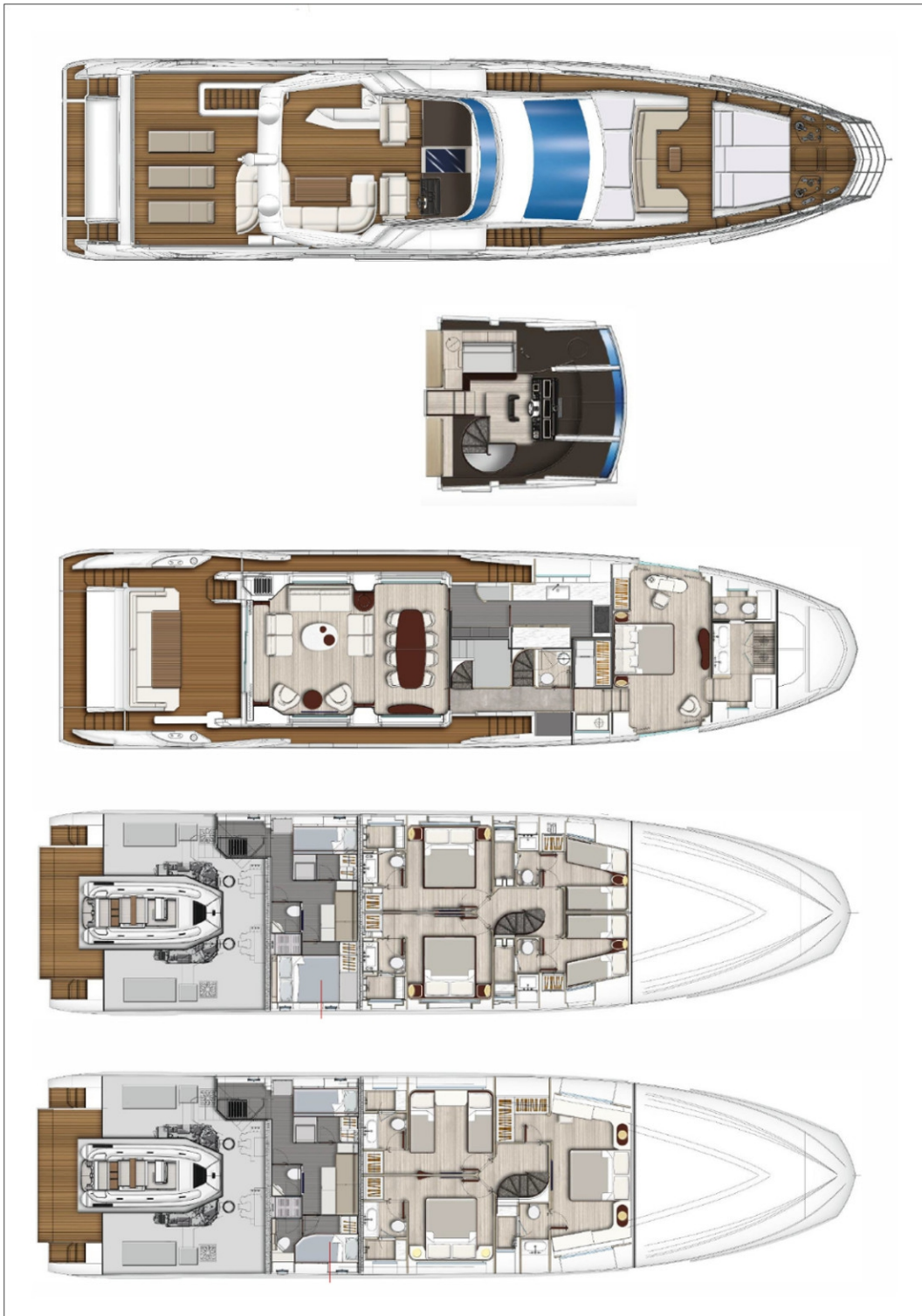


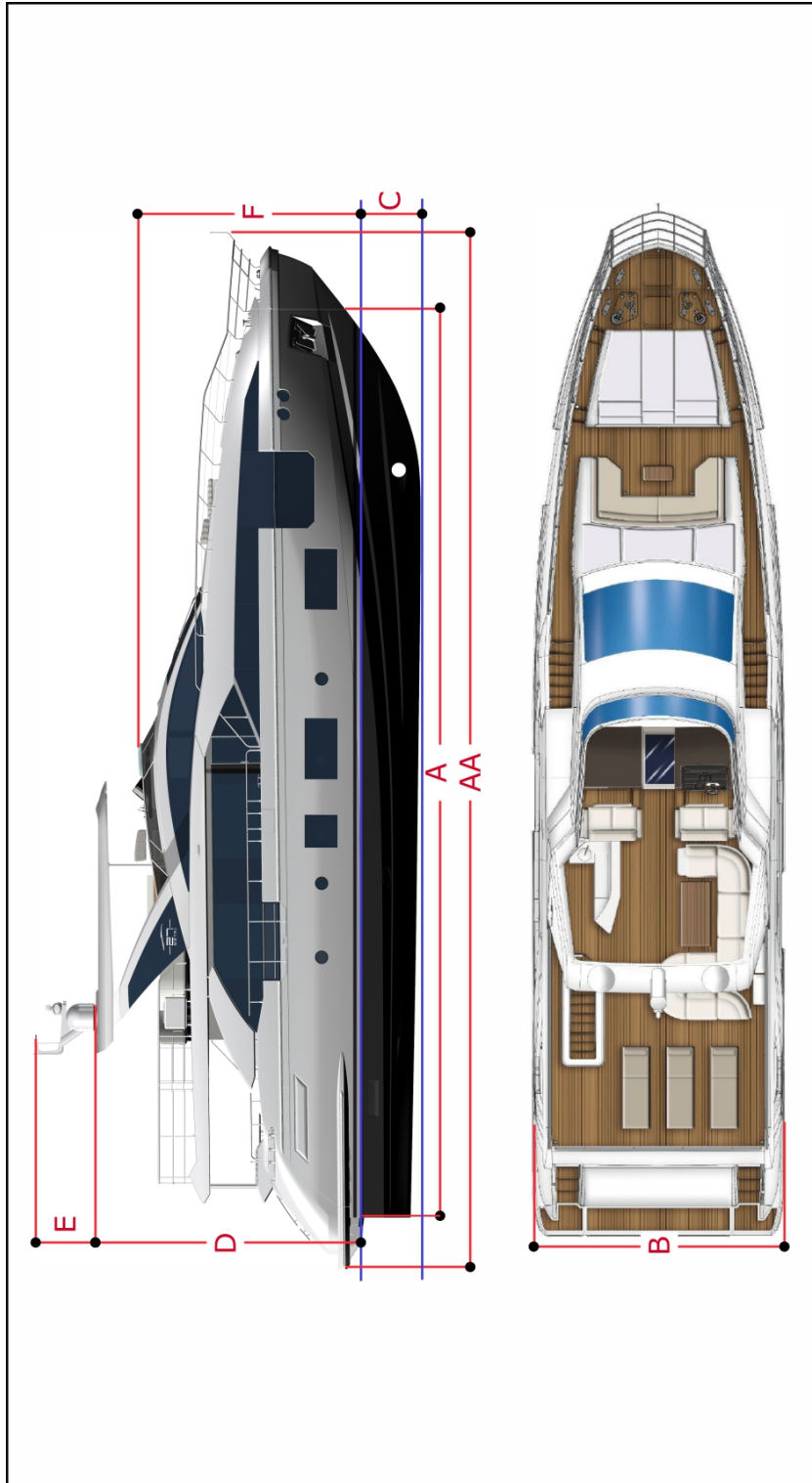
GRANDE 27M (FROM HULL 054)

General plans (the imagine is to be considered as indicative only)



TECHNICAL SPECIFICATIONS GRANDE 27M (FROM HULL 054)

Dimensional diagram (figure shown for indicative purposes)



TECHNICAL SPECIFICATIONS GRANDE 27M (FROM HULL 054)

Main characteristics

The following tables list the boat's main characteristics.

Dimensions and weights

(AA) Maximum length L_{MAX} ISO 8666 (stern platform, pulpit overhang, bow roller, and rub-rails included)	26.78 m (87' 10")
(A) Hull length L_H (excluding platform and bow appendages)	23.95 m (78' 7")
Waterline length L_{WL} ISO 8666 (with full load)	22.62 m (74' 3")
(B) Maximum beam B_{MAX} ISO 8666 (at aft protections)	6.59 m (21' 7")
(C) Draught T_{keel} ISO 8666 (with full load)	1.45 m (4' 9")
Draught T_{MAX} ISO 8666 (at the propellers)	1.93 m (6' 4")
(D) Hull height H_A ISO 8666 (from waterline to radar arch)	6.67 m (21' 11")
(E) Height H_{mast} (from radar arch to light mast)	1.31 m (4' 4")
(F) Height H_{screen} (from waterline to flybridge screen)	5.83 m (19' 2")
Maximum load recommended by the manufacturer ((Max. no. people on board x 75kg) + (Max. no. people on board x 30 kg baggage))	1,680 kg (3,703.8 lb)

