

Rudder

Epoxy-coated wood rudder with stainless steel inner grid welded to the stock
Solid stainless steel stock diam. : 60mm (2.36")
Rudder horn is a stainless steel tube with bushings, laminated to the hull, rudder bearing with bushings on skeg

Sails

1 fully-battened main with 3 reefs
1 furling genoa with furler system
Sail bags and battens

Miscellaneous

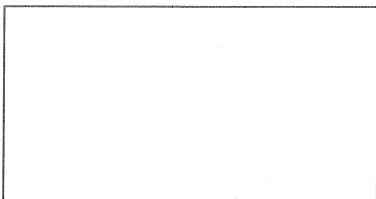
Stainless steel and lead keel with epoxy coating
Maintenance manual
Hot and cold water supply through reinforced alimentary quality flexihose
All discharge through reinforced flexihose
All seacocks are of bronze with a spherical plug-valve
Electric anchor winch
3 winch handles

Construction

Safer, sturdier, the hull of the SUN ODYSSEY 51 is built using laminated glass/KEVLAR (R) composite : ARAMAT K, laid up by hand

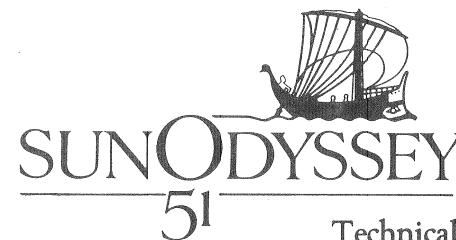
Jeanneau recommends **MOTUL**

Dealer's stamp



Jeanneau

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Technical data sheets 12/89

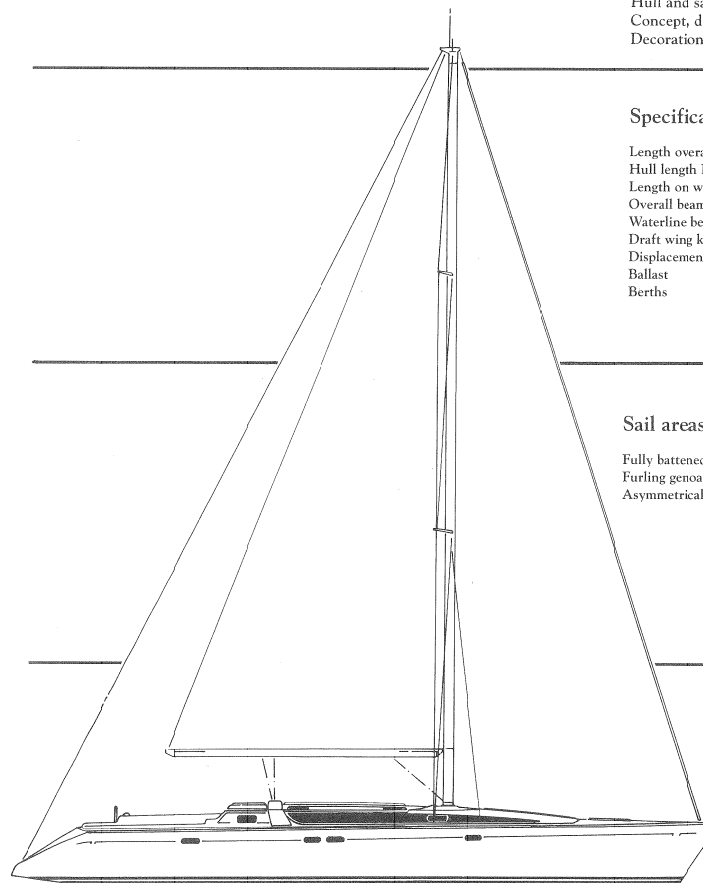
Hull and sailplan design : Bruce FARR
Concept, deck, & interior design : J & J Design
Decoration : Olivier LAFOURCADE

Specifications :

