

# ***R-30 daysailer***

*...pleasure and performance for all*





L' **R-30 daysailer** è destinata a persone normodotate o su wheelchair, senza distinzione. Possiede linee filanti e un sistema di conduzione sensibile come su una barca da regata, offrendo una posizione di comando confortevole e rilassante. L'estetica generale è contraddistinta dalla grande ruota di governo senza raggi e da una piattaforma mobile che consente l'inclinazione delle wheelchair durante gli sbandamenti della barca.

Obiettivo di questo progetto è stato quello di concepire fin da subito una barca senza barriere e non di adattarla a posteriori per le persone su wheelchair. La timoneria a ruota, consente di essere utilizzato in qualsiasi posizione tanto da

**R-30 daysailer** is designed for able-bodied people as well as people on wheelchair, without distinction.

It has sleek lines and a conduction system responsive as on a racing boat, offering a comfortable and relaxing commanding position.

The overall aesthetics is characterized by the great steering wheel without rays and a mobile platform that enables the inclination of wheelchair when the boat is inclined.

The aim of this project was to conceive right away a boat without barriers and not to adapt it afterwards for people on wheelchair.



portatori di handicap quanto da normodotati, senza imporre una posizione obbligata e garantendo una classica sensibilità sulla ruota di governo.

Il particolare problema di assecondare con il corpo il movimento della barca, in particolare per quanto riguarda il rollio, fornendo la necessaria l'inclinazione della wheelchair in relazione all'andatura, è risolto con una piattaforma basculante. Questa è comandata da un pistone elettrico. In navigazione la piattaforma si blocca sulla media dell'inclinazione in maniera tale da assorbire con il corpo le differenze d'angolo e quindi avere il pieno controllo sull'imbarcazione.

The steering wheel, allows handicapped as well as able-bodied to command in any position, ensuring a classical sensibility on the steering wheel.

The particular problem with the body to accommodate the movement of the boat in roll, is solved with a platform rocker to give the necessary inclination to the wheelchair controlled by a electric piston. In navigation, the platform stays on the average inclination, and the body absorbs the extra inclination so that you still feel the movement of the boat.



Able-bodies steering



Wheelchair steering



Children steering



Magicwheel ©



Maneuvers



Self-tacking jib



Sitting steering



Standing steering



Able-bodies + wheelchair regatta



## Dati tecnici / Technical features



### SPECIFICATIONS

Loa = 9.50 m (31.2 ft)  
B max = 2.50 m (8.2 ft)  
Draft = 2.20 – 1.70 m (7.2 ft – 5.7 ft)  
Disp = 2200 kg (4400 lb)  
Ballast = 700 kg - 800 kg (1543 lb - 1763 lb)  
Main = 31 m<sup>2</sup> (101.7 ft<sup>2</sup>)  
Selftacking furling jib = 21 m<sup>2</sup> (68.8 ft<sup>2</sup>)  
Racing Code 0 = 48 m<sup>2</sup> (157.5 ft<sup>2</sup>)  
Asymmetrical Spinnaker = 78 m<sup>2</sup> (255.1 ft<sup>2</sup>)  
Engine = Yanmar 2YM15 SD  
Build = Wood cold molded  
Design = Alessandro Comuzzi Architetto  
Shipyard = De Cesari

### CONSTRUCTION

Hull: Built in wood cold molded mogany and red cedar + epoxy resin  
Deck: Built in plywood okumè and EVO teak + epoxy resin  
Internal structure: Built in plywood mogany and okumè  
Keel: Blade in steel  
Bulb: Lead bulb

### SPARS & RIGGING

Aluminum mast (carbon optional)  
Two sets swept aft spreaders 27 deg.  
Aluminum boom: Internal Mainsheet - Outhaul, Lock offs for reef lines, provision for lazy jack system  
Standing rigging; discontinuous rod with BSI- 1 Dyneema® mainsail halyard - 1 Dyneema® jib halyard and 1 Dyneema® gennaker halyard

### MECHANICAL

Diesel engine: Inboard engine - Yanmar 2YM15 SD  
Fuel tank 50 lt  
Commanders/lever etc.  
Engine control panel in way of steering position with single lever throttle Spinlock®  
Propeller: Radice Two blades

### STEERING

Aluminium AlMgSi1 Rudder stock on a composite blade by Jefa  
Upper and lower self-aligning spherical bearings by Jefa  
Steering system with Magic Wheel®

### ELECTRICAL

External 12 volt DC  
Circuit Breakers  
Two Batteries: engine and service

### DECK HARDWARE

Complete Harken gear winches 35.2 STA, winch handles, mainsail system, jib selftacking track, general deck gear  
Manual jib furling  
Folding cleats (4)  
Foredeck hatch - flush deck  
Cockpit hatch - flush deck

### FINISH

Exterior finish: Topsides & verticals in gel-coat as per Reichold colour card  
Bottom & Foils ready to sand & paint  
EVO Teak deck and cockpit

### OPTIONS

Draft 1.70 m or lifting keel  
Battcar Harken  
Inside pilot  
B&G Triton  
Cradle  
Kit Gennaker  
Wc manual  
Sink with 50 lt tank  
Standard sails (mainsail and jib)  
Electric engine: Inboard  
Rocker platform

### DESIGN AWARDS



## DESIGN and INFO

### Alessandro Comuzzi

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