Loaded displacement m_{LDC} ISO 8666 (boat mass with full tanks + max. no. of crew members and personal equipment + life raft, with tender)	92.96 t (91.492 tn l.)
Light displacement m_{LCC} ISO 8666 (boat mass with empty tanks without crew and equipment)	75.9 t (74.7 tn l.)

Tank capacity

Diesel tank capacity (total)	9,500 l (2,509.6 US. liq.gal.)
Fresh water tank capacity	2,000 l (528.3 US. liq.gal.)
Black water tank capacity	850 l (224.5 US. liq.gal.)
Gray water tank capacity	850 l (224.5 US. liq.gal.)

Layout and structure

Cabins	4 + 2 crew cabins
Beds	8 + 3 crew cabins
Heads	5 + 2 crew cabins
Material	GRP+ CARBON
Hull	Planing Dead-rise at stern: 13.6° Dead-rise amidship: 16.8°

TECHNICAL SPECIFICATIONS GRANDE 27M (FROM HULL 054)

Hull designer	Pierluigi Ausonio Naval Architect & Azimut yachts
Exterior designer	Righini
Interior designer	Achille Salvagni - Customization requested by the owner developed by the Azimut Style Office

Approval category and capacity

CE type approval category	A
Maximum capacity	16 people

Performance

Maximum speed (*)	28 kn
Cruising speed (*)	24 kn
Maximum speed consumption (*)	700 l/h (184.80 US.liq.gal./h)
Cruising speed consumption (*)	580 l/h (153.12 US.liq.gal./h)
Range at cruising speed (*) (excluding 10% for fuel that cannot be pumped)	360 nmi

► N.B.