Length overall LOA	: 15.35 m (50'5")
Hull length LH	: 14.99 m (49'3")
Length on waterline LWL	: 12.90 m (42'4")
Overall beam	: 4.85 m (15'11")
Waterline beam	: 3.95 m (13')
Draft wing keel	: 2.00 m (6'7")
Displacement F/K	: 14000 kgs (30800 lbs)
Ballast	: 4500 kgs (9900 lbs)
Berths	: 8 - 12 depending on version 5 cabins

Sail areas

Fully battened main	: 51 m ² (549 sq.ft.)
Furling genoa	: 77 m ² (829 sq.ft.)
Asymmetrical spinnaker	: 150 m ² (1615 sq.ft.)



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ACCOMODATION

Aft cabins (Port and starboard)

Double berth 1,95 m x 1,40 m (6'5" x 4'7")
Mattresses with removable fabric covers
Mattress thickness : 12 cm, double density foam
Batteries under the cabin berths
Rigid fresh water tank under the berth
Hanging locker with door at foot of berth
Seat with cushion in front of hanging locker
Stowage locker running along cockpit side with slide-doors and hinged doors
Bookshelving
3 halogen spotlights, recessed lighting

beneath stowage shelf
Lateral stowage shelf with fiddle
0,90 m x 0,15 m (3' x 6")
Berth stowage shelf with fiddle
1,95 m x 0,15 m (6'5" x 6")
Opening porthole hatch with curtain/drape
0,33 m x 0,14 m (13" x 6")
Opening overhead deck hatch with night roller blind 0,32 m x 0,18 m (13" x 8")
Shelf with fiddle over engine compartment
Access door to engine compartment
Wood floor

Overhead and sides lined with light-coloured rotproof fabric
Door giving access to saloon
Door giving access to washroom
Headroom : 2,05 m (6'8")

Washrooms port & starboard forward and aft

Each cabin is fully independent and is fully fitted out
Shower with mixer tap with hot & cold pressurised water
GRP washroom unit with moulded-in washbasin, soap-dish, glass-holder
Locker door under washbasin allows access to cocks
Toilet-paper holder
Marine head with handpump
Fold-down seat over marine head

Towel rail
Clothes hook
GRP inner liner basin for drainage of shower water
Water discharge by automatic electric bilge pump
GRP duckboarding over shower basin
Stowage locker over washbasin with sliding mirror-doors
Integral recessed lighting each side of the above locker

12-volt power socket
Opening overhead porthole hatch with curtain/drapes 0,46 m x 0,19 m (18" x 7.5")
Headroom : 1,94 m (6'4.5")

Starboard washroom 4 cabin version

bidet replaces marine WC

Saloon

Vast saloon with U-shaped settee
Ergonomic settee around saloon table
Settee seat and backrest cushions with removable fabric covers
Cushion thickness : 15 cm (6")
Saloon table with fiddle
Table comprises two sections
0,90 m x 0,68 m (3' x 2'3")
The central section is removable 0,25 m (10")
Overall table size 1,61 m x 0,90 m (5'3" x 3')
Two table legs
Stowage lockers beneath settee
Stowage shelf with fiddle along hull side

2 loudspeakers connected to cassette-tape player
Corner stowage units forward and aft of saloon
The lower part of each unit is a shelf with fiddle
The upper part is a vast stowage area with doors
Overhead and sides lined with light-coloured rotproof fabric
Recessed lighting under side-decks
2 halogen spotlights on overhead and 2 directable halogen spotlights on bulkheads
Removable teak floorboards have solid-teak

batten surround, a number of inspections hatches allow access to bilge
Opening deck hatch witch blind
0,60 m x 0,60 m (2' x 2') and vent:
2 fixed overhead deck hatches witch blinds
0,60 m x 0,60 m (2' x 2')
2 porthole hatches witch curtain/drape
0,33 x 0,14 m (13"6")
3 folding chairs
Headroom : 2,00 m (6'6")

