



Numarine 26XP Explorer Yacht

Technical Specifications

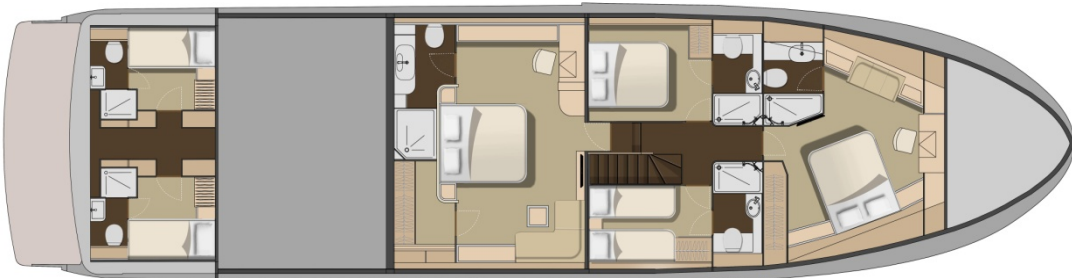
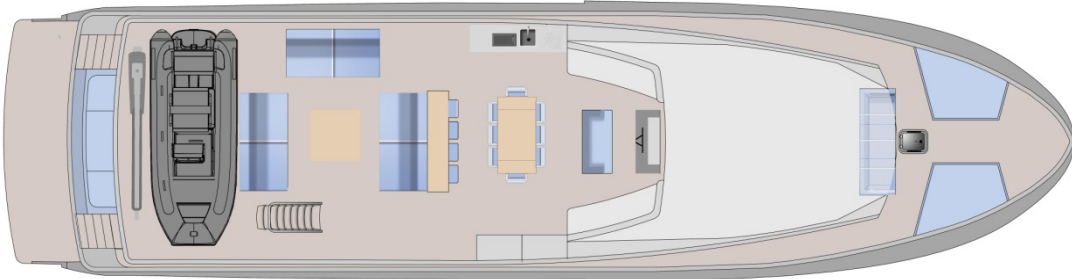


Involved Parties

Builder:	Numarine
Naval Architecture:	Umberto Tagliavini
Engineering:	Umberto Tagliavini Numarine Design Office
Exterior Design:	Can Yalman
Interior Design:	Can Yalman Numarine Design Office



NUMARINE





GENERAL ARRANGEMENT

DESCRIPTION

This vessel is a motor yacht with a choice of displacement or semi-displacement hulls, twin screw propellers and twin diesel engines.

The yacht will have FRP hull and superstructure.

The yacht is designed to CE category A for offshore cruising and will have the appropriate stability, sea keeping, maneuverability and general handling requisites.

The design and construction shall generally be in accordance with the following specifications and all materials used and works carried out shall be in conformity with the best yacht & shipbuilding standards.

If, as a result of increased experience or general technical developments, other designs, materials or methods of manufacture than those stated in this specification are found to be more efficient or better suited for the intended purpose, they may be adopted.

NOISE AND VIBRATION CONTROL

This Yacht is designed in conjunction with Van Cappellen consultants to the highest standard for noise and vibration, each machine is studied to evaluate the best mounting and connection solution to provide optimum isolation preventing vibration transfer into the structure, free airborne noise is minimised and insulated with the latest technology in sound absorbance and blocking. The yacht is designed comply with or exceed RINA "Comfort Class".





NUMARINE 26XP EXPLORER TECHNICAL SPECIFICATION

1. PRINCIPAL CHARACTERISTICS

PRINCIPAL DIMENSIONS

	Imperial	Metric
Length overall inc. platform.....	84' 11".....	25.89m
Length of hull.....	78' 7".....	23.95m
Beam.....	21' 8".....	6.60m
FL Draft inc. propellers.....	6' 11".....	2.12m
FL Draft from keel.....	4' 4".....	1.32m
Displacement light ship.....	171,078lbs.....	77.6 tonne
Displacement full load.....	205,029lbs.....	93.0 tonne
Semi-Displacement light ship.....	169,535lbs.....	76.9 tonne
Semi-Displacement full load.....	203,486lbs.....	92.3 tonne
Fuel capacity.....	2,199 gal.....	10,000 lt
Fresh water capacity.....	439 gal.....	2,000 lt
Black water capacity.....	219 gal.....	1,000 lt