The addition of stabilizing fins leads to a further reduction of 1 knot.

► N.B.

(*) All performance specified in the table above applies to a standard configuration boat (standard equipment installed excluding tender, jet ski, etc.) with clean hull, propellers, and rudders.

Furthermore, the performance indicated above has been defined under good sea and wind conditions (Beaufort Scale level 1, Douglas Scale level 1, ambient T < 25 °C, seawater T = 15 °C, atmospheric P = 1013.25 hPa) with two people on board, 25% fuel, and fresh, gray, and black water tanks empty.

Different or harsher sea conditions may significantly affect performance.

GRP frame

MATERIAL

	CARBON FIBER	FIBER-GLASS
HULL		X
DECK		X
SUPERSTRUCTURE	X	
FLYBRIDGE	X	
RADAR ARCH	X	
HARD TOP	X	
TRANSOM/ PLATFORM	TRANSOM	

TYPE OF RESIN

	VINYL ESTER	POLYESTER
HULL SKIN COAT	X	
HULL CORE CONSTRUCTION	ISOFT-ALIC	ISOFT-ALIC
DECK SKIN COAT	X	

TECHNICAL SPECIFICATIONS GRANDE 27M (FROM HULL 054)

	VINYL ESTER	POLYESTER
DECK CORE CON- STRUCTION	X	
SUPERSTRUCTURE SKIN COAT	X	
SUPERSTRUCTURE SKIN COAT	X	
FLYBRIDGE SKIN COAT	X	
FLYBRIDGE CORE CONSTRUCTION	X	
TRAYS	X	

Tables of propulsion system component characteristics

Engines

Manufacturer	MAN
Model	V12 - 1900 EPA TIER 3
Type	Diesel engine
Max. power	2 x 1397 kW

Reduction gears / marine gears

Manufacturer	ZF
Model	3050V
Reduction ratio	3:1

Transmission

Configuration	Shaft line
Shaft length	4,335 mm (170.67 in)
Shaft angle	9°
Shaft diameter	95 mm (3.74 in)
Distance between centers	2,000 mm (78.74 in)
Shaft material	MARINOX 25

Shaft support	Bronze- manganese alloy (OTS)
Stern tube	Mechanical seal MTM900

Propellers

Model	5 blades
Material	NiBrAl
Diameter	1,150 mm (45.28 in)
Pitch	1,370 mm (53.94 in)
Profile	C-foil

Steering system

Rudders	made of stain- less steel
Bow thrusters	CMC BTM30H

Tables of deck fittings characteristics

Anchor

Quantity	2
Weight	79 kg (174.2 lb)
Material	galvanized steel

Anchor chain

Quantity	2
Diameter	12 mm (0.47 in)
Length (each)	100 m (328' 1")
Material	galvanized steel

Hawse plate

Quantity	2
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TECHNICAL SPECIFICATIONS GRANDE 27M (FROM HULL 054)

Thickness	3 mm (0.12 in)
Material	stainless steel

Anchor winch

Quantity	2
Engine power	4000 W
Engine voltage	230 V - 50/60 Hz three-phase

Mooring winch

Quantity	2
Engine power	3600 W
Engine voltage	230 V - 50/60 Hz three-phase

chocks

Quantity - bow	4
Quantity - stern	two (with rollers)
Material	stainless steel

Cleats

Quantity - bow	4 (mushroom type)
Quantity - midship	2
Quantity - stern, on mooring station	2
Material	stainless steel

Flybridge

- Access to flybridge via external stairway, located on port side
- External GRP structural stairway
- Teak-covered steps leading to flybridge, with one handrail
- Flybridge GRP flooring with anti-slip
- Plexiglas flybridge screen with stainless steel frame

- Radar arch in composite material with window inserts on external sides
- Dining area: one C-shaped sofa with backrest and removable cushions for outdoors
- Fix table (dining area), with fix bases
- Flybridge bar cabinet, with:
 - Sink built into cabinet with retractable water tap
 - Fridge
 - Barbecue with stainless steel protective cover for cabinet door and safety off switch
 - Waste bin
 - Top for covering housing appliances, when not used
- Control station: starboard seat, with two-seater bench
- Seating area on port side for two people
- Flybridge dashboard consisting of:
 - MAN 7" display for engines
 - Simrad display for:
 - >> electronic navigation instruments, BRONZE version
 - >> monitoring
 - Engine throttles
 - Steering wheel
 - Communication systems (VHF)
 - Bow thruster controls
 - audible alarm controls
 - Trim tab controls (intruder)
 - 12 V socket
- Scuppers
- Light mast
- Navigation lights
- Manual searchlight
- Anti-slip floor



N.B.

Electronic navigation instruments: see relevant paragraph.

