



ITALIA 11.98

Technical specifications - Preliminary - February 2018

DIMENSIONS AND TECHNICAL DETAILS

Model: Italia 11.98

Naval architecture: Italia Yachts Design Team - Matteo Polli

Interior design: KMD / Italia Yachts Design Team

Exterior design: KMD / Italia Yachts Design Team – Matteo Polli

Engineering & structural design: Olivari Engineering / Italia Yachts Design Team

Shipyard: Italia Yachts Venezia

Property and management: Italia Yachts Venezia

Length overall: 11.98 m (39.304 ft)

Hull length: 11.65 m (38.2 ft)

Max beam: 3.98 m (13.0 ft)

Draft: 2.10 m (6.9 ft)

Displacement: 6,200 kg (13,668 lbs)

Engine: Diesel 30 Hp

Transmission: Sail Drive

Engine Battery: n°1 x AGM 70 Ah

House Services battery: n°2 x AGM 70 Ah

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 area: 50 sqm (538.2 sq ft)

Jib area: 43 sqm (462.8 sq ft)

Spinnaker area: 110 sqm (1,184 sq ft)

DOCUMENTATION

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

PROJECT

The design of this modern racer / cruiser has been developed with the aim to combine exciting sailing performance with the possibility of being used for short cruises.

The hull lines, fin and rudder are the result of numerous experiences in the field of optimization of racing boats.

The design of the deck is the result of research in terms of ergonomics for various uses, design and aerodynamics.

The project of Italia 11.98 was carried out in compliance with CE (cat. A / unlimited sailing) for pleasure boats and complies with World Sailing special regulations.

KEEL

The keel has a reverse "T" configuration with the blade and torpedo cast in lead with 3% antimony. The geometry has been designed using modern flow simulation software which allowed to obtain a very efficient wing despite a shallow draft.

RUDDER

The rudder blade is laminated with biaxial / unidirectional reinforcements and PVC core on female moulds.

The rudder stock is made of anodized 6082 aluminum, CNC milled biconical with support blades.

The stock bearings are self-aligning. Steering is by way of a fiberglass tiller as a standard. As an alternative to the fiberglass tiller, it is possible to install a twin wheel steering system (wheels diameter 900 mm).

COCKPIT

There is a large open cockpit with two benches, as an option it is possible to install two additional removable benches with storage in order to transform the ergonomic racing cockpit into a perfect cruising one.

There are three lockers, one especially dedicated to the liferaft and two for storage, sails and equipment. Is also available an optional fully removable cockpit table with two folding planes.

HATCHES AND PORTLIGHTS

Following hatches and portholes are installed on the deck:

- n° 1 large hatch in the front part of the saloon
- n° 1 large hatch in front cabin
- n° 1 portlight in each aft cabin
- n° 1 portlight in each of the two heads
- n° 2 optional portlights above galley and chart table

The correct positioning and sizing ensure excellent ventilation without creating any obstacle on the deck.

On the sides of the coachroof, two large plexiglass windows are integrated in order to obtain great interior brightness combined with a modern and sleek design of the deck.

DECK EQUIPMENT

The deck is equipped with the following:

- n° 2 primary winches self tailing 2 speed
- n° 2 halyard winches self tailing 2 speed
- n° 2 mainsail winches self tailing 2 speed
- Mainsail ball bearing traveler
- Transverse jib tracks with up-down system
- Backstay 48: 1
- n° 6 stoppers
- Dyneema® ropes
- Stainless steel pulpits/pushpits and stanchions
- Blocks and other hardware
- Compass
- Integrated toerail
- n°4 mooring cleats

MAST AND RIGGING

The boat is provided with:

- Two spreaders (21 deg.) aluminium mast and boom
- 9/10 fractional rig
- Discontinuous wire rigging (1 x 19 s/s) with turnbuckles
- Tuff luff forestay
- Dyneema® backstay with lifting batten
- Dyneema® halyards: jib, mainsail and spinnaker

INTERIOR

The interior layout of the Italia 11.98 consists of three cabins, two headrooms, one with toilet and one for showers, and a big saloon including the galley and the navigation area. The modern design characterized by gelcoat surfaces is selected so that it can be functional in both racing and cruising situations. Some parts, such as closets and cabinets are made of fabric. The floor is made of marine plywood finished in anti-slip plastic laminate.

Front Cabin

The front cabin is composed of a bed of 1.95 m in length and two shelves. A big storage space is available both under the bed and in two spacious lateral closets.

Saloon

The large saloon offers two comfortable benches that can be transformed into 2 single beds (1.95m). The table has 2 folding planes and can accommodate up to 6 people and its structure offers a useful handrail. When the table is in the folded position, the passage to the fwd cabin is wide open and allows sail stacking in racing mode. The long shelves installed above the seats complete the design and offer more storage space.

Galley

The "L" galley consists of a sink with folding mixer tap, a generous 150 liter fridge, a gimballed stove with two burners, drawers and other storage compartments.

Chart Table

The chart table is placed in the saloon including a dedicated LED light and a storage compartment. The electrical control panel and any electronic device are placed laterally to the navigator.

Headrooms

The starboard headroom includes a manual toilet with holding tank, a sink with mixer tap and plenty of storage space. In the port headroom there is a comfortable shower and a locker for sailing coats and jackets.

Aft cabins

The Italia 11.98 has two spacious aft cabins with a double bed of 1.98 m in length and a big removable locker.

ENGINE

The yacht is equipped with an inboard diesel engine 30hp with sail-drive, placed in a compartment easily accessible and sound insulated. The propeller has two folding blades. The large diesel tank (110 liters) allows considerable autonomy.

SYSTEMS

Electrical and lighting

The control panel is located above the chart table. Three batteries are provided: two 70Ah services battery and a 70Ah engine battery positioned below the saloon bench. Modern LED spotlights provide a warm atmosphere.

Fresh Water System

The Italia 11.98 has a well-organized water system that includes 2 tanks for a 200 liters total capacity with level indicator on the panel, two sinks and shower. All seacocks are flush mounted.

Right to modify without prior notice.

Italia Yachts Venezia

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