



ITALIA 10.98 - TECHNICAL SPECIFICATIONS

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DIMENSIONS AND TECHNICAL DETAILS

Naval architecture: Italia Yacht design team / Cossutti Yacht Design

Interior design: Emanuele Pillon / Italia Yachts

Exterior design: Emanuele Pillon / Italia Yachts

Engineering & structural design: Cossutti Yacht Design

Builder: Italia Yachts - Venezia

Property and management: Italia Yachts - Venezia

Length overall: 11.29 m (37.0 ft)

Hull length: 10.98 m (36.0 ft)

Waterline length: 9.65 m (31.7 ft)

Max beam: 3.65 m (12.0 ft)

Draft: 1.90 m (6.2 ft)

Displacement: 4,800 Kg ca (10,600 lbs approx.)

Ballast: 1,500 kg ca.

Engine: Diesel 20 Hp (opt. 30 Hp)

Transmission: Sail Drive

Engine Battery: n° 1 x AGM 55 Ah

House Services battery: n° 1 x AGM 130 Ah (opt. second battery 130Ah)

Fuel: 110 litres (29,06 U.S. gal)

Water: 200 litres (52,83 U.S. gal)

CE Certification: Built according to the European Certification of compliance CE for pleasure craft "A" category

Sail area mainsail + jib: 72 sqm (775 sq ft)

Sail area mainsail + gennaker: 135 sqm (1,453 sq ft)

DOCUMENTATION

- CE certificate
- Certificate of Compliance
- Certificate of power of engine
- Owner's manual containing a description of the boat and of systems installed on board

CONSTRUCTION

Hull and deck are built in foam sandwich with differentiated density PVC core; the unidirectional and biaxial E-glass fibres are laminated with vinylester resin. Plates are included in the structure to increase resistance where the deck hardware is mounted. The mast collar is structural. There is a structural carbon reinforced frame glued and laminated to the hull. The structural bulkheads of the Italia 10.98 are made of marine plywood 15 mm to 20 mm thick and are glued and gusseted to the hull and deck. The deck is glued and laminated to the hull. A structural carbon box transfers the shrouds load to the hull and deck. Hull and deck are finished in gelcoat; walkable areas are prepared with antiskid from the female mould. Cockpit benches and cockpit floor are covered with teak. The toe rail is also in teak .

KEEL

The keel is "T" shaped with steel structure and the torpedo is lead with 3% antimony. The steel structure is enclosed in a fiberglass fairing in order to optimize the wing sections.

RUDDER

The rudder blade is laminated in fiberglass with PVC core on female moulds. The aluminium alloy (anticorodal 6082) rudder stock is biconical. The stock bearings are self-aligning. The stainless steel 140 cm wheel is covered in leather. A magnetic compass is housed close to the steering pedestal.

COCKPIT AND LOCKERS

The cockpit is open aft but it can be closed by a removable teak covered transom/swim platform. Two side lockers are placed under the benches (one of these of large dimensions). Two lockers aft and one on the cockpit floor to accommodate the liferaft. Detachable footstops are provided for the helmsman.

DECK GEAR

The access to inside is through a sliding hatch and a vertical closure in plexiglass. The pushpits are made of tubular stainless steel with a diameter of 25 mm including attachments of lifelines and brackets for navigation lights. Four stanchions are positioned to the sides.

Portlights and hatches

The following portlights and hatches are provided with the boat:
- n° 2 opening hatches flush deck 500 x 500 mm:

one in front cabin and one in saloon mounted including Oceanair flyscreens.

- n° 6 opening portlights: three each side of coachroof
- n° 1 opening portlight on the internal side of cockpit for aft cabin.
- n° 4 stainless steel mooring cleats are provided.

ANCHOR

The stainless steel anchor arm can support Delta or similar anchors and it is removable.
A 700W windlass is mounted in the chain locker.

WINCHES

All are 2 speeds and self tailing:

- n° 2 primary winches
- n° 2 mainsheet winches
- n° 2 halyards winches
- N° 3 handles are provided

RUNNING RIGGING

Mainsheet system

"German" sheet below deck. The sheet is operated by dedicated winches including ball bearing blocks Ronstan or similar with fixed point on the cockpit.

