

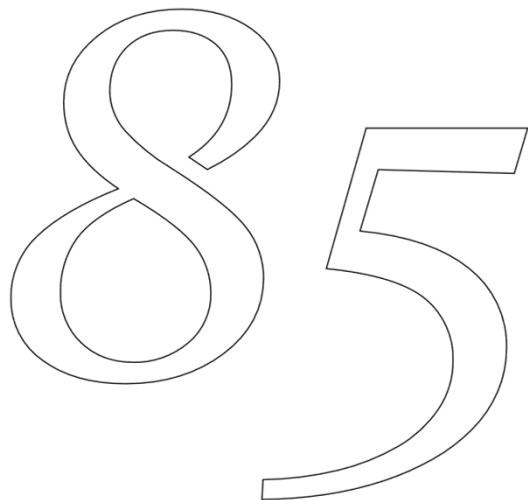


Technical Short Specifications



Passionately designed by,





MAIN PARTICULARS

EXTERIOR DESIGN:
NAVAL ARCHITECTS:
INTERIOR DESIGN

NAR DESIGN
NAR DESIGN
TBD

LOA:
BEAM:
MAX DRAFT:
DISPLACEMENT:
GT:
MAX SPEED:
CRUISING SPEED:
ECO CRUISING SPEED:
ESTIMATED RANGE @ ECO SPEED:

85'0" (25.8 m)
36'0" (10.9 m)
6'6" (2.00 m)
375 000 lbs (170,0 tonnes)
250
14+ knots
12 knots
10 knots
2000+ Nm

MATERIAL:
NOTATION:
STANDARD MAIN ENGINES:
STANDARD GENERATORS:

Marine Grade Aluminium Hull & Superstructure
ISO CATEGORY A –OCEAN-
2x Volvo Penta IPS 1350 1000hp
2 x Kohler 35EFKOZD (35 kW)

FUEL CAPACITY:
FRESH WATER CAPACITY:
BLACK WATER CAPACITY:
GREY WATER CAPACITY:
SLUDGE CAPACITY:

4000 US gal. (15000 L)
925 US gal. (3500 L)
610 US gal. (2300 L)
530 US gal. (2000 L)
265 US gal. (1000 L)

GUEST:
CREW:

10+1 in 5 Cabins (+1 option)
4 in 2 Cabins



1- Construction

- Hull and superstructure built in EN5083 H321 class-certified marine aluminum
- Welding inspections carried out with X-ray at 30 critical points
- All tanks pressure and leakage tested for maximum safety

2- Engine room, propulsion and steering gear

- Engines:
 - 2x Volvo Penta IPS 1350 1000hp
- 2 x ZF Pod 4900 & MAN V12-2000 2000 hp (**Option 01**)
- Volvo DPS Dynamic Positioning System
- Humphries Active ride & trim control system (**Option 02**)
- Engine controls:
 - Electric controls at main deck helm, sundeck helm,
 - Main deck aft maneuvering station (**Option 03**)
- Ventilation: Independent forced supply and exhaust ventilation systems for each engine room, designed in accordance with ISO 8861
- Insulation: A-60 fireproof and noise-insulated engine compartments
- Fire suppression: Fixed FM200 fire extinguishing system in each engine room
- 2x 420kg / 925.94lbs thrust Slepner hydraulic Sh420 bow thruster
- 2x 550kg / 1212lbs thrust Slepner hydraulic Sh550 bow thruster (**Option 04**)

3- Mooring and Ground Tackle

- 1 × Ultra® 180 kg mirror-polished stainless-steel anchor
- 150 m × Ø14 mm Grade Q3 stud-link galvanized chain
- 2 × Ultra® 180 kg mirror-polished stainless-steel anchor **(Option 05)**
- 2 x Data DZC 1400H hydraulic windlasses with integrated chain counters provide smooth and precise anchoring operations.
- For mooring flexibility, the yacht is fitted with 4 x Data DHC 1600H hydraulic capstans, two positioned at the bow and two at the stern.
- Heavy-duty deck fittings AISI 316L stainless steel bollards and 8 x AISI 316L fairleads, ensuring safe and secure line handling.
- The yacht carries 4 x 80 m Ø24 mm floating orange mooring ropes (SWL = 8035 kg), offering both strength and visibility.
- Dedicated below-deck storage lockers are integrated beside the bollards at both bow and stern, providing practical and discreet stowage for mooring lines.
- At the stern platform, 2 x Seasmart pop-up cleats are integrated, providing practical solutions for tender or water toy mooring without disrupting deck aesthetics.
- 8 inflatable fenders (Ø420 x 1320 mm)

4- Deck Layout

- All decks are finished in 12 mm genuine Burma teak, ensuring durability and timeless elegance.
- Watertight deck hatches with concealed hinges seamlessly integrate into the teak surfaces.
- Main deck aft features an 2200 mm aluminum manual sliding door with clear opening.