TECHNICAL SPECIFICATIONS GRANDE 27M (FROM HULL 054)

Bow and side walk arounds

Bow

- Chain locker accessible through hatch, with internal lighting and drainage
- Fender compartment built in the fore peak
- Chain washing system
- Stainless steel anchor line anti-rubbing protection
- Fore hatch (escape route from owner's head)
- Fore sunbed area with removable cushions in fabric for outdoors
- Stainless steel handrails and Plexiglas bottle rack built into fore sunbed area
- Sofa built in the GRP structure, with backrest, equipped with lockers and removable cushions
- Protective cover for external cushions
- Four electric windscreen wipers
- Teak floor
- Scuppers
- Speakers

Walk arounds

- Two side lockers (one on each side) in deckhouse bow area
- Two manual side sliding doors giving access to:
 - port side: pantry / galley
 - starboard side: foyer
- Refueling plugs on both walk arounds
- Fresh water filling plug on each walk around
- Gray water discharge on starboard walk around
- Black water outlet on port walk around
- Rubber rub-rail with knurled stainless steel section
- GRP side boarding gates
- Teak floor

- Pulpit with handrail \varnothing 40 mm (1.57 in), thickness 3 mm (0.12 in) and stanchions \varnothing 30 mm (1.2 in)
- Shades for side glass panel

Cockpit and platform/garage

Cockpit

- Two accesses (one per side)
- One C-shaped sofa (in dining area) with backrest, in central position, built in the deck, equipped with lockers and removable cushions
- Fix teak table (in dining area) with fixed bases
- Saloon access door made in steel with tempered glass. This is composed of three foldaway sliding flat panels, which open towards the starboard side.
- Protective cover for external cushions
- Scuppers
- Cockpit's bar cabinet, positioned towards the starboard side, composed of:
 - Sink built into cabinet with retractable water tap
 - Icemaker
 - Waste bin
 - Cover top
- Engine room access, through watertight hatch and teak finish
- Teak floor
- Two stainless steel flybridge support poles, \varnothing 90 mm (3.54")
- Gangway extensible system, three positions, maximum capacity 150 kg (330.7 lb) operated through 24 V DC electrohydraulic control unit

Platform/garage

- Garage access pivoting hatch, in GRP with teak finish, having the following dimensions:
 - closed: 3811 x 760 mm (12' 6" x 2' 6")
 - open: 3811 x 2555 mm (12' 6" x 8' 4.6")

TECHNICAL SPECIFICATIONS GRANDE 27M (FROM HULL 054)

- Platform hatch, rated capacity 1000 kg (2204.6 lb), supplied at 230 V AC.
- Cockpit external access steps in GRP with steps covered in teak
- Two stainless steel boarding gates
- External shower head, on starboard side
- Two stainless steel handrails
- Teak floor
- Extractable emergency manual swimming ladder, on starboard side
- Foldable manual swimming ladder, on port side inside the garage
- Starboard side locker with hatch
- INSTALLABLE TENDER (OPT):
 - MAXIMUM DIMENSIONS OF TENDER - GARAGE: 4.50 x 2.00 m (14' 9" x 6' 6.7")
 - MAXIMUM DIMENSIONS OF TENDER - FLYBRIDGE: 3.30 x 1.70 m (10' 10" x 5' 7")
 - LIFT PAYLOAD EXCLUDING GRP, TEAK AND LADDER: 1000 kg (2204.6 lb) OPEN
 - RECOMMENDED TENDER - GARAGE: WILLIAMS DJ445
 - RECOMMENDED TENDER, FLYBRIDGE: Pirelli J33
 - NOTES: with the following features: collapsible windscreen, removable steering wheel, deflatable bow (the mini-compressor must be purchased with the dinghy)
- adjustable squab with stainless steel structure and padded cushion
- storage cabinet, aft, starboard side
- Leather-covered steering wheel
- Carpeted floor
- lacquered ceilings, mullions, and window carters
- LED technology lighting
- Internal dashboard consisting of:
 - MAN 7" display for engines
 - Simrad display for:
 - >> electronic navigation instruments, BRONZE version
 - >> monitoring
 - Engine throttles
 - Communication systems (VHF)
 - magnetic compass
 - Bow thruster controls
 - audible alarm controls
 - Trim tab controls (intruder)
 - 12 V socket
- Adjustable air conditioning outlet
- 24 V / 230 V electric panel, located aft, port side
- Emergency panel
- Two-seater sofa, placed longitudinally, on port side of the wheelhouse
- Flybridge access ladder, placed at the center of the yacht

Wheelhouse

Located on the half deck raised from the main deck.

The wheelhouse is accessible through:

- internal ladder located in the foyer (starboard side)
- sliding companion on the flybridge (direct connection between internal wheelhouse and flybridge external wheelhouse)

The wheelhouse includes:

► **N.B.**
Electronic navigation instruments: see relevant paragraph.

Pantry

Located on port side of the main deck, this area is accessible through:

- sliding door for direct access to saloon and dining area

TECHNICAL SPECIFICATIONS GRANDE 27M (FROM HULL 054)

- side service sliding door connecting to external port walk around

The pantry includes:

- Low storage cabinets located on yacht center side, for storage (see general plans)
- Storage cabinet for crockery located at the bulwark
- Top above the storage cabinets, to be used as a resting or work surface
- Wooden flooring
- LED technology lighting
- Air conditioning outlet grating

Galley

Located on port side, the access is through concealed sliding door located forward of the pantry. This layout allows full isolation of this area from the saloon and dining area reserved for the owner and his guests.