Jib system

A 3D trim system is installed with up-down and in-out purchases that allow infinite variety of trimming possibilities. Also available, optionally, is the classic system with tracks 1.00 m long and ball bearing traveler with possibility to install a barber hauler system.

Backstay system

Dyneema® backstay with purchase system 24:1

Mast collar

Provided:

- n° 6 blocks
- n° 2 deck organizers
- n° 8 stoppers

Padeyes

The following standard padeyes are provided, foldable and fixed:

- n° 2 vang padeye
- n° 1 padeye for gennaker tack
- n° 2 padeyes for lifeline in cockpit

Halyards and sheets

All sheets and halyards are manufactured in Dyneema®.

- Jib, mainsheet and gennaker halyards DSK 78
- Mainsheet and Jib sheets DSK 78

- Purchases: mainsail and jib travellers, vang and backstay DSK 78
- Two reefs DSK 78

MAST, BOOM, STANDING RIGGING

Mast and boom

Fractional double spreaders silver anodized aluminium mast including anchor light. Silver anodized boom with double line reefing and internal boom outhaul, telescopic vang.

As an option it is possible to install a boom light.

Standing rigging

Discontinuous spiroidal rigging with turnbuckles. Under deck jib furler. V1 chainplate is positioned on sheerline and D1 chainplate is placed on coach roof side for an easy forward-aft walkway.

ENGINE

Engine

A 30 hp diesel engine is installed with sail-drive transmission and a two-blade folding propeller. There is an instrument panel which displays hour count and water temperature alarm and oil pressure alarm.

Engine compartment

The engine compartment is accessible frontally from the saloon and laterally from the head and aft cabin. The whole compartment is clad by an insulating material to avoid noise and vibrations propagation.

TECHNICAL INSTALLATION

Fuel system

The stainless steel fuel tank has a capacity of 110 L including vent overflow, inlet on deck, emergency stop valve and indicator on main panel display.

12V Electric System

The 12V electric system supplies all electrical power to utilities. All cables are suitable for nautical use according to CE regulations and are positioned in order to avoid contact with water. The electrical panel, housed near the chart table, contains all switches as for example: navigation light, electronic instruments, interior lighting, radio, VHF, etc. A 12V socket is provided at the chart table.

230V system

The 230V system includes:

- n° 1 230V socket positioned in the cockpit for shore cable connection

- n° 1 230V panel with safety circuit breaker
- n° 1 battery charger 20Ah with switch on the panel
- n° 1 230V socket near the chart table
- A 230V shore power cable is provided

Interior lighting

- n° 15 spot lights
- n° 6 reading lights

Navigation lights

LED navigation lighting

Fresh water system

A hot-cold fresh water system under pressure including three mixers: galley sink, bath sink and shower is installed. The 200 L tank inlet is on deck. The water is circulated by an autoclave pump. The hot water comes from a 16 L water heater with power supplied from 230V system or engine heat exchanger.

Bilge system

The bilge system is made up of a self priming electric pump and a manual bilge pump which can be operated from the cockpit.

Gas system

A gas system is installed for the galley which includes a compartment in the cockpit to contain a 3 kg bottle. A copper tube runs from the tank compartment and arrives to the galley, the last section of copper pipe is replaced by a rubber pipe. There are 2 safety valves, one close to the external compartment and one near the stove.

INTERIORS

All interiors and bulkheads are veneered in wood with satin varnish.

Galley

The "L" galley including cupboards and drawers, has a two burner tilting stove/oven, a refrigerator with compressor and two stainless steel sinks.

Saloon

The saloon consists of two long sofas (196 cm) and a foldable table (115 x 126 cm) with bottle compartment. Large storage space and cabinets at sides are provided. Two additional beds can be obtained by removing the backrests to sofas.

Chart table

There is a wide chart table with seat, drawers and storage for navigation equipment.

Cushions

The boat is provided with removable mattresses for bunks and seats in polyurethane foam covered in washable cotton in different colours.

Front cabin

Double bed (205 x 175 x 65 cm), two wardrobes with shelves and hangers (63 x 50 cm). The compartment under the bed can be used for storage.

Aft cabins

Double bed (200 x 142 x 115 cm), wardrobe and hanging locker.

Head compartment

The head compartment is provided with a marine toilet, holding tank, mirrors, cabinets and a teak grating.

Right to modifications without prior notice.