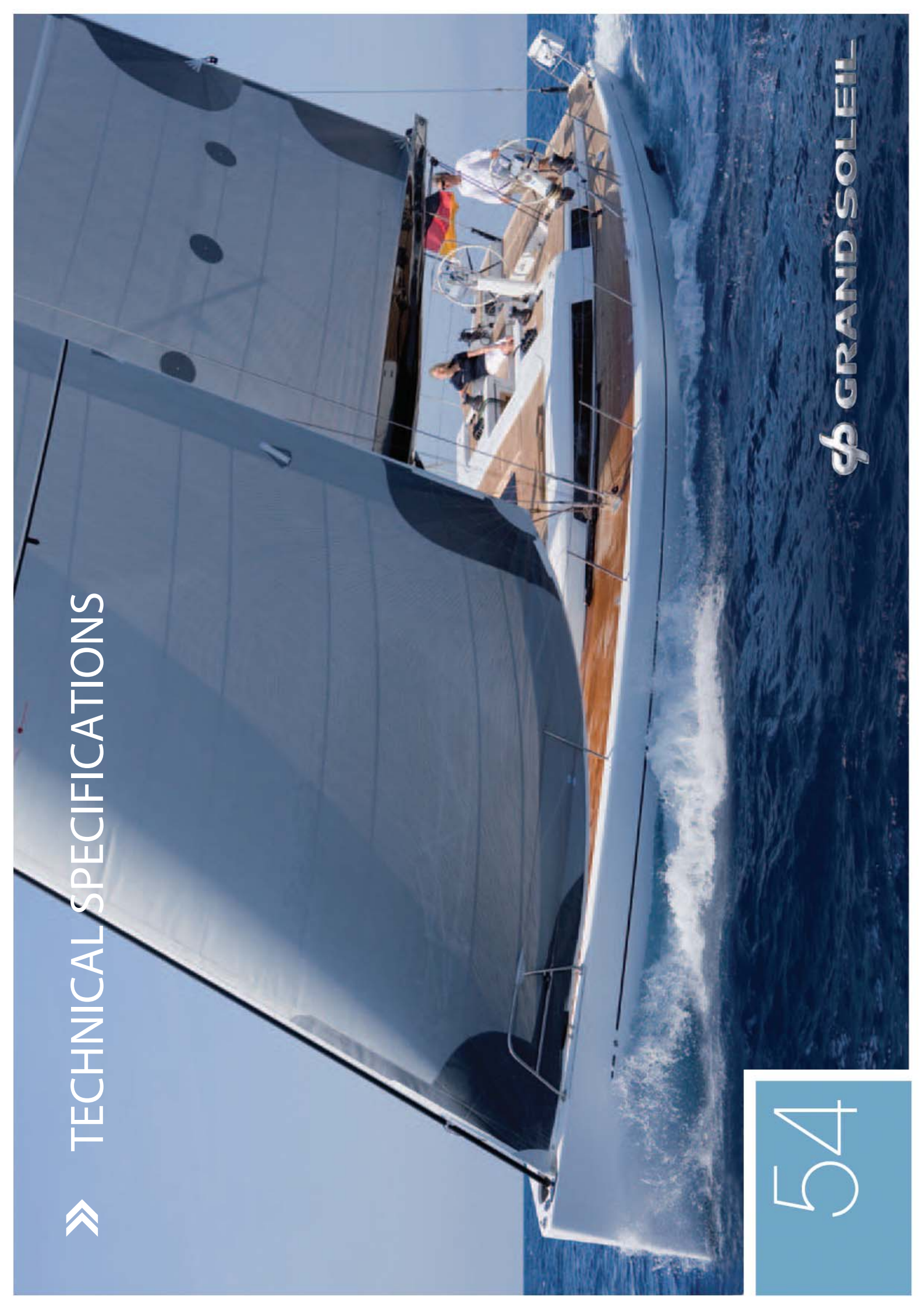


» TECHNICAL SPECIFICATIONS

54

φ GRAND SOLEIL



» SAIL AREA

J	5,650 m
P	20,790 m
E	7,300 m
Main sail	90 m ²
Handy 105%	70 m ²
Sail Area	160 m ²



» SPECIFICATIONS

Length overall	16,35 m
Waterline Length	14,85 m
Beam max	4,65 m
Draft	2,70/2,45/3,10 m
Displacement	16.000 kg
Ballast	6.500 kg
Berths	6/10
Fuel tank	400 lt approx
Water tank	600 lt approx
Engine	Yanmar 110 Hp

Designer	Luca Brenta & Co.
Exterior designer	Luca Brenta & Co.
Interior designer	Luca Brenta & Co.
Builder	Cantiere del Pardo
Certification	CE IMCI Classe A