The galley is composed of:

- 419 l (14.8 cu.ft) refrigerator + 247 l (8.7 cu.ft) freezer
- Stainless steel sink with faucets
- Extractor hood
- 76 l (2.68 cu.ft) oven
- Four-burner induction range
- Flooring in vinyl
- Composite material worktop
- Storage wall units on port bulwark
- LED technology spotlights
- Sockets
- Air conditioning outlet grating

Day toilet

Located in the foyer (starboard side of the main deck), just forward of the stairs leading to the cabins.

It is composed of:

- Washbasin
- Mixer tap
- Toilet
- Mirror
- Synthetic teak floor
- LED technology lighting
- Air intake fan
- Socket
- Head accessories

Saloon / Dining room

It is composed of:

- One three-seater sofa, placed longitudinally on port side
- Two opposed two-seater sofas, on port side
- Table
- Two armchairs on starboard side
- Carpet floor in the saloon area
- Carpet floor in the dining area
- Ceiling-mounted recessed spotlights with dimmer and LED technology
- Ceiling lamp in the dining area
- Sockets
- Air conditioning control panel
- Dining area with full-height panoramic window on port side
- Saloon area with full-height panoramic window on starboard side
- Dining table
- Eight chairs
- Air conditioning outlet grid built in the internal furnishing
- Side venetian blinds
- Saloon door curtain in fabric
- One low storage cabinet located on port side near the central door
- One storage cabinet located on starboard side of the dining area
- Lacquered ceiling

TECHNICAL SPECIFICATIONS GRANDE 27M (FROM HULL 054)

- Two sliding doors located forward, for access to:
 - pantry / galley (port side)
 - foyer/ owner's area / guests' area / wheelhouse (starboard side)

Owner's cabin

The full-beam owner's cabin is composed of:

- Side entry to cabin via small corridor
- Walk-in wardrobe with wardrobes equipped with hanger bar, internal lighting, chest of drawers, full-height mirror with concealed sliding door
- Portlight in entrance compartment
- Double bed at the center of the yacht, with foldaway bed base and locker
Access to service compartment under the bed
- Headboard
- Mattress, pillows and bedspread
- Two reading lights
- Two bedside tables with drawer
- Fix side windows on each side of the cabin, full height
- Chest of drawers, forward of the owner's bed
- Main lighting with dimmer, LED technology
- LED technology courtesy lighting
- Direct access to head, through passage on starboard side
- Full length mirror
- Venetian blinds
- Wood-upholstered bulwarks
- Lacquered and wood ceiling
- Carpeted floor
- Sockets
- Air conditioning system control panel
- Wardrobe on port side

Owner's head

Full-beam, located forward of the owner's cabin. It is composed of:

- independent access from owner's cabin
- Central shower enclosure with:
 - glass access door
 - shower walls covered in marble and synthetic teak
 - removable grating
 - thermostatic mixer
 - hand-held and ceiling-mounted shower head
 - soap holders
 - watertight spotlights
 - suction grating
- Double washbasin with quartzite top
- Mirrors
- Storage drawer under the washbasin
- Side cupboard with storage space
- Compartment separated by a sliding door on port side, for toilet
- Lighting with LED ceiling light above washbasins
- Direct lighting with cockpit ceiling-mounted recessed spotlights with LED technology
- Four openable portlights
- Venetian blinds
- Synthetic teak floor
- Sockets
- Head accessories
- Emergency escape hatch in fore sunbed area

Lobby

The below deck corridor is composed of:

- Ladder leading to the main deck
- Wooden steps
- Lacquered ceiling
- Upholstery on bulwark in wood essence

TECHNICAL SPECIFICATIONS GRANDE 27M (FROM HULL 054)

- Carpeted floor
- LED technology lighting
- Ladder steps lighting
- Storage compartment under the ladder

Starboard side guest cabin

It is composed of:

- Double bed placed transversally on bulwark, with foldaway bed plane and locker below, headboard
- Mattress, pillows and bedspread
- Two reading lights
- Two bedside tables with drawer
- One wardrobe with hanger bar and shelves
- Lacquered ceiling
- Upholstery on bulwark in wood essence
- Full length mirror
- Panoramic fixed window with built-in portlight
- Venetian blind
- Carpeted floor
- LED technology lighting
- Headboard light
- Direct access to head
- Sockets
- Air conditioning system control panel

Starboard guest head

It is composed of:

- Washbasin with quartzite top
- Faucets
- WC
- Shower enclosure with:
 - glass door
 - thermostatic mixer
 - recessed ceiling-mounted shower head
 - hand-held shower head
 - synthetic teak grating

- soap holders

- LED lighting
- Cupboard above washbasin with mirror doors
- Venetian blind
- Synthetic teak floor
- Head air extraction system
- Head accessories
- Openable round portlight
- Socket

Port side guest cabin

It is composed of:

- Two fixed single beds
- Mattresses, pillows, bedspreads
- Two reading lights
- One bedside table with drawer
- One wardrobe with hanger bar and shelves
- Wall units on the bulwark
- Lacquered ceilings
- Upholstery on bulwark in wood essence
- Full length mirror
- Panoramic fixed window with built-in portlight
- Venetian blind
- Carpeted floor
- LED technology lighting
- Headboard light
- Direct access to head
- Sockets
- Air conditioning system control panel

Port guest head

It is composed of:

- Washbasin with quartzite top
- Faucets
- WC
- Shower enclosure with:

TECHNICAL SPECIFICATIONS GRANDE 27M (FROM HULL 054)

- glass door
- thermostatic mixer
- recessed ceiling-mounted shower head
- hand-held shower head
- synthetic teak grating
- soap holders
- LED lighting
- Cupboard above washbasin with mirror doors
- Venetian blind
- Synthetic teak floor
- Head air extraction system
- Head accessories
- Openable round portlight
- Socket

VIP cabin

Located at the fore end of the lower deck, accessible through a small corridor, located on port side of the lobby's fore zone.