PROPULSION AND PERFORMANCE

Propulsion Displacement

Engines	MAN D2676 LE 435-560hp - (412KW / 2100RPM V6)
Gearbox.....	ZF 500 IV ratio3:1
Maximum Speed.....	up to 13.5 knots*
Cruising Speed.....	up to 9 knots*
Cruising Range.....	up to 3000 Nm @ 8knots*
Bow Thruster.....	15kW-285Kg thrust DC electric
Stern Thruster.....	11.4kW-240Kg thrust DC electric

Propulsion Semi-Displacement

Engines	Twin MAN V8-1200 hp @ 2300 rpm
Gearbox.....	ZF 665 V ratio 2.448:1
Maximum Speed.....	up to 23 knots*
Cruising Speed.....	up to 18 knots*
Cruising Range.....	up to 500 nautical miles*
Bow Thruster.....	15kW-285Kg thrust DC electric
Stern Thruster.....	11.4kW-240Kg thrust DC electric



GENERATORS

Generators 27 kW 230 Volt 50 Hz
..... 17 kW 230 Volt 50 Hz

2. SUMMARY OF MAIN STANDARD EQUIPMENT

- Full med spec air conditioning/heating with central chiller system with individual controlled fan coil for each cabin (30deg Ambient)
- Electric fin stabilization
- Hydraulic lifting platform
- Twin electric anchor winch with foredeck and three station controls
- 24V DC/230V AC electrical system
- Hot and cold swimming shower at stern
- Side opening pantograph helm access door
- Power assisted hydraulic steering system
- Flybridge wetbar with sink, hot and cold water, electric barbeque, fridge and ice maker
- Flat screen televisions in Master, VIP, captain and crew staterooms with SAT connection
- Satellite Dish TV system (60 cm)
- Harman Kardon HKTS 65BQ Home theatre speaker system
- BOSE sound bar in master and VIP staterooms
- Fusion/JL Audio exterior sound system-cockpit, bow, flybridge
- Electric refrigerator and freezer
- Ceramic hob, microwave/conventional oven/grill and dishwasher
- Spring/latex mattresses in all guest cabins
- Raymarine dual station electronic depth and speed displays
- Raymarine Autopilot + VHF with AIS
- Raymarine radar with multifunction 16" display, two display in main helm, one display in flybridge helm
- Hot and cold water system
- Twin Fresh water pumps
- Toilet system with holding tank
- Automatic fire extinguishing system for engine room
- Automatic bilge pumps
- Twin 230v 63amp AC shore power inlets and battery chargers
- Electric bow and stern thruster
- Dual station hydraulic trim tabs with indicators (Semi-displacement configuration only)
- Remote controlled search light
- Teak laid bathing platform and steps, side decks and foredeck, flybridge floor, flybridge stairway and cockpit floor



- Flybridge sunbed and cushions
- Watertight pantograph transom door
- Fully fitted twin berth crew cabin
- Electric stern rope mooring winches
- Antifouling
- 2x under water transom lights
- Dual Fuel Filters
- Washer Dryer
- 2 cameras with monitor in the wheelhouse
- Flybridge manual bimini system
- Isolation transformers
- Classification CE Category A

3. CONSTRUCTION

- Composite structure with PVC foam, unidirectional and multiaxial E-glass with polyester resin
- Scantling and structural FEA calculations completed by Gurit Composite Engineering
- Hull is stiffened with longitudinal stringers supported by transverse bulkheads
- All gel coated hull and superstructure
- All interior partition bulkheads are of PVC foam or lightweight material cored plywood