Automatic electrical sliding door with clear opening. **(Option 06)**

- One hinged door (700 mm clear opening) is fitted at the ownerdeck.
- One hinged door (650 mm clear opening) and one hinged door (1200 mm clear opening) are fitted at the ownerdeck.
- Guardrails throughout the yacht are crafted from polished AISI 316L stainless steel, with a minimum height of 1000 mm for safety.
- All windows are laminated thermally toughened glass.
- The wheelhouse windows are equipped with Speich marine wipers for optimal visibility in any weather.
- Standard removable pole-supported Sunbrella® Plus marine-grade awning providing approximately 25 m² of shaded area over the main deck aft guest area.
- Two 2.0 × 2.0 m removable pole-mounted marine umbrellas with flush-mounted deck sockets. **(Option 07)**



- Motorized louvered pergolas, measuring approximately 2.0×3.4 m on the Owner's Deck and 1.5×3.4 m on the Sun Deck, incorporating an additional 10 m^2 of high-efficiency photovoltaic panels. The adjustable louver system allows optimization of both solar energy generation and guest comfort. **(Option 08)**
- One electro-hydraulic telescopic marine crane, rated for a 1,200 kg Safe Working Load (SWL), designed for safe launching, recovery and handling of the tender and water toys.
- Opacmare® electro-hydraulic transformer platform, approximately 3.20×2.60 m, with five-step beach configuration and 1,200 kg Safe Working Load (SWL), suitable for launching and recovering tenders up to 5.0 m in length. **(Option 09)**
- Twin optional fold-down electro-hydraulic side platforms, each measuring approximately 12.5 m^2 , providing additional beach club and boarding area. **(Option 10)**
- One Opacmare® 4.0 m telescopic electro-hydraulic passerelle with remote control operation.
Multifunction telescopic passerelle convertible into a swimming ladder. **(Option 11)**
- Integrated saltwater swimming pool, approximately 2.85×2.10 m, equipped with automatic filtration, circulation and heating systems. **(Option 12)**

5- Paint system

- Axalta® Imron Marine premium acrylic polyurethane coating system, including epoxy primer, epoxy surfacer and high-gloss acrylic polyurethane topcoat.
- Awlcraft 3000® premium acrylic urethane coating system **(Option 13)**
- International® high-performance antifouling coating system, suitable for aluminium hulls
- Exterior colours to Owner's selection.

6- Fuel system

- Total Fuel Capacity: 2 × 5,000 L storage tanks, providing a combined capacity of 10,000 litres (≈ 2,640 US gal).
Extended Range Package – Increased fuel capacity for a target range of approximately 2,000 Nm at 10 knots. **(Option 14)**
- Fuel Polishing & Separation: Equipped with Prefilter and Separ SWK 18/P30/C01 water separators with integrated sensors and filters, ensuring clean and safe fuel delivery at all times.
- Alfa Laval® fuel purifier system for continuous fuel purification and removal of water and fine contaminants. **(Option 15)**
- Fuel Shutoff Valves: Independent fuel shutoff valves are installed on both main engines and generator supply lines for maximum operational safety.

- Pumping System: Each engine room features one Gianneschi CP 30 A1 fuel transfer pump supported by one Gianneschi Excelsior 3 manual backup pump, guaranteeing redundancy and reliable fuel handling in all conditions.

