproof lining
- Wooden bulkheads

Crew Area

Crew Dinette

- Acoustic alarm for bilge water level in garage, engine room and bow
- Air conditioning
- Cabinet with shelves
- Carpet flooring
- Ceiling LED spotlights
- Curtain
- Dinette (sofa with table)
- Emergency escape to main deck

- Fire hose outlet with sea water
- Fridge/freezer in column
- HDMI aux input
- Integrated monitoring system with touch-screen display
- Microwave oven
- Mini Hi-Fi CD system with tuner and loudspeakers (2)
- Openable porthole in stainless steel
- Overhead cupboards with door and shelves
- Sink in stainless steel with hot/cold water
- Storage under the stairs
- Tableware for 6 people (crew)
- Telephone
- TV LED Smart TV 24"
- VHF dual station

Utility Room

- Air conditioning
- Cabinet with shelves
- Ceiling LED spotlights
- Curtain
- Dryer
- Electric ventilation fan
- Vinyl flooring
- Washing machine

Crew Lobby

- Ceiling LED spotlights
- Fitted carpet

Crew Cabins (2)

- Air conditioning
- Bunk-beds with mattresses, pillows, bedspreads and sheets
- Ceiling LED spotlights
- Curtain
- Fitted carpet
- Mini Hi-Fi CD system with tuner and loudspeakers (2)
- Openable porthole in stainless steel

- Reading light (2)
- Wardrobe

Crew Heads (2)

- Air conditioning
- Ceiling LED spotlights
- Curtain
- Electric ceramic WC
- Electric ventilation fan
- Locker with door and shelves
- Mirror
- Openable porthole in stainless steel
- Shower
- Towels set
- Washbasin
- WC control panel with gauge (3/4 and full)
- Wooden flooring

Storage Room

- Air conditioning
- Ceiling LED spotlights
- Curtain
- Fitted carpet
- Openable porthole in stainless steel

Technical Area

Engine Room

- Air extractors with remote controlled emergency shut down (2)
- Air inlets with separators and remote controlled emergency shut-down
- Aluminium anti-slip flooring
- Auxiliary gen set
- Day/night CCTV fixed colour cameras (2)
- Diverter valves to allow engines to pump water from the bilge (2)
- Electro-hydraulic control unit for bow thruster
- Emergency escape to the cockpit (watertight hatch and removable ladder)

- Emergency fuel transfer pump
- Finishing panels in multi-layer light alloy sheet
- Fixed fire extinguishing system (engine room) with manual activation
- Generator muffler and gas/water separator
- Inspection lamp
- LED lights
- Main gen set
- Racor pre-filters to main engines (2)
- Smoke detector
- Stainless steel foldaway washbasin with fresh water
- Stainless steel handrails around main engines
- Water filters for engine cooling system (2)
- Water filters for generator cooling system (2)

Control Room

- Air compressor with spray gun and spiral hose
- Aluminium anti-slip flooring
- Day/night CCTV colour camera
- Electric ventilation fan
- Emergency bilge/fire extinguishing diesel pump
- Fire hose outlet with sea water
- FM200 fire extinguishing system
- Hydraulic emergency wheel
- Integrated monitoring system with touch-screen display
- Intercom for manoeuvring
- LED lights
- Main electric panels 400V/230V/24V
- Rudder angle indicator
- Smoke detector
- Telephone
- VHF dual station
- Watermaker 180 lt/h
- Work bench with vice and tool set

Technical Room at Starboard Stern

- Aluminium anti-slip flooring
- Electro-hydraulic control unit for gangway

- Electro-hydraulic control unit for garage door
- Electro-hydraulic control unit for helm position
- Glendinning shore power
- Intercom for manoeuvring
- LED lights
- Transformer for shore power supply 70 kVA

Garage at Stern

- Ceiling LED lights
- Fire extinguishing system with sea water
- Floodable hangar for tender
- Fresh water outlet for washing
- Gelcoat flooring with anti-skid
- Petrol gas detector (2)
- Smoke detector
- Tender launch hydraulic winch
- Ventilation system with extractor fans
- Watertight compartment

Propulsion and Control Equipment

Propulsion and Control

- Hydraulic bow thruster (70 Hp)
- Power-assisted hydraulic steering with emergency maneuvering
- Shaft line transmission with elastic thrust bearing between shaft and reduction gearbox
- Silenced main engines exhausts
- Stuffing box with dripless shaft seal, low maintenance

Stabilizing Systems

- Interceptors
- Stabilizer fins underway and zero speed

Electronics

Audio, Video and the Net

- DTV HD systems
- Integrated GSM and UMTS internet system
- Local audio and video unit for external forward dinette and SD
- Local audio and video unit for MD salon, UD and five cabins
- Media server system with local units and party mode
- Wi-Fi connection with access point (4)

Communication

- First radar antenna Open Array
- Input lines fitted for SATCOM
- Multifunction printer with fax
- Portable GMDSS VHF (helm position) (2)
- Router coastal communicator PD-LAN-WIFI-Internet for Fleet BB and/or VSAT connection
- Routing UMTS system
- SSB/DSC
- Telephone interface GSM/Voice/Fax
- Telephone switchboard
- Telephones (10)
- TV antenna
- TV SAT antenna
- TV SAT receiver (3) (saloon, upper lounge, master cabin)
- VHF transceiver (helm position (2), flybridge helm position, crew dinette, captain's cabin, garage) (6)