4. MAIN DECK & COCKPIT

- Teak laid side decks and foredeck, flybridge stairway and cockpit floor
- Fittings all in stainless steel
- Pair bow cleats and fairleads
- Two pairs of spring cleats
- Pair of stern cleats and fairleads
- Pulpit and side rails
- Stainless steel bow roller with anchor stop
- Stainless steel bow plate
- Stainless steel twin anchor 80kg and 2x100m Galvanized chain
- Electric anchor winches with three station controls
- Chain locker and fender stowage
- Pantograph windscreen wipers and washers
- Port & starboard fuel filler
- Fresh water filler
- Ensign staff and socket
- Seating and table at fore deck
- Deck wash-cockpit, foredeck, flybridge



- Cockpit wetbar with sink, hot and cold water, fridge
- Foredeck sun bed with cushions
- Bow rope stowage locker
- Hot and cold hand held swimming shower at transom
- Dockside twin 230v 63amp AC shore power connection
- Control panel for hydraulic lifting platform, emergency fuel shut off valves, engine room fire extinguishing activation system and engine shutdown switches
- Holding tank with dockside pump out
- Watertight pantograph transom door
- Low level deck lighting
- Cockpit camera
- 2 JL Audio speakers and subwoofer connected to Fusion system in cockpit
- 2 JL Audio speakers connected to Fusion system on foredeck

5. BATHING PLATFORM

- Teak laid hydraulic bathing platform (700 Kg maximum lifting capacity)
- Stairs to aft cockpit with teak treads
- Slide out stainless steel swimming ladder
- Two stainless steel tender cleats

6. FLYBRIDGE

- Teak laid flybridge floor
- Helmsman seat
- Seating area
- Storage lockers under seating
- Teak dining table
- Loose furniture
- Upholstered sunbathing area forward
- Stainless steel safety rails
- Wet bar with sink, hot and cold water, electric barbeque, fridge and ice maker
- GRP radar arch structure with down lighting, remote controlled searchlight and twin horns
- 2 JL Audio speakers connected to Fusion system
- Navigation lights
- 4KW radar antenna
- VHF whip aerials
- Companionway hatch to aft cockpit
- Bimini cover
- Flag staff
- Console cover



7. FLYBRIDGE HELM STATION

- Electro -hydraulic power steering and adjustable tilt steering wheel
- Full engine controls and instrumentation
- Trim tab control with indicator (Semi-displacement configuration only)
- Anchor windlass controls
- Bow and stern thruster control
- Magnetic compass
- Navigation, anchor and light switches
- Horn control
- Rudder angle indicator
- Engine room fire extinguisher warning system
- Searchlight control
- 16" Multifunction display
- Autopilot display
- Tridata (Depth, speed and temperature) digital display
- GPS
- VHF 2nd Handset

8. SALOON AND DINING

- Sofa seating in aft saloon with coffee table and scatter cushions
- Choice of varnished interior finishes and veneers
- Parquet floor to saloon and dining area
- Lacquered ceiling panels
- Pop-up 50" Flat screen television
- Harman Kardon HKTS 65BQ Home theatre speaker system
- Port and starboard electric drop down windows
- Air conditioning
- Side windows with blinds
- Storage cupboard unit
- Stainless steel framed sliding patio door to aft cockpit
- LED overhead lighting
- AC sockets
- Dining table with 6 chairs
- Day head with toilet and hot/cold water sink with mirror and extractor fan (in the passageway to the helm)



9. GALLEY

- Air conditioning
- Choice of varnished interior finishes and veneered units with synthetic stone worktop
- Epoxy floor coating
- 2 Fridge/freezers
- Ceramic hob
- Microwave/conventional oven and grill
- Dishwasher
- Hob extractor
- Stainless steel sink
- Hot and cold water
- 8 place crockery set
- 8 place cutlery set
- Storage consisting of cupboards, drawers and top lockers
- LED overhead lighting
- AC sockets
- Fire extinguisher
- 8 piece small glass set, 8 piece large glass set
- Sliding door to dining area
- Pantograph door to side deck

10. LOWER HELM CONSOLE

- Captain's helm seat
- Seating area on portside with a table
- Electro - hydraulic power steering and adjustable tilt steering wheel
- Console with veneer furniture and material top finish
- Full engine controls and instrumentation
- Trim tab control with indicator (Semi-displacement configuration only)
- Anchor windlass controls
- Bow and stern thruster controls
- Magnetic compass
- Navigation, anchor and dashboard light switches
- Horn control
- Bilge alarm panel (monitoring system)
- Wiper and screen wash control
- Rudder angle indicator
- Fuel level (monitoring system)
- Fresh water level (monitoring system)
- Black water level (monitoring system)
- Searchlight control
- Engine room fire extinguisher warning system