7- Freshwater system

- Fresh Water Capacity: Two integrated freshwater tanks provide a total capacity of 3,500 litres (≈ 925 US gal), ensuring an ample onboard supply for extended cruising.
- Standard Watermaker: One Sea Recovery Aquamatic XL 1400 reverse osmosis watermaker.
- Second Sea Recovery Aquamatic XL 1400 reverse osmosis watermaker, increasing redundancy and freshwater production capacity. **(Option 16)**
- Hydrophore System: High-capacity Gianneschi WPS IDRO Ecoinox hydrophore units maintain constant freshwater pressure throughout the vessel.
- Fresh Water Treatment System: Multi-stage freshwater treatment system incorporating UV sterilization, anti-scale filtration and activated carbon filtration, ensuring high-quality potable water throughout the vessel.
- Silver ion dosing system for long-term freshwater preservation and enhanced biological protection. Automatic freshwater softening (water softener) system. **(Option 17)**

- Hot Water System: Two Gianneschi stainless steel calorifiers, one installed in each engine room, provide a combined hot water capacity of 240 litres. A continuous hot water recirculation system ensures instant hot water delivery at all domestic outlets.
- Deck Wash System: Dedicated freshwater washdown connections are installed at the bow, aft cockpit, swim platform and mast, enabling efficient cleaning of exterior spaces and photovoltaic panels.
- Shore Water Connection: Pressurized shore water connection with pressure regulator and backflow prevention valve.
- Guest Comfort: A retractable hot-and-cold mixer pop-up shower is located on the portside swim platform, offering convenient refreshment directly by the sea.

8- Sanitary system

- Grey Water Capacity: Two dedicated grey water tanks provide a combined capacity of 2,000 litres ($\approx$ 530 US gal), collecting drainage from showers, washbasins, galley and laundry areas. For sanitary fixtures located remotely from the tanks, Sanisplit NKS transfer units ensure efficient wastewater transfer while minimizing odor and maintenance.

- Black Water Capacity: Two dedicated black water tanks provide a combined capacity of 2,300 litres ($\approx$ 608 US gal), safely collecting sewage from all guest and crew sanitary facilities.
- Freshwater Toilets: All guest and crew WCs are fitted with 24 V TECMA Silence Plus electric freshwater toilets, providing quiet operation, low water consumption and effective odor control.
- ECOmar 20 marine sewage treatment plant for onboard wastewater treatment.
(Option 18)
- Shore Discharge: Dedicated shore pump-out connections for both grey and black water tanks.
- Rainwater Management: Rainwater drainage is completely separated from the grey and black water systems and discharged directly overboard.

9- Bilge pump system

- Central Bilge System: Each engine room (port and starboard) is equipped with a commercial-standard central bilge line, fitted with Gianneschi ACB pumps ($531A25m^3/h$ @ 5 bar) to ensure high-capacity drainage in case of emergency. The bilge line valves are electrically actuated, allowing full monitoring and remote control both from the engine rooms and via the AMS (Alarm Monitoring System) on the bridge..

- Central Bilge System: Each engine room (port and starboard) is equipped with an independent central bilge system featuring Gianneschi ACB (531A25m³/h @ 5 bar) pumps. Electrically actuated bilge valves provide local operation from each engine room. When the optional Alarm Monitoring System (AMS) is specified, bilge valves and system status are fully monitored and controlled remotely via the AMS.
- Automatic Bilge Maintenance: Automatic bilge stripping pumps (Rule RM2000 7.57 m³/h | 24V) are provided in all required bilge compartments throughout the vessel to maintain dry bilges and efficiently manage minor water ingress under normal operating conditions. **(Option 19)**
- Bilge Monitoring: High-level bilge alarms are installed in all machinery spaces and technical compartments. When the optional Alarm Monitoring System (AMS) is specified, all bilge alarms are fully integrated into the AMS for centralized monitoring and alarm management.

10- Fire fighting system

- Main Fire Pump: One Gianneschi ACB seawater fire pump (531A 25m³/h @ 5 bar) is installed in the starboard engine room, providing high-capacity firefighting capability.
- Fire Main: Marine-grade fire main system with strategically located hydrants throughout the vessel, providing rapid access for firefighting operations.
- Portable Fire Extinguishers: Portable fire extinguishers are provided throughout the accommodation, machinery spaces and technical compartments in accordance with the applicable regulations.
- Battery Fire Protection: Dedicated fire protection system for the LiFePO₄ battery compartments, incorporating dual cooling lines with specialized spray nozzles for rapid thermal management.
- Automatic sprinkler system protecting the accommodation spaces. **(Option 20)**
- Deck & Chain Wash: The fire main system also supplies dedicated seawater washdown connections together with integrated anchor chain washing nozzles installed within both hawsepipes for efficient deck cleaning and anchor chain rinsing.