It is composed of:

- Double bed at the center of the yacht, with foldaway bed plane and locker below, headboard
- Mattress, pillows and bedspread
- Two reading lights
- Two bedside tables with drawer
- Wardrobe on port side with hanger bar and internal lighting
- Chest of drawers
- Two wall units with storage above side panoramic windows
- Lighting with recessed LED spotlights
- Two LED wall lights on headboard
- Two fixed panoramic windows
- Two openable round portlights built-in the panoramic windows
- Two wooden Venetian blinds
- Direct access to head
- Lacquered and wood ceiling
- Wooden/fabric upholstered bulwarks

- Lacquered/fabric-upholstered headlining
- Carpeted floor
- LED courtesy lights
- Air conditioning system control panel
- Sockets

VIP head

It is composed of:

- Washbasin with quartzite top and riser
- Faucets
- WC
- Shower enclosure with:
 - glass door
 - thermostatic mixer
 - built-in ceiling-mounted shower head
 - hand-held shower head
 - removable grating
 - soap holders
 - and watertight spotlight
- LED lighting
- Cupboards above washbasin with mirror doors
- Openable round portlight
- Venetian blind
- Synthetic teak floor
- Head air extraction system
- Head accessories
- Socket

Crew room

Crew area

The crew area is accessible through a side door located on port side walk around. Through this access it is also possible to reach the engine room. It is composed of:

- commander's cabin on starboard side, with single bed
- crew cabin, port side, with two bunk beds

TECHNICAL SPECIFICATIONS GRANDE 27M (FROM HULL 054)

- shared dinette.

Both cabins have:

- Carpeted floor
- Wardrobe
- Chest of drawers
- Air conditioning system control panel
- Socket
- LED lighting
- Mattress, pillows and bedspread

The area shared by the two cabins includes:

- Dinette
- Drawer-type fridge
- Washer-dryer
- Storage compartment

Crew head

The crew area is provided with double head with shared shower.

The commander can access the head directly from his cabin, while the crew can access the head through the door located in the shared area.

Each head is composed of:

- Toilet
- Wall unit with mirror
- One washbasin
- One faucet
- Head accessories
- Socket
- LED lighting
- Shared shower with:
 - grating
 - shower head with flexible pipe
 - LED lighting
 - access from the two adjacent heads, through two independent doors

Electric system

Main characteristics

- Shore-powered power supply
- DC electric panel: Installed on fore bulk-head of the engine room
- AC electric panel: Installed on fore bulk-head of the engine room
- Auxiliary electric panel: Installed in the wheelhouse
- Emergency control panel: Installed in the wheelhouse
- Battery cut-out/emergency/fire extinguishing system control panel: located in the cockpit
- Onboard voltages:
 - 230 V - 50 Hz AC
 - 24 V DC from battery set
 - 12 V DC from battery set and AC/DC voltage reducer

Galvanic current insulation

- Zinc anodes

Generator

- Two single phase generators
 - 28 kW / 230 V AC - 50 Hz for EU system
- Soundproofing box
- Remote start up

Shore power sockets

- EU two 3P 63 A sockets connected to two isolation transformers, 15 kW each
- The AC power sources terminate on the main electric panel in the engine room, provided with a voltmeter and ammeter for the 230 V power supply. The AC power sources are protected by suitably sized fuses, and introduced into the network by means of remote control switches.

Batteries

- Services: twelve 95 Ah - 12 V DC batteries
- Engines: six 95 Ah - 12 V DC batteries

TECHNICAL SPECIFICATIONS GRANDE 27M (FROM HULL 054)

- Generator: two 95 Ah - 12 V DC batteries
- Service battery charger / service backup: two Mastervolt 80 Ah - 24 V
- Engine start-up battery charger: one Mastervolt 30 Ah - 24 V
- Genset start up battery charger: one Mastervolt 10 Ah - 12 V

Lights and sockets

- 230 V AC sockets for main utility power supply, EU type
- USB sockets
- Internal lighting: 24 V LED-type, with dimmer
- External lighting: 24 V LED-type (no dimmer)

Electronic navigation instruments

BRONZE version

- Hull transducer
 - one SIMRAD through transducer DST800
- Wheelhouse
 - three SIMRAD NSS-16 Evo 2 multifunction displays
 - one SIMRAD VHF RS90
 - one SIMRAD GOFREE WIFI wireless module
- Flybridge
 - two SIMRAD NSS-16 Evo 2 multifunction displays
 - one SIMRAD VHF RS90
- Radar arch antennas:
 - one SIMRAD BROADBAND 4G 36 Nm radar aerial
- For a detailed list of alternative/additional equipment available, please refer to the Optionals price list

► N.B.