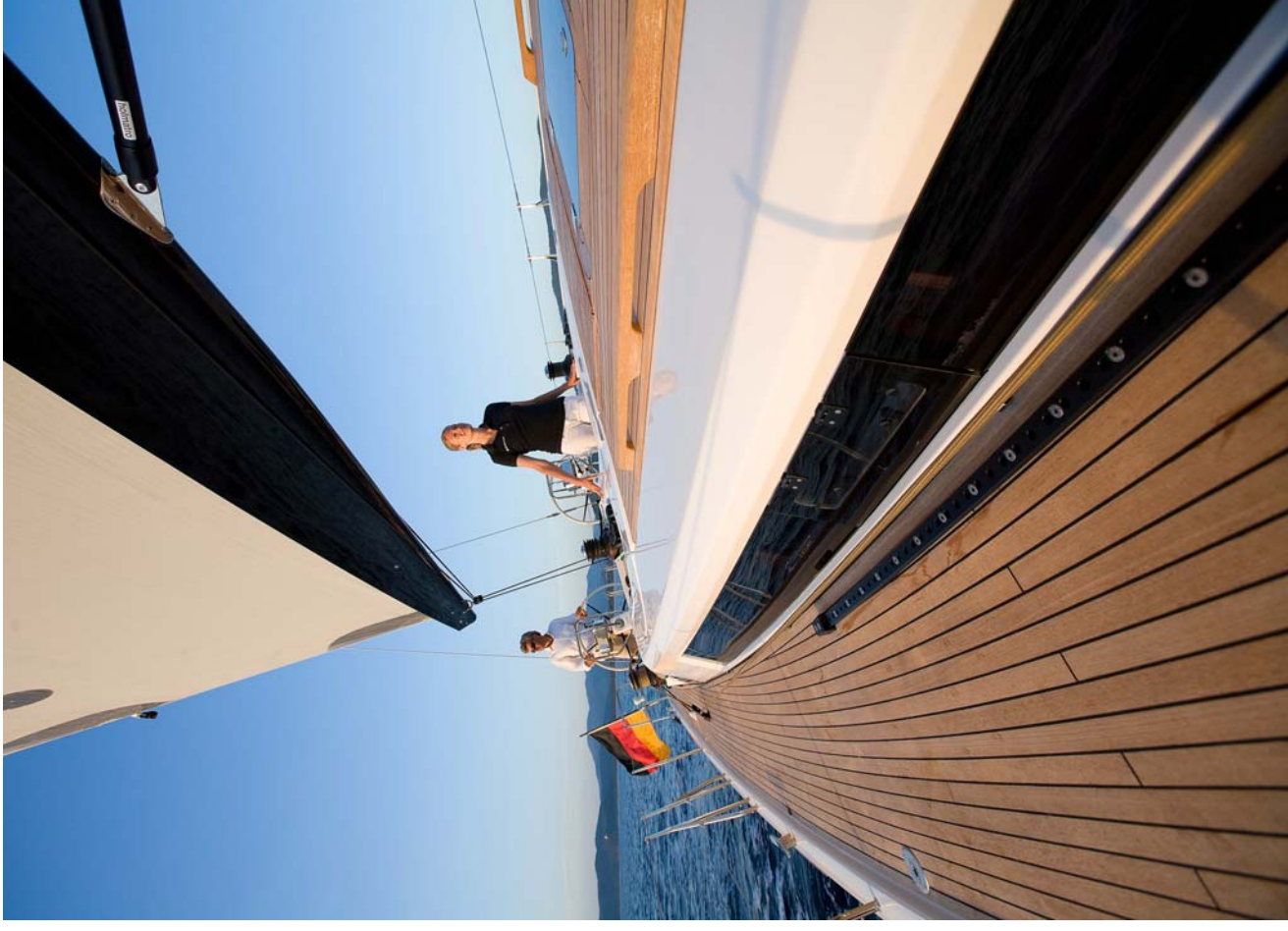
» CONSTRUCTION

1.1 HULL

- Hull and deck built in vinylester sandwich construction with glass biaxial and unidirectional fabrics
- The infusion technique is used to maximise rigidity and minimise weight.
- Core (AIREX) of different densities according to stress area is vacuum bonded.
- Further reinforcements are positioned in high stress areas.
- Use of solid laminate around keel, rudder and through hull fittings for maximum strength.

1.2 DECK

- Hull and deck are bonded together using a structural acrylic glue derived from the aircraft industry.
- The internal grid, made of galvanised metal, is bonded to the hull using a structural acrylic glue derived from the aircraft industry. The grid absorbs the load from keel, mast and shroud.
- The deck area near the mast is reinforced and the core of the sandwich is made of marine plywood.
- Transom laminate with UD and one-way reinforcements to maximise rigidity.
- Bulwark integrated with the hull laminate to guarantee greater torsional rigidity, with brass reinforcements for stanchions, pulpits and deck equipment.