11- Compressed air system

- Air Compressors: Each engine room is equipped with one Kuletas® low-noise 2 HP air compressor with a 50-litre receiver, providing a reliable compressed air supply for onboard service and maintenance.
- Compressed Air Distribution: Quick-connect compressed air outlets are strategically located throughout the vessel, including the engine rooms, main deck filling station, foredeck, sun deck and mast, providing convenient access for maintenance and cleaning operations.

12- HVAC system,

- Central chilled-water air conditioning system by Webasto® BlueCool, providing a total installed cooling capacity of approximately 200,000 BTU/h for efficient climate control throughout all guest, crew and technical spaces.
- Upgrade to a MAR-IX® chilled-water air conditioning system for enhanced energy efficiency, advanced system integration and premium climate control performance. **(Option 21)**
- Air Distribution: Individually controlled air handlers provide independent temperature regulation for each accommodation area.
- Fresh Air System: Dedicated mechanical fresh air ventilation system supplying filtered outside air to all interior accommodation spaces.

- If the AMS option is selected, remote monitoring and control of the system will be provided through the Alarm Monitoring System (AMS).

13- Electrical system

13.1 Electrical Distribution

- Standard: One main AC switchboard and one main DC distribution panel.
- Fully redundant electrical distribution architecture comprising two independent AC main switchboards and two independent DC main distribution panels, allowing the port and starboard electrical systems to be monitored, isolated and operated independently. **(Option 22)**
- Secondary Distribution: AC and DC sub-distribution panels located throughout the vessel as required.

13.2 AC Power Generation and Supply

- Standard Generators: Two synchronized Kohler® 35EFKOZD generators, each rated at 35 kW, 50 Hz, with automatic load sharing.
- Generators: Upgrade to two synchronized Northern Lights® M844K generators, each rated at 40 kW, 50 Hz. **(Option 23)**
- Shore Power: Shore power connection and automatic source changeover system sized according to the final electrical load analysis.
- Inverter/Chargers: 6x Victron Energy® Quattro 24/8000/200 inverter /chargers.

14.3 Battery & Solar Energy System:

- **Marine-grade LiFePO₄ battery bank** with approximately 150 kWh usable capacity, complete with integrated Battery Management System (BMS), protection devices and temperature monitoring.
- **Solar Power System:** Approximately 60 m² of photovoltaic panels, providing an installed peak capacity of approximately 13 kWp, integrated with the vessel's DC energy system through dedicated Victron Energy MPPT solar charge controllers.
- **Energy Management:** Integrated energy management system automatically coordinates the battery bank, solar generation, inverter/chargers, generators and shore power to optimize energy consumption and minimize generator running hours.
- **AMS Integration:** When the optional Alarm Monitoring System (AMS) is selected, battery status, solar production, charging status, electrical loads and relevant system alarms are integrated into the AMS for centralized monitoring.

15- Alarm Monitoring System – Option 24

- **Central Monitoring:** Centralized Alarm Monitoring System (AMS) providing real-time monitoring, alarms and status indication for the yacht's essential technical systems.

- **System Integration:** Monitoring of main engines, generators, electrical distribution, battery system, bilge system, tanks, pumps, HVAC and other critical machinery as applicable.
- **Alarm Management:** Visual and audible alarm indication with alarm acknowledgement and event history.
- **Remote Stations:** System information accessible from the main helm and selected technical/control locations.
- **System Control:** Selected equipment may be remotely controlled through the AMS where permitted by the individual system design and safety requirements.

16- IT / AV Systems

- **Audio / Video System:** Integrated multi-zone audio and video system serving the main saloon, guest cabins and exterior guest areas, with marine-grade indoor and all-weather speakers, subwoofers and selected television locations.
- **AV Distribution:** Centralized digital AV distribution system based on Crestron® components, allowing high-resolution audio/video content to be distributed throughout the yacht.
- **AV Control:** Central AV control system with dedicated remote controls and mobile touchscreen interfaces for selected guest areas.

- **Network System:** Managed high-speed Ethernet and Wi-Fi network infrastructure with distributed Wi-Fi 6E access points throughout the accommodation and exterior guest areas.
- **Internet Management:** Multi-source internet management system capable of combining 5G / LTE, marina Wi-Fi and satellite internet connections with centralized routing, security and user management.
- **Satellite Internet:** Starlink Maritime connection provision as standard, with additional satellite or cellular communication systems available as options.
- **CCTV System:** IP-based CCTV surveillance system covering exterior access points, circulation areas and machinery spaces, with central recording and monitoring.
- **Central Equipment Rack:** Dedicated ventilated AV/IT equipment rack located in the technical area, housing network, AV distribution, control and recording equipment
- **Optional Integration:** Integration of selected IT, AV and network status information with the optional Alarm Monitoring System (AMS) where technically applicable.