Galley

Functionnal layout to starboard, the galley has been created along ergonomic lines
Galley unit is worked in teak or ash and the work surface is laminated
2 stainless steel sinks with pressurised hot and cold water
Sea water by separate foot pump
Two sink cover-boards of which one doubles as a chopping board
Refrigerated ice-box, capacity 120 1/4.25 cu.ft.
Deep-freeze capability ice-box with evaporation unit and stowage racks - capacity 90 1/3.18 cu.ft.
Drainage out let to bilge in each ice-box
Ice-box covers with brace
Insulation by 80 mm - thick injected polyurethane foam
Stowage unit under the sinks - waste-bin

fixed on door and shelving
Crockery-dresser unit with door above work surface with adjustable shelf-support pins, cutlery shelf
Lateral stowage shelf with fiddle
Over the cooker hob there is an opening porthole hatch with curtain/drape
0,33 m x 0,14 m (13" x 6") which is itself over the above stowage shelf
Opening roof porthole hatch with curtain/drape 0,44 m x 0,19 m (17" x 7.5")
Galley crockery-shelving unit compartmented with shelf for cassette-tape player built-in
Stowage in lower part with door allowing access to sea-cocks, tanks, water pressure unit
Grabrail on wet-bar
Grabrail on galley shelving unit (4 cabin version)

Wet-bar unit and glass-holder opposite the saloon and indirect lighting from below
Two-burner cooker with oven and safety device
Stove is gimballed with a blocking device
Removable two-part work-surface over the stove
Recessed striplight under the side-deck
2 halogen spotlights
Overhead and sides lined with light-coloured rotproof fabric
Wood floor
12-volt power socket
220-volt power socket
Headroom : 2 m (6'6")



RIGGING AND SAILS

Standing rigging

Anodised aluminium mast and boom
Mast with double level of spreaders
Spinnaker pole track
Stainless steel shrouding
1 forestay diam. : 12,7 mm (1/2")
2 forward lower shrouds diam. : 12,7 mm (1/2")
2 upper shrouds diam. : 11,2 mm (0,44")
2 intermediates diam. : 8mm (0,315")
Aft shrouds diam. : 12,7 mm (1/2")
1 backstay diam. : 11,2 mm (0,44")
Backstay chainplate

Running rigging

1 jib halyard
1 spinnaker halyard
1 main halyard
2 lazy-jacks
1 boom downhaul
2 genoa sheets
1 mainsheet
Jib track adjustment
Main traveller adjustment
Spinnaker pole downhaul
Spinnaker pole topping lift
Asymmetrical spinnaker guy and sheet

Mast winches

2 self-tailing winches for halyards and reefs

Sailing lights

Sailing lights on pulpit and pushpit
Motoring lights
Masthead lights
Deck floodlight

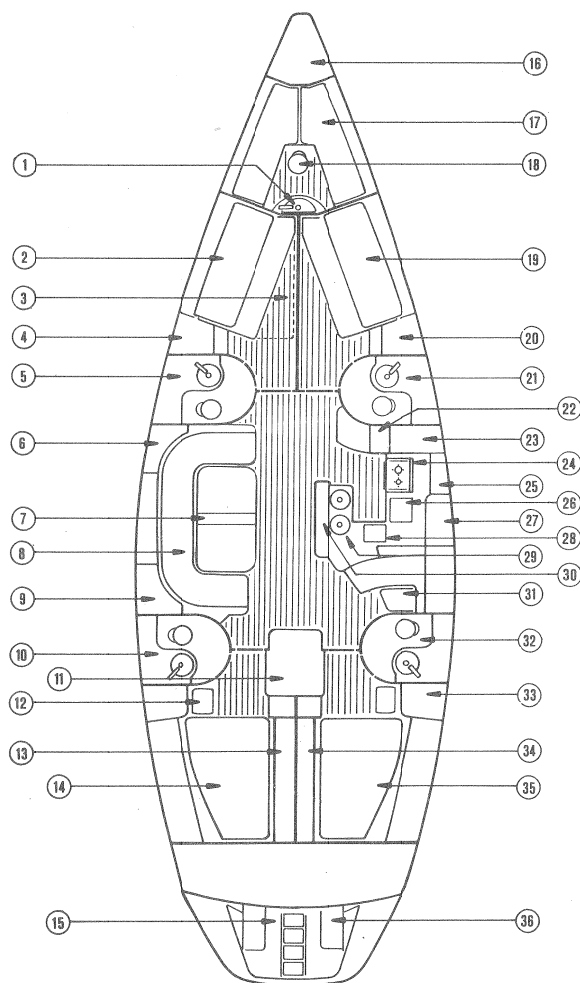
Spinnaker pole - spinnaker rig (as standard)