Monitoring System

- Air conditioning system fan coil monitoring and control
- Alarm, with database and current alarm, monitoring
- Bilge pump system monitoring
- Black/grey water tank level monitoring
- CCTV monitoring
- Electrical system (batteries, generators, shore power, electric panels) monitoring and control

- High and low fuel level and water tank level monitoring
- Lighting monitoring and control
- Monitoring galvanic protection
- Monitoring system with 15" display touch-screen (3) (integrated in dashboard, system area, crew quarters)
- Navigation lights monitoring
- Outside doors and portholes monitoring
- Smoke detection alarm monitoring
- Water tank level monitoring
- Weather data monitoring

CCTV System

- CCTV video sequencer control from integrated dashboard
- Closed circuit surveillance system with colour cameras (8)
- Day/night internal cameras (4) (in engines room (3) and systems area)
- External TVCC cameras (3) in the cockpit (2) and side decks

Navigation

- Automatic pilot control unit (helm position)
- GPS Antennas (2) + Emergency (1)
- Integrated navigation system with redundancy, main radar (64 nm), chartplotter, GPS and ecosounder
- Multifunction navigation instrument (Eco, Log and water temperature) (2) in crew dinette and Captain's cabin
- NAVTEX weather receiver
- Wings control stations with instruments and alarms (2)

Systems

Fresh Water System

- Dockside water connection
- Fresh water outlets for washing (5) (bow, side decks (2), aft garage and upper deck)
- Fresh water pump 400 V (2)
- Hot water circulating pump
- Structural fresh water tank (3100 lt)
- Water heater 100 lt (2) 230 V

- Watermaker 180 lt/h

Black and Grey Water System

- Automatic grey water discharge system (interchangeable with black water)
- Black water tank (1200 lt) with warning light 3/4 and full
- Electric automatic pump for black water tank discharge (interchangeable with grey water)
- Electric system WC with fresh water flush
- Grey and black water tanks washing system with sea water water flush
- Grey water tank (1200 lt)
- Marpol discharge outlet for black water

Fire Extinguishing System

- Derivations sprinklers to water the sea (bow, side decks (2), hallway cabins lower deck, observation deck, systems area, crew cabins corridor)
- Fire extinguishers located in each room/cabin
- Fire extinguishing system with sea water (garage) with activation from the control room stairway
- Fixed fire extinguishing system (engine room) with manual activation
- Fuel vapors detector system (garage)
- Pull handles in the engine room (engine fuel and generators shut-down, air inlet (4) and ventilation fan shut-off (2), activation of fire extinguishing system in engine room and systems area)
- Smoke detector system (in all cabins, galley, dining room, saloon, helm position, upper lounge, garage, engine room and systems area) with main alarm in helm position

Air Conditioning System

- Mediterranean air conditioning and boiler for winter heating

Fuel System

- Daily stainless steel fuel tanks (2620 lt) with decantor and discharge
- Fuel transfer pump 24 V
- GRP main structural fuel tanks (total capacity 17380 lt)
- Pipes in compliance of the class requirement
- Racor filters to generators (2)

Electric System

- 12 V automatic battery charger (for genset battery bank)
- 12 V gel battery dedicated to port genset starting
- 12 V gel battery dedicated to starboard genset starting
- 230 V electric sockets (inside the boat)
- 230 V lighting system
- 230V/400 distribution system ac 50Hz triphase + neutral, powered by the gensets or by the shore power
- 24 V automatic battery charger (battery banks for main engines)
- 24 V automatic battery charger (services batteries banks)
- 24 V automatic battery charger for emergency batteries 24 V automatic battery charger for radio batteries 24 V DC distribution
- 24 V DC distribution system supplied by service batteries
- 24 V emergency lighting system
- 24 V gel battery bank for emergency
- 24 V gel battery bank for services
- 24 V independent gel battery banks (2) for main engines
- 44 kW starboard genset with soundproof casing
- 44kW port genset with soundproof casing
- Cathodic protection with zinc anodes
- Copper strip ground system
- Dock connector plug (20 m) 100 A 400 V 3 poles + ground reel with Glendinning (local and remote control)
- Genset parallel battery banks breaker
- Lighting protection system
- Main electrical panel (in control room) and secondary electrical panels (internal areas)
- Main engines parallel battery banks breaker
- Manual batteries breaker (genset, emergency, radio)
- Manual engine batteries breaker, and remoted switch for service batteries
- Shore power supply transformer 70 kVA

Bilge Pump System

- Auxiliary electric pumps 24V (guests and crew area, stern, systems area, engine room)
- Bilge alarm in each compartment
- Centralized 400 V bilge pump system with electric pumps (2) and emergency diesel pump (bilge and fire fighting) Emergency bilge suction pipe (engine room) through engine cooling pumps

- Marpol connection for bilge oily water drainage

Safety Equipment

- Axe
- Child life jackets (2)
- EPIRB ACR GLOBAL FIX
- First aid kit
- Housed life rings (2), one with rope and 30 mt luminous buoy
- Life jackets (20)
- Life rafts for 20 people (2 x 10)
- SART Transponder ACR PATH FINDER 3

Certificates

- International Tonnage Certificate ITC69
- RINA Pleasure class Certificate

Disclaimer

Any items that may occur more than once in these specifications are supplied only once in the standard version. Curtains, bedspreads, carpeting, leather and marble to be selected as per shipyard samples