17- Navigation Equipment:

- **Navigation Processors:** 2 × Simrad NSO EVO3S CPU, providing high-performance navigation processing and multi-display integration for the main helm and flybridge.

- **Navigation Displays:** 2 × Simrad M016-T 16" touch displays and 1 × Simrad M016-P 16" display.
- **Remote Control:** 2 × Simrad OP50 remote controllers.
- **Navigation Interface:** 1 × Simrad RI50 interface.
- **Positioning:** 2 × Simrad GS25 GPS antennas.
- **Heading Sensor:** 1 × Simrad Precision-9 Compass.
- **Depth & Sonar:** 1 × Simrad SS60 transducer, 1 × Simrad ForwardScan transducer and 1 × Simrad SonarHub.
- **Radar:** 1 × Simrad HALO-2003 solid-state pulse-compression radar.
- **Autopilot:** 1 × Simrad NAC-2 Autopilot CPU with 1 × Simrad RF40 Rudder Feedback Unit.
- **VHF Communication:** 1 × Simrad RS40 VHF, 1 × Simrad RS20 VHF and 1 × Simrad HS40 wireless handset.
- **AIS:** 1 × Simrad NAIS-500 AIS system for vessel identification, traffic monitoring and collision awareness.
- **Wind & Weather:** 1 × 120WX Ultrasonic Wind Sensor for wind speed, direction and environmental data.
- **Optional – Thermal Imaging:** 1 × FLIR M232 Pan/Tilt Marine Thermal Camera, providing thermal imaging and enhanced situational awareness for nighttime and low-visibility navigation. (Option 25)

18- Interior Package

Master Cabin-Essential Interior Package



Distinguished by sustainable, eco-friendly vegan leather details, this version offers a light and modern simplicity. The glossy white lacquered ceiling panels and integrated spotlights bring an airy, bright sense of spaciousness to the interior. Minimalist wallpaper paired with parallel LED lighting at the headboard creates a peaceful ambiance, while the natural oak flooring adds warm, timeless texture.

Master Cabin-Luxury Interior Package



Emphasizing superior durability and craftsmanship, this version delivers high prestige through rich, tactile premium genuine leather finishes. The leather-framed stretch ceiling, diamond-stitched headboard, and refined Alpi wood accents bring a sophisticated architectural character to the space. Herringbone walnut parquet paired with a marine-grade Tencel carpet provides supreme underfoot comfort and elegance.

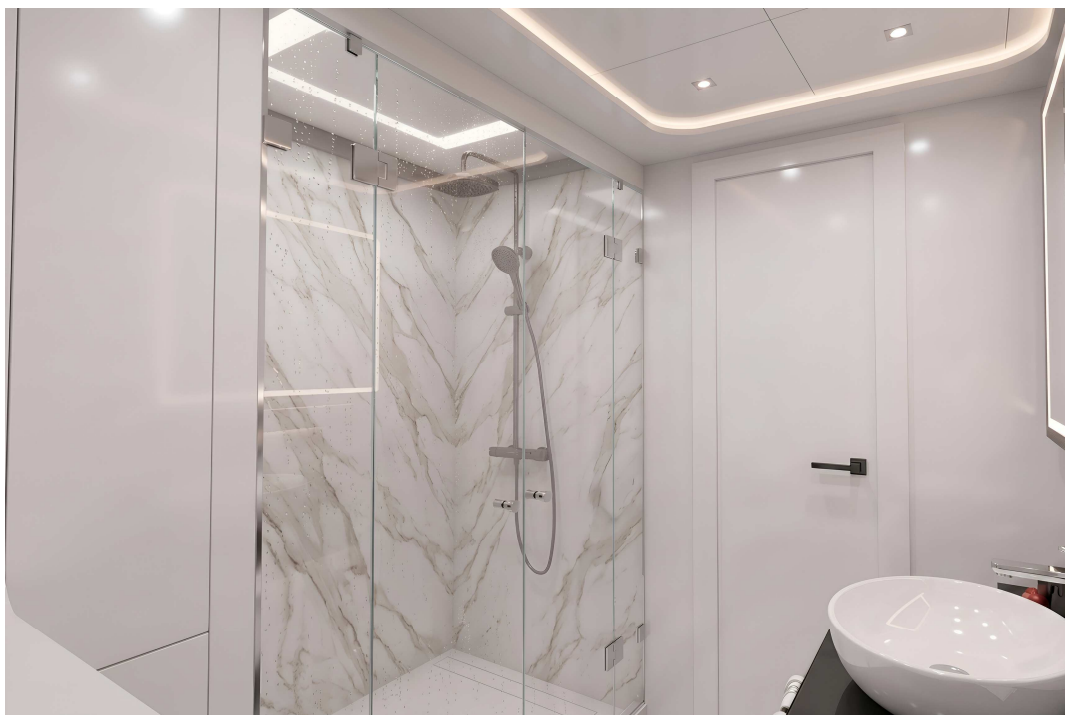
Master Cabin En Suite -Essential Interior Package