1.3 KEEL

- The T-shaped keel guarantees high performance and stability.
- The keel and fin are made with a fusion of lead and antimony.
- The internal grid of the keel is made of steel and extends all along the blade until the torpedo-shaped keel to guarantee maximum strength.
- Epoxy products are applied on the surface of the bulb keel.

1.5 CHAIN PLATES

- The central chain plates are recessed and joined to the boat's shockcord tie.
- The aft chain plates are internally laminated to the hull and recessed

1.4 RUDDER

- The rudder is balanced and made of high-density expanded material.
- The rudder axis is in stainless steel 17-4 PH.
- The steering wheel, the quadrant and the pulleys are Solimar.
- The two wheels of the Solimar steering wheel are in leather-covered steel with 900 mm diameter.
- Emergency tiller

» MAST SHROUDS AND SAILS

1.6 MASTING

- Sparcraft aluminium mast, tapered at the head with triple spreader rig.
- Mast.
- Sparcraft aluminium boom.
- Rigid boom vang
- Rod rigging.
- Reckman underdeck recessed furling unit.
- Spectra halyards.
- Harken blocks, tracks and hardware
- Harken spitted backstay chain plate with mechanical adjuster.





INTERIOR

The standard interior joinery is in light Oak. The interior boasts an excellent calibre of finishing throughout. The owner can also choose teak wooden essence (optional). The flooring is in 15 mm thick wood, and reflects the essence chosen by the owner. The solid colour fabrics and materials used have been chosen with a special care.

2.1 OWNER CABIN

- Double bed with storage underneath
- Side lockers around
- Double-door cabinet with hangers and shelves.
- 2 reading spots
- 12V plugs.
- Supply and assembly of 2 Ocean Air screens and shades.
- 2 flush hull portholes to improve the fluid dynamics

2.2 OWNER HEAD

- Jabsco marine toilet.
- Wash basin (Corian type optional)
- Separate shower compartment with closable door.
- Mirror.
- Bathroom cabinet.
- Sensor-equipped electric pump to drain the shower bilge automatically or manually.
- Supply and assembly of 1 Ocean Air screen and shade



2.3 MAIN SALOON

- Wide, light and airy saloon
- "C" shaped dining area with large table.
- Large pouf seat in the middle on recessed guides below the flooring with space for inside stowage.
- Wide sofa on starboard side 2.40 mt long
- Stowage rack and numerous side lockers
- 2 flush Solimar hatches.
- Flush hull portholes glued to improve the fluid dynamics.
- Supply and assembly of 2 Ocean Air screens and shades for hatches.

2.4 NAVIGATION STATION

- Large bulwark lifting top chart table with storage space for nautical charts and cabinet.
- Built-in solid wood hand rail.
- Large electronic instruments panel.
- 12V and 220V socket.
- Chart LED light.
- Seat on recessed guides below the flooring with compartment for inside stowage.
- Main electric control panel for 220V and 12V sections.





2.5 GALLEY

- Double stainless steel sink and draining board (Corian type optional).
- Under-pressure hot and cold fresh water.
- Built-in solid wood hand rail.
- Hinged door with rubbish bin.
- 3 burners gas stove with oven.
- Top access fridge compartment with baskets.
- Compartment for freezer (optional).
- Drawers for food storage.
- Numerous lockers above the working plan.
- 220 V electric socket

2.7 PORT AND STARBOARD AFT CABINS

- Double bed with storage underneath.
- Single-door cabinet with hangers, shelves, shoe compartment and seat.
- Shelf at bedside.
- Flush hull porthole glued to improve the fluid dynamics.
- Ventilation and light is provided by 2 large opening port holes.
- 2 wide accesses to the engine and technical compartment for inspection.
- 12V plug.
- 2 reading spots
- Ceiling lights.

2.6 STARBOARD AFT HEAD

- Jabsco marine toilet.
- Wash basin (Corian type optional)
- Shower seat made of marine plywood.
- Mirror.
- Bathroom cabinet.
- Sensor-equipped electric pump to drain the shower bilge automatically or manually.

» DECK EQUIPMENT



3.1 MOORING CLEATS

- 4 mooring cleats with stainless steel protection on hull side

3.2 HATCHES AND PORTHOLE

- 2 flush Solimar hatches in bow cabin.
- 1 flush Solimar hatch in bow cabin.
- 1 flush Solimar hatch in sailor cabin
- 2 flush Solimar hatch above saloon.
- 4 Lewmar portholes for aft cabins.
- 3 Solimar flush portholes mounted on the side hull windows.
- 8 fixed hull windows mounted flush to reduce friction.