The electronics are constantly being updated, therefore the indicated configuration may be subject to changes.

Bilge system

The system is divided into two lines, with the following characteristics:

- Main bilge system composed of six automatic and independent pumps located in each watertight compartment:
 - two in the engine room (fore and aft)
 - two (one on each side) next to the diesel tank
 - one (central) forward of the gray / black water tank
 - one (central) in the fore service compartment (below owner's tray) and controlled through microswitches

Each electric pump can be controlled either manually or automatically.

- Secondary or auxiliary bilge system, composed of six suction points located as follows:
 - two in engine room
 - two on fuel tank side (one on each side)
 - two at the bow

Each suction point is connected through flexible piping to a manual valve and a main manifold located in the engine room, from where it is possible to select one or more selector switches for emptying the relevant bilge.

The secondary bilge system is connected in parallel to the fire extinguishing and chain washing system, therefore in case of engine room pump fault, it is possible to operate special three-way valves and use the fore (chain wash) pump(s).

A second electric pump (connected in parallel to the electric bilge pump) operating as a backup

TECHNICAL SPECIFICATIONS GRANDE 27M (FROM HULL 054)

can be connected through three-way valves in case of main pump fault.

The bilge system is also equipped with an emergency bilge system for the engine room, through bypass on the engine seawater intake: this system allows sucking the water from the engine room using the cooling pump of the main engines.

Fire extinguishing system

- System manual activation control in the cockpit
- System indicators/reset on internal and flybridge dashboards and also in the crew room
- One 106-liter (3.74 cu.ft) gas extinguisher in the engine room with nozzles located above the engines
- Two hoses located in the compartment under the cockpit's ladder and in the chain locker at the bow

The system operates as follows:

- Closing the valves on fuel delivery lines to engines and generators
- it is possible to use either the chain washing pump located at the bow or the auxiliary bilge pump located in the engine room (one as a replacement for the other in case of fault) as salt water hose supply pump.

Fuel system

- Two structural GRP diesel tanks, 4750 l (1254 US.liq.gal.) each, located centrally and longitudinally forward of the engine room bulkhead, total 9500 l (2508 US.liq.gal.)
- Four electronic fuel level sensors (two on each tank) monitored by means of indication on internal wheelhouse and flybridge

- Two local electronic fuel level indicators (one on each tank)
- Two engine double RACOR settling filters
- Two MAN diesel filters for engines
- Two filters for generator set
- Four tank breathers on bulwarks
- Remote engine diesel shut-off via 24 V solenoid valve
- Remote generator diesel shut-off via 12 V solenoid valve
- Two refueling plugs located on walk arounds (one plug on each side)
- Possibility of leveling diesel from one tank to the other, using an automatic pump
- Possibility of refueling both tanks from a single refueling plug, by means of a system of manual valves located in the crew room

Fresh water system

- 2000 l (528 US.liq.gal.) structural GRP tank under fore tray
- Two water filling plugs located on the fore part of walk arounds (one plug on each side)
- Water pressure pump unit located under the cabin access corridor's floor, with double power supply (230 V AC - 50/60 Hz and 24 V DC) with electronic control and expansion tank
- Two water heaters, 80 l (21.12 US.liq.gal.) each, in the fore service compartment
- Fresh water toilet flushing
- Level sensor with electronic gage in wheelhouse
- System that can be isolated by ACORN manifolds
- Provision for desalination system

TECHNICAL SPECIFICATIONS GRANDE 27M (FROM HULL 054)

The system can be supplied through the onboard water pressure pump or from shore (OPT)

Utilities supply: hot/cold water is distributed through a network supplied by the water pressure group. The hot water (heated by the water heater) is kept circulating in the system through a special dedicated pump.

All utilities are supplied with hot and cold water, except for the engine room.

Black water system

- Structural GRP tank, 850 l (224.5 US.liq.gal.) located at the center of the yacht forward of the diesel tank
- Level sensor with gage in wheelhouse
- Tank emptying through electric pump manually controlled from the internal wheelhouse
- 50 l/min (13.2 US.liq.gal./min) macerator pump
- Suction point on port walk around for emptying the tank from shore
- Tank collection of all toilet discharges
- TECMA toilet
- Two anti-odor filters
- Two tank breathers on bulwarks

Gray water system

- Structural GRP tank, 850 l (224.5 US.liq.gal.) located at the center of the yacht forward of the diesel tank
- Level sensor with automatic/manual pump control and alarm in the wheelhouse
- One 50 l/min (13.2 US.liq.gal./min) macerator pump
- Four gray water collection trays for automatic transfer from utilities to main tank
- Two tank breathers on bulwarks
- Suction point on starboard walk around for emptying the tank from shore

Seawater system

- Engine cooling system: includes one seawater intake for each engine with filter and 4" ball valve for cooling the following equipment:
 - Engines
 - Marine gears
 - Thru-hull fitting
 - Raiser
- Generator cooling system: includes one seawater intake for generator with filter and 1½" ball valve
- Air conditioning cooling system: one 1½" seawater intake with filter and ball valve
- Chain washing pump / firefighting system / secondary bilge: two seawater intakes with filter and 1½" valve for supplying chain washing pump located at the bow and secondary bilge pump located in the engine room.

