

## Figaro II

### General Equipment List

#### Specifications

L.O.A.	10.15 m (33')
Hull length	10.11 m
LWL	9.80 m (32')
Beam overall	3.43 m (11'3")
B.W.L.	2.50 m (8'2")
Draught	2.15 m (7')
Keel Weight	1110 kg (2,447 lbs)
Mast length	14.20 m (46'6")
I	13.03 m (42'9")
J	3.79 m (12'5")
P	13.00 m (42'7")
E	4.70 m (15'5")
Mainsail	35.6 m <sup>2</sup> (383.19 yds <sup>2</sup> )
Genoa	28 m <sup>2</sup> (301.38 yds <sup>2</sup> )
Clearance	15.68 m (51'5")
Engine	Volvo 14 KW (19 HP)
Ballast	260 L (57 gals.)
Full load displacement (CE)	3600 kg (7,936 lbs)

#### CONSTRUCTION

##### HULL

Balsa cored sandwich, multiaxial E-glass, vinylester resin made by infusion techniques  
Viewing porthole for the keel and the propeller  
Cone-shaped keel casing

##### STRUCTURE

Polyester structure of the open inner lining type, structural bonding and repetition of the stratification in areas under strain.  
Infusion made structural bulkheads in balsa cored sandwich, structural bonding of the hull and repetition of stratification  
Watertight bulkhead to the aft with Lewmar 44 x 44 hatch to gain access from inside.

##### DECK

Balsa cored sandwich deck, multiaxial E-glass, vinylester resin made by infusion moulding  
CP reinforcements for fittings  
Screwed down toerail between the deck and hull  
1 44 x 44 Lewmar hatch to the bow  
2 lateral portholes bonded to the coachroof sides  
1 T0 hinged ventilation panel in the cabin  
2 T0 hinged portholes on the vertical side of the cockpit  
1 Dorade style ventilator in the cabin

1 drainage hole for passing the hoisting sling through  
2 stainless steel hand rails

## **INTERIOR FITTINGS**

### **GALLEY**

Polyester storage unit with 1 burner gimbaled stove to starboard  
Polyester storage unit with plastic basin

### **NAVIGATION STATION**

Fixed chart table unit with seat and instrument holder

### **SALON**

2 watch seats on either side of the hatchway  
2 aluminium framed berths with canvas on either side underneath the cockpit  
Stainless steel companionway ladder with wooden steps

## **ENGINE / ELECTRICITY**

Volvo 2030 engine  
Power pack including tank, batteries, engine control panel,  
Rotomoulded 40 L diesel tank  
140 amph alternator  
Load dispatcher  
Propellor shaft/bracket propulsion  
Retractable clutch lever in the cockpit  
Anti-fouling on the shaft  
Folding propellor  
1 70 amph starter battery  
2 140 amph engine compartment batteries  
Electrical panel with 7 functions on instrument panel  
Electrical panel with 7 functions in the companionway  
Manual bilge pump  
Electrical bilge pump

## **BALLAST**

1 260 L ballast in stratified polyester on portside and starboard plating with inspection hatches  
Diaphragm 45 L/minute electric filling pump, which can be handled from the cockpit.  
Gravitational transfer through Ø 125 mm pipe  
Transfer sluice in the bottom of the cockpit near the helm  
Filling and draining bailer

## **EXTERIOR FITTINGS**

2 T44 Lewmar primary winches  
Transverse genoa car with vertically adjustable ball-bearing sheave  
Clews inside for tweaker tuning

2 genoa flying blocks  
Mainsail ball-bearing traveller track on aluminium base  
Mainsail tackle with fine tune tackle leading back to the helmsman  
Traveller tuning leading back to the helmsman  
Cascade kicking strap tackle  
Mainsail Cunningham blocks  
Cascade running blocks and tackles or split backstays leading to the helmsman  
4 spinnaker blocks  
Spinnaker tweaker blocks  
Kicking strap spinnaker pole blocks  
Helmsman adjustable toe-clip bracket  
Stainless steel extendable tiller  
2 manoeuvring winches on T40 Lewmar coachroof  
8 halyard and manoeuvring blocks and jammers on protective companionway bulwark  
6 sheaves organizer astern of jammers  
2 mini towers for cascade tuning of the vang  
2 cleats on coachroof for tuning the spinnaker pole downhaul  
1 mainsail Cunningham cleat  
1 mainsail foot cleat  
1 pulpit with emergency lights  
2 stern pulpits  
8 stanchions with struts  
Deck eyes to tie safety harness to in the cockpit  
1 bulkhead compass  
2 simple winch crank handles

## **RIGGING**

### **MAST**

Carbon mast in two sections painted white with bolt rope fixed to deck  
Spreaders at an angle of 20° to the stern  
Red, white and blue lights on masthead  
Flexible batten on masthead for forestay downwash  
Exterior shroud chain plates  
Lower shroud sunken chain plates for the jib to pass through

### **BOOM**

Anodized aluminium boom with rear mainsheet system.  
Foot tuning by boom tackle  
Sheet and vang blocks on straps  
Rigid boom kicker vang

### **SPINNAKER POLE**

Ø 75mm carbon spinnaker pole  
Automatic end pieces  
Pennants

#### STANDING RIGGING

Discontinuous rigging rod

Dyneema backstay

**Full Nord Foil foresat**

#### RUNNING RIGGING

**Complete mainsail tackle**

**Complete kicking strap**

**Complete jib and sheet tuning system**

**Spinnaker sheets**

**Spinnaker tweaker**

**Spinnaker pole downhaul**

**Mainsail halyards, 2 genoas/spinnakers, spinnaker pole uphaul**

**Complete backstay system with safety device**

#### STEERING SYSTEM

Twin rudder with sandwich oar blade on stainless steel core

2 automatically aligning engine bearings with needle bearing

Main piece with aluminium crossbeam on automatically aligning engine bearings with needle bearings.

Pilot guy on main piece

Aluminium tiller stops

Stainless steel extendable tiller

#### LEST

Composite cast iron lead with calibration flyweights

Epoxy resin protection injected from the exterior into a mould

Assembly by bell-shaped joining in a moulding casing