3.3 LOCKERS

- Self draining anchor locker.
- 2 lockers under the cockpit seats
- Lockers in aft zone for storage of sails, life rafts and 2 gas bottles.
- Sail lockers with housing for halyards, sheets and mooring ropes.



3.4 WINCHES

- 2 x 46.2 STC winches for main, genoa halyards, reefing lines and clew out hole
- 2 x 50.2 STC Radial Harken winches for sheet (standard German system).
- 2 x 60.2 STC Radial Harken winches for genoa sheets.
- 2 Harken handles with retainer.

3.5 ANCHOR WINDLASS AND STEMHEAD

- Quick 1400 W Anchor windlass winch.
- Electrowelded stainless steel anchor stemhead.
- Steel rope for anchor with Teflon bushes.

3.6 PULPITS AND STANCHIONS

- 25mm diameter stainless steel stanchions for 2mm chart.
- 5 mm stainless steel cable guardrails with turnbuckles
- Open bow pulpit with built-in navigation LED support.
- Split stern pulpit with built-in navigation LED support

3.7 DECK FINISHES

- Seats, cockpit floor and sun deck clad in 8 mm vacuum-bonded teak.
- Aft platform clad in 8 mm vacuum-bonded teak.
- Gangways and coachroof clad white non-skid.
- Supply and assembly of 2 teak coachroof handrails.
- Recessed spray hood garage with closing casing.
- Spinlock clutches for all standard halyards and reefing lines.
- All halyards and reefing lines are leaded back to the cockpit under the deck.
- Self draining cockpit.
- Hot and cold shower on aft deck.
- Engine control lever on starboard side.
- Accommodation for electronics on aft side of each cockpit seat.

» MOTORISATION

4.1 ENGINE

- Yanmar 4JH4-THE 110 HP with propeller shaft
- Separate bilge for engine.
- Alternator for batteries.

4.2 EQUIPMENT ROOM

- Engine room insulation made of flameproof material chosen for both heat insulation and sound deadening
- Engine room with storage for generator.

4.3 FUEL TANK

- The tanks are in stainless steel.
- Approx 360 lt fuel tank.
- Electronic level indicator to inspect floater from cockpit.
- Copper engine feed pipe.
- Racor easy-to-access fuel filter.





ELECTRICAL EQUIPMENT

- The main electrical system of the board is 12 V.

5.1 BATTERIES

- 3x90 Ah / 12V AGM batteries for service.
- 1x90 Ah / 12V AGM battery for engine starter.
- SBC 1100 80AH battery charger

5.3 LIGHTING

- Halogen and incandescent lamps ensure adequate lighting for all the interior.
- Navigation, anchor, running, deck, compass and instruments lights.
- Starboard and port LED lights (green and red).
- White LED stern light.

5.2 ELECTRIC CONTROL PANEL

- Electric control panel with cut-out switches, voltmeter, ampere meter showing service consumption, battery charging rate ampere meter
- 220V section with shore power and automatic battery charger.
- All wiring and cables are passing in special internal channel tubes and relative deviation boxes for ease of exchange of wiring.
- 12V sockets in the galley, chart table, owner, vip and guest cabins.
- 220 socket in navigation station and galley.





» PLUMBING SYSTEM



6.1 FRESH WATER TANKS

- 6 rigid polyethylene water tanks with an approx capacity of 600 lt. complete with inspection covers and anti-surge baffles.
- Electronic level indicator.
- The water tanks are placed beneath the flooring in the middle of the ship

6.3 BOILER

- 40 lt boiler with shore 220V electric resistance.
- Operating through heat exchanger system with the engine (cooling circuit).

6.2 PUMPS

- 3 automatic electric pumps for aft and head showers.
- Automatic electric pump for emptying the bow sail locker.
- Automatic electric pump for tender garage.
- Automatic electric pump for main bilge.
- Hand operated cockpit bilge pump.
- Autoclave pump for hot and cold fresh water.

6.4 PIPING AND SEACOCKS

- The seacocks are mounted flush on the hull to minimise friction.
 - Seacocks are easily accessible and have a bronze quick closing ball valve.
 - Piping of hot and cold drinking in odourless PVC.
 - All piping for drains and bilge pumps have special reinforced rubber.
-

NOTE

This document does not constitute a contractual offer, but has a purely informative and promotional scope. Cantiere del Pardo reserves the right, at its sole discretion, to modify, improve, substitute, change, alter, remove the specification hereof as well as to cease the distribution, market or production of certain equipment, without prior notice being due. As a consequence thereof, no indemnity, claim exception or argument could be raised to Cantiere del Pardo. 01/09/2010



CANTIERE DEL PARDO Holdings Srl

Via Fratelli Lumière, 34

47100 Forlì (FC) - Italy

Tel.: +39 0543 782.404

Fax: +39 0543 782.405

e-mail: info@grandsoleil.net

www.grandsoleil.net