Various capacities

8 rigid water tanks : 950 l
: 209 imp. g/251 US galls
1 stainless steel diesel tank
: 380 l
: 83,5 imp.g/100 US gall
Inboard batteries : 2 x 160 A/H
Engine battery : 1 x 160 A/H
Refrigerated ice-box : 120 1/4.25 cu.ft.
Ice-box with deep-freeze capability (opt.extra)
: 3.18 cu.ft.
Alternator : 70 A/H

APPOINTMENT

- 1 Washbasin with shower head
- 2 Upper single bunk-berth in forward cabin portside
- 3 Single berth converting to double
- 4 Hanging locker
- 5 Forward washroom portside
- 6 Stowage locker unit
- 7 Saloon table
- 8 Saloon
- 9 Stowage locker unit
- 10 Washroom aft cabin portside
- 11 Engine compartment
- 12 Seat in front of the hanging locker
- 13 Stowage locker unit in aft cabin portside
- 14 Double cabin aft
- 15 Teak-battened aft spoiler with bathing ladder
- 16 Anchor locker with electric anchor winch allowing for anchor to be kept at ready
- 17 Crew quarters 2 single berths
- 18 Marine head
- 19 Single bunk berth
- 20 Hanging locker
- 21 Forward washroom starboard side
- 22 Cassette-tape player (built-in)
- 23 Galley crockery shelving unit
- 24 Stove
- 25 Stowage shelf
- 26 Ice-box (2nd refrigerated chest as optional extra)
- 27 Crockery unit
- 28 Fridge
- 29 Sinks
- 30 Wet bar unit opposite saloon
- 31 Chart table
- 32 Aft washroom starboard side
- 33 Hanging locker
- 34 Stowage unit
- 35 Double berth
- 36 Aft spoiler locker



Companionway

Altuglass companionway hatch boards (2 sections)
Sliding altuglass companionway hatch
5 steps with non-slip treads
Grabrail
The upper part of the companionway steps opens out
Gas piston-cylinder jacks keep it in open position
Access to engine
5 circuit cut-outs
12-volt power socket
Headroom : 2 m (6'6")

Navigation station

Chart table 0,60 m x 0,77 m (2' x 2'6")
Recessed striplight illuminates all the area of table under the instruments panel
Vast removable panel opposite the chart table to take all instrumentation
Stowage bin to left of chart table surface
Bookshelving with grabrail
Stowage under the chart table
Shaped navigator seat with cushion
Cushion has removable fabric cover
Indirect lighting under electrics panel

Electrics panel

Panel is on a hinged door
Display of various electrical points of boat
20 thermostatic breakers and switches covering each electrical function
Sailing lights
Electronics
Pumps
Interior lighting
Service
Thermostatic breaker covering the cold unit

Ammeter
Voltmeter
Water consumption meter
Battery charge tester
5 battery cut-outs under the companionway
Electronic load dispatchers
Switch and breaker covering the electric water heater

Forward cabins Port and starboard (4 cabin version)