- 2x16" Multifunction display
- Autopilot display
- Tridata (Depth, speed and temperature) digital display
- GPS
- VHF with AIS
- Hand-held fire extinguisher
- Bilge pump controls
- Main control panel (AC/DC) with generator controls
- Side opening doors to starboard and portside deck
- Parquet floor to helm position
- Radio with speakers
- Red night lights

11. MASTER STATEROOM & ENSUITE

- Full width master stateroom
- King size bed with spring mattress, linen and bedspread; storage underneath
- Wardrobe, cupboard & drawer storage space
- Bedside units with storage
- Bedside lights
- Writing desk
- Low level LED lighting
- Air conditioning
- 40" LED TV
- BOSE sound bar
- L-shape seating
- Choice of varnished interior finishes and veneered furniture with bronze details
- Upholstered ceiling panels
- Sockets and switches
- Blinds or curtains to all portholes
- Fitted carpet or parquet
- Separate walk in wardrobe with built in digital safe
- Washbasin set in to synthetic stone vanity top
- White china macerator electric WC
- Full standing height shower stall and hinged glass door
- Choice of varnished interior finishes and veneered
- Furniture panels
- Bonded glass windows with opening port lights and fly screens
- LED ceiling lights
- Sockets and switches
- Mirror
- Designer stainless steel taps and shower mixer
- Full set of designer bathroom fittings, towel ring, toilet roll holder



- Storage lockers
- Synthetic stone bathroom floor
- Towel set

12. VIP STATEROOM, GUEST CABINS & ENSUITES

- Double bed with spring mattress, linen and bedspread; storage underneath (VIP, port guest cabin)
- Twin bed with spring mattress, linen and bedspread; storage underneath (starboard guest cabin)
- Bedside lights
- Low level lights
- Air conditioning
- 32" LED TV (VIP)
- BOSE sound bar
- Bonded glass window with opening port light and fly screen (VIP only)
- Stainless steel opening port lights with fly screens (Guest)
- Access to en suite shower room
- Choice of varnished interior finishes and veneered furniture
- Upholstered ceiling panels
- Blinds or curtains to all portholes
- Fitted carpet or parquet
- Wardrobe, drawer and cupboard storage space
- Sofa (VIP)
- Emergency access hatch to foredeck (VIP)
- Washbasin set in to synthetic stone vanity top
- White china macerator electric WC
- Full standing height shower stall and hinged glass door
- Choice of varnished interior finishes and veneered
- Furniture panels
- LED ceiling lights
- Sockets and switches
- Mirror
- Designer stainless steel tap and shower mixer
- Full set of designer bathroom fittings (toothbrush and glass holder, towel ring, soap dish, toilet roll holder)
- Storage lockers
- Synthetic stone floor
- Towel set



13. CREW CABIN & BATHROOM

- Bunk bed with mattresses, linen and bedspreads
- Reading lights
- Air conditioning
- Laminate furniture, panels and ceilings
- Stainless steel opening porthole with fly screen
- LED ceiling lights
- 19" LED TV
- Sockets and switches
- Blinds or curtains to all portholes
- Parquet floor
- Washbasin set into synthetic stone counter top
- White china macerator electric WC
- Shower stall with hinged glass door
- Mirror
- Mixer taps
- Storage lockers
- Teak bathroom floor

14. CAPTAIN CABIN & BATHROOM

- Single bed with mattresses, linen and bedspreads
- Reading lights
- Air conditioning
- Laminate furniture, panels and ceilings
- Stainless steel opening porthole with fly screen
- 19" LED TV
- Blinds or curtains to all portholes
- Parquet floor
- Washbasin set into synthetic stone counter top
- White china macerator electric WC
- Shower stall with hinged glass door
- LED ceiling lights
- Sockets and switches
- Mirror
- Mixer taps
- Storage lockers
- Teak bathroom floor