Master Cabin En Suite -Luxury Interior Package



Master Cabin En Suite -Essential Interior Package



Master Cabin En Suite -Luxury Interior Package



19- Options

List Price

☐ Option 01: Main Engine; MAN V12-2000 + ZF POD 4900.	(01)	€300.000
☐ Option 02: Humphries Active ride & trim control system.	(02)	€55.000
☐ Option 03: Main maneuvering station.	(03)	€25.000
☐ Option 04: 2x 550kg / 1212lbs thrust Sleipner hydraulic Sh550 bow thruster.	(04)	€37.500
☐ Option 05: 2 × Ultra® 180 kg mirror-polished stainless-steel anchor.	(05)	€10.000
☐ Option 06: Main deck aft automatic electrical sliding door.	(06)	€15.000
☐ Option 07: Two 2.0 × 2.0 m removable pole-mounted marine umbrellas with flush-mounted deck sockets.	(07)	€10.000
☐ Option 08: The adjustable louver system. (electric motor activated)	(08)	€55.000
☐ Option 09: Opacmare® electro-hydraulic transformer platform	(09)	€100.000
☐ Option 10: Twin fold-down electro-hydraulic side platforms.	(10)	€112.500
☐ Option 11: Multifunction telescopic passerelle convertible into a swimming ladder.	(11)	€45.000
☐ Option 12: Integrated saltwater swimming pool, approximately 2.85 × 2.10 m, equipped with automatic filtration, circulation and heating systems.	(12)	€95.000
☐ Option 13: Awlcraft 3000® premium acrylic urethane coating system.	(13)	€30.000
☐ Option 14: Extended Range Package – Increased fuel capacity for a target range of approximately 2,000 Nm at 10 knots.	(14)	€37.500

List Price

☐ Option 15: Alfa Laval® fuel purifier system for continuous fuel purification and removal of water and fine contaminants.	(15)	€25.000
☐ Option 16: Second Sea Recovery Aquamatic XL 1400 reverse osmosis Watermaker.	(16)	€25.000
☐ Option 17: Automatic freshwater softening (water softener) system.	(17)	€10.000
☐ Option 18: ECOmar 20 marine sewage treatment plant for onboard wastewater treatment.	(18)	€37.500
☐ Option 19: Automatic bilge stripping lines & pumps.	(19)	€27.500
☐ Option 20: Automatic sprinkler system protecting the accommodation spaces.	(20)	€55.000
☐ Option 21: MAR-IX® chilled-water air conditioning system for enhanced energy efficiency.	(21)	€87.500
☐ Option 22: Fully redundant electrical distribution architecture comprising two independent AC main switchboards and two independent DC main distribution panels.	(22)	€100.0000
☐ Option 23: Upgrade to two synchronized Northern Lights® M844K generators, each rated at 40 kW, 50 Hz.	(23)	€70.000
☐ Option 24: Alarm Monitoring System	(24)	€20.000
☐ Option 25: 1 X FLIR M332 Pan/Tilt 9Hz Marine Thermal Camera	(25)	€12.500
☐ Option 26: Luxury Interior Package	(26)	€385.000



NAR Design Yacht Design &
Engineering Co. Ltd.

Esenyalı Mah. Yanyol Cad. Varyap Plaza
No:61-239
Pendik/İstanbul/Turkey

+90 216 807 0 627
info@nardesign.com.tr
www.nardesign.com.tr
www.linkedin.com/company/nardesign

“A New Scale of Living at Sea.”



Passionately designed by,