Lower single bunk-berth converts to double 1,90 m x 1,30 m (6'3" x 4'3")
Upper single bunk berth 1,90 m x 0,70 m (6'3" x 2'3")
Mattresses with removable fabric covers
Mattress thickness 12 cm (4.5")
Hanging locker with doors at bedhead
2 porthole hatches with curtain/drape 0,33 m 0,14 m (13" x 6")
Opening deck hatch with curtain/drape 0,32 m x 0,18 m (13" x 7.5")

Continual ventilation through dorad vent
Recessed striplight for the upper berth under the side-decks
Stowage shelf with fiddle
Recessed striplight for lower berth under the stowage shelf
2 halogen spotlights
Overhead and sides lined with light-coloured rotproof fabric
Wood floor
Door giving access to saloon

Door giving access to washroom
Headroom : 1,98 m (6'6")
Soundproofing insulation between the two cabins

Crew quarters

Completely independent living quarters, with access through opening deck hatch with curtain/drape 0,80 m x 0,80 m (2'7" x 2'7") and ventilator
GRP wash unit with moulded washbasin
Towel-rail, clothes hook, toilet-paper holder
Hot and cold water pressurised water supply with shower
Marine head with cocks
Stowage areas under the lockers
2 single berths 1,87 m x 0,56 m (6'2" x 1'10")
2 halogen spotlights

Hatch lockable from inside
Stainless steel ladder
Overhead and sides lined with light-coloured rotproof fabric
Composite floor with wood facing
Headroom : 1,80 m (5'11")
12-volt power socket
Hull lining : teak battens (3 cabin version)

DECK

Cockpit

Vast cockpit doubling as topside saloon
Helmseats, cockpit seating and cockpit floor are teak-battened
Cockpit lighting built into the boom
2 built-in access waists
Cockpit table with insulated chest
Cockpit lockers to aft both port and starboard
Gas bottle housing in port locker
Forward of cockpit, immense stowage bins for gear and winch handles
Lockers under helmseats

Pair of metro-diameter leather-sheathed steering wheels with compass
Lock-in device for wheel and emergency tiller
Built-in engine dash for the port wheel station
Dashboard : rev.counter, oil-pressure manometer, water temperature thermometer, battery charge tester, engine hour counter, fuel gauge, single-lever throttle/reverse control on the helm support

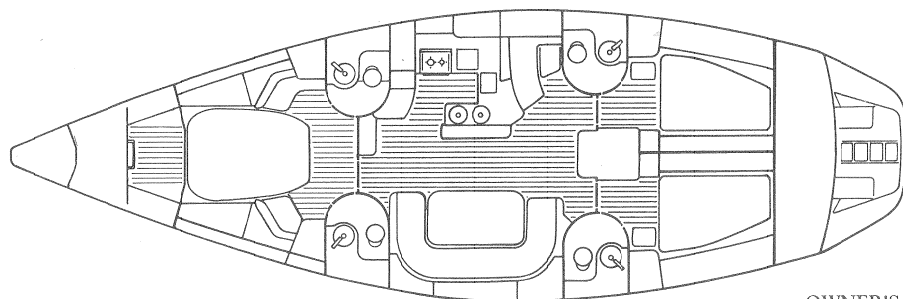
Engine

Engine delivered (see price list)
Engine compartment illumination
Single-lever remote-control throttle : reverse in cockpit
Three-bladed propeller
Soundproofing foam to engine compartment cover
Access to engine through upper part of companionway steps which is raised and kept in open position by gas piston-cylinder jacks
Continual ventilation

Electric ventilator
Water intake seacock and filter
Fresh water heat exchanger for the hot water tank

Aft spoiler

Teak-battened stern platform
Easily accessible through transom gate, direct extension of cockpit
Gate is in two parts with catch
Spoiler lockers to port and starboard with top and side opening - liferaft housing
Built-in bathing ladder - shower facility
Aft anchor roller with mooring cleat
220-volt shore socket
Backstay chainplate
Aft spoiler rubbing strake