15. ENGINE COMPARTMENT AND ANCILLARIES

- Separate fuel filters
- Automatic fire extinguishing system with engine/generator and fan shutdown and indicators at both helm positions
- Automatic bilge pumps in each watertight compartment
- Automatic engine room extractor fans with manual override
- Generators
- Main battery banks
- Fresh water pumps
- Black water holding tank

16. ELECTRICAL SYSTEM

- Onan 27 Kw 230 Volt 50 Hz , 4 cylinder Diesel generator with sound shield, 12V start and control panel.
- Onan 17 Kw 230 Volt 50 Hz , 4 cylinder Diesel generator with sound shield, 12V start and control panel.
- Twin dockside 230V 63amp 50Hz AC connection socket
- 24V and 12V DC electrical system with full circuit breaker protection
- 24V engine battery bank 220Ah
- 24V auxiliary battery bank 880Ah
- 2x 12V generator batteries
- 24V battery bank for windlasses and thruster/Split banks 2+2 to allow 48V for thruster
- 5,000W 24VDC/230VAC Inverter
- Alternator combined charging system
- 1x 120amp + 1x 80amp battery chargers for 24v circuits
- 20amp battery charger for 12V circuits
- 2 KW immersion heater for hot water tank
- AC sockets throughout the boat
- 230VAC Fin stabilizers



17. UNDERWATER GEAR

- 5 blade NAB bronze propellers
- NAB bronze P brackets
- Stainless steel Marinemet 25 duplex shafts
- Dripless shaft logs
- High performance bronze rudders
- Full cathodic bonding system to aluminium anodes
- Electric bow and stern thruster
- Hydraulic trim tabs
- Antifouling - black

18. SYSTEMS

- Hydraulic power steering
- Chilled water med spec air conditioning system (reverse cycle)
- Chillers installed in engine room
- Fan coils are installed at each cabin with control units

Fresh Water System

- One 2000 liter integral grp tank fitted underneath the guest cabin (with inspection manhole) and 75 liter hot water tank in engine room
- Tank level sensor with gauges at helm position
- Automatic water pumps with filter

Grey and Black Water System

- 1000 liter HDPE black water holding tank is installed in the engine room bilge
- Pressurised fresh water WC system linked to holding tank
- Macerator toilets
- Holding tank dock side and overboard discharge with
- low noise electric macerator pump
- Tank Level Gauges
- 6 x automatically controlled bilge pumps with manual override
- located in each accommodation area, engine room and lazarette

Sea Water System

- Two water intakes for main engine cooling
- Two water intakes for generator cooling
- One intake for air conditioning compressor cooling



19. MISCELLANEOUS

- 8x fenders
- 6x mooring ropes
- Life jackets to flag authority (beds +2)
- Stainless steel boat name
- Windscreen and side screen covers.

20. OPTIONAL EXTRAS

Please refer to separate options list.

* Standard items will vary on boats supplied to the Middle Eastern and American markets. Every attempt has been made to give accurate information, but performance and range figures are estimates given as a guide only. Dirt or growth on the hull, tuning of the engines, size, make of engines fitted, damage to propellers, the temperature of the air and water, the weight of fuel, water, stores, number of people, propeller pitch, quality of fuel and other matters, can all affect a boats performance and range. For these and other reasons we give no performance, range or other guarantees and neither such guarantees nor anything contained herein constitutes an offer of contract or any representation or agreement, or may otherwise be relied upon. The individual specification for each vessel will be agreed as part of the sales contract between the purchaser and Numarine or an authorized Numarine dealer. Dealers and distributors are independently owned and operated entities, and therefore Numarine dealers and distributors are not owned by Numarine or any subsidiaries or other related entity of this company nor are they their agents. Therefore they have absolutely no authority to commit Numarine, or any subsidiary or other related entities of Numarine to any pledge, contract or agreement in any form or by any means unless first accepted in writing by Numarine. Specifications may be changed at any time without notice or liability.

NUMARINE 26XP EXPLORER TECHNICAL SPECIFICATION