Ventilation/extraction

- Forced head ventilation: with 24 V DC extractors
- Engine room:
 - two fans for forced air intake through air ducts located on deckhouse side (inner side of walk arounds) and provided with water separator.
 - four extractors located abaft the engine room, with extraction duct that conveys the air outside through an opening on hull bulwark.

Other systems

- Intruder system composed of:
 - two intruders, 1100 mm (43.3 in)
 - two servo units
 - one electronic control unit
 - two control panels (one on each wheelhouse)
- Steering system composed of:

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- two rudder tillers with casings
- two hydraulic cylinders
- two electro-hydraulic control units
- Gangway system: extendible, 3 positions, maximum capacity 150 Kg (330.7 lb), operated through 24 V DC electro-hydraulic control unit.
- Aft pivoting hatch, 230 V AC, maximum capacity 1000 Kg (2204.6 lb)

Air conditioning system

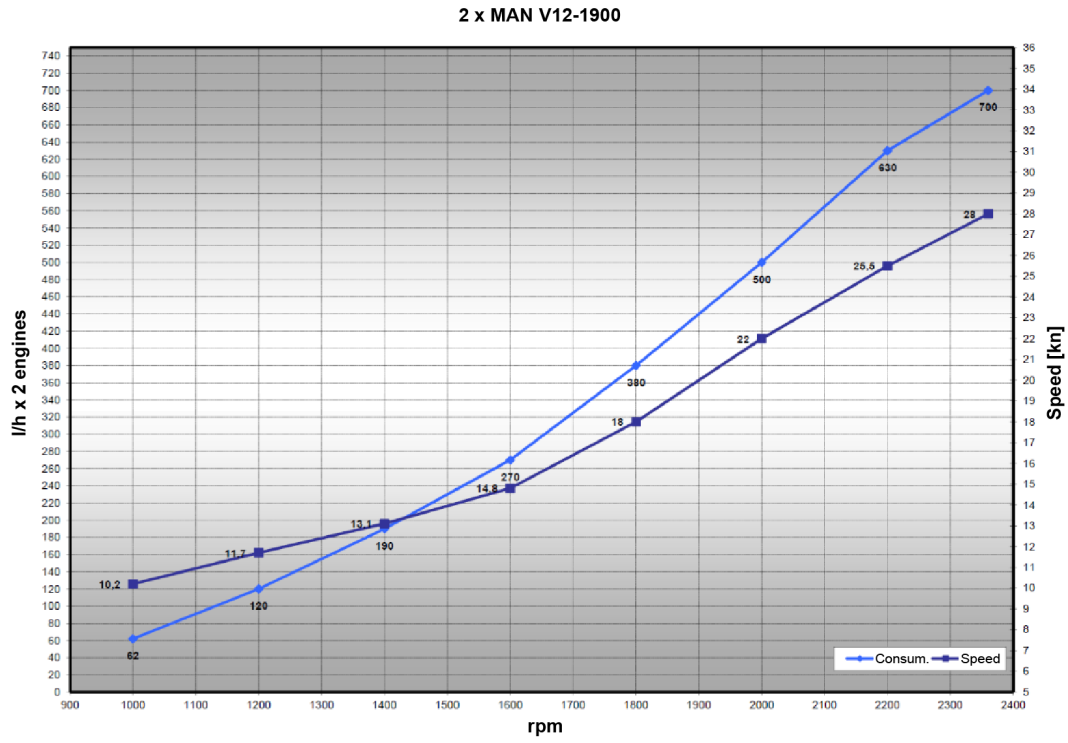
- Air conditioning type: The system is of the thermally-treated water circulation type, with fancoils located in various rooms
- Compressor unit in engine room, total 180,000 BTU with inverter technology
- One seawater pump
- Distribution:
 - Wheelhouse: three fancoils of which two AP5 (9,200 BTU) and one AP10 (16,000 BTU)
 - Owner's cabin: two fancoils AP8 (12.500 BTU)
 - Owner's head: one fancoil AP3 (6.200 BTU)
 - Galley: one fancoil AP8 (12.500 BTU)
 - Dining: two fancoils AP8 (12.500 BTU)
 - Saloon: two fancoils AP8 (12.500 BTU)
 - VIP cabin: two fancoils AP5 (9.200 BTU)
 - Port guest cabin: one fancoil AP5 (9.200 BTU)
 - Starboard guest cabin: one fancoil AP5 (9.200 BTU)
 - Commander's cabin: one fancoil AP1 (4.480 BTU)
 - Crew cabin and crew dinette: one fancoil AP3 (6.200 BTU)
- Each area has its own control panel making it independent

Equipment

- One telescopic boat hook
- Six mooring lines
- Fender lines: 24 m (78' 9")
- Two anchor chain stoppers
- Eight fenders
- eight black fender covers
- One Owner's manual
- One AZIMUT document folder
- One wooden boat model
- One AZIMUT warranty service booklet
- One set of stainless steel cutlery
- One set of porcelain plates
- One set of glasses
- Four floating keyrings
- Two bags with logo for storing the manuals
- One remote control holder with logo
- One stainless steel scheduled maintenance kit
- One pin wrench for locking stainless steel pins
- One cover for flybridge cushions, flybridge instruments, and cockpit

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Annex 2 - Performance / consumption chart



TECHNICAL SPECIFICATIONS GRANDE 27M (FROM HULL 054)

NB

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