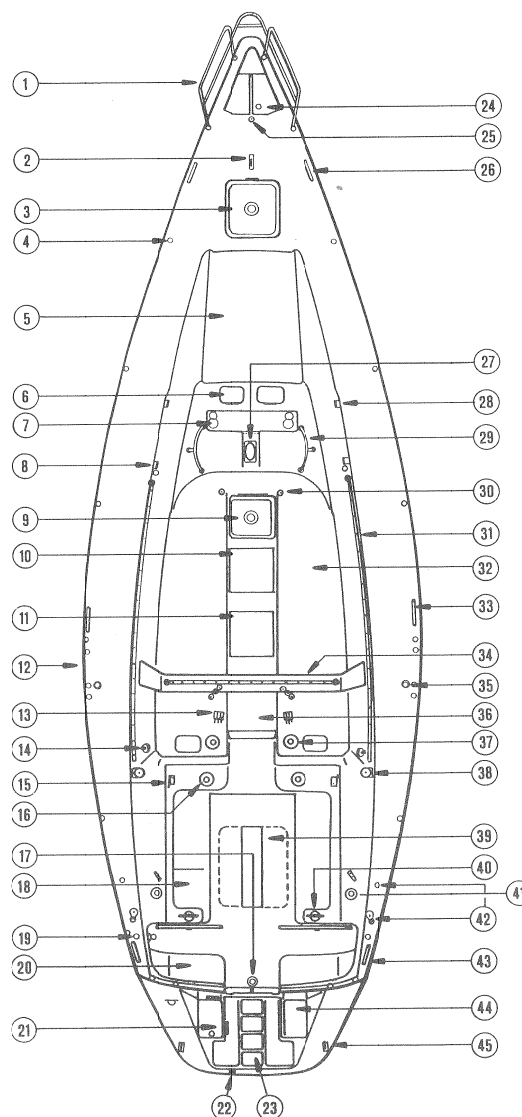
OWNER'S

Forward cabin (3 cabin version)

Centrally-located double berth
Lateral stowage lockers with sliding doors
Stowage shelf above the lockers with fiddle
2 Stowage chests to port symmetrical with starboard and with top-opening
1 hanging locker with shelf to starboard
1 vanity unit with mirror and lighting to port
Bookshelving with stowage to port
1 mirror 440 x 1640 mm on the midship bulkhead
4 opening hull ports with curtain/drape 0,33 x 0,14 m (13" x 6")

2 opening decklights with night blind
2 halogen spotlight sets on the forepeak bulkhead
Indirect lighting under the stowage shelves
Seats at foot of bed with backrest
Stowage under the berth
Stowage drawer at foot of bed
Hull and overhead lining : "peach" coloured fabric

DECK FITTINGS



- 1 Forward pulpit
- 2 Staysail stay chainplate (Cutter optionnal extra)
- 3 Opening deck hatch with vent
- 4 Stanchion
- 5 Location of forward sunlounger pads
- 6 Opening deck hatches to forward cabins
- 7 Dorad vent - deck vent
- 8 Shroud chainplate
- 9 Opening deck hatch over saloon
- 10 Plexiglass saloon decklight
- 11 Plexiglass saloon decklight
- 12 Side-deck
- 13 Adjustment jammers to jib and main cars as well as to mainsheet, furling jib and main furling optionnal extra
- 14 Spinnaker guy turning-block
- 15 Spinnaker guy and sheet stoppers
- 16 Spinnaker sheet winch
- 17 Emergency tiller stowage cap
- 18 Cockpit locker to port with gas-bottle stowage
- 19 Spinnaker sheet turning-block
- 20 Helm stowage locker to port
- 21 Aft mooring locker with cleat
- 22 Aft mooring roller
- 23 Swim ladder built into the aft spoiler
- 24 Chain locker with electric winch and built-in anchor systems
- 25 Spinnaker pole topping lift turning-block
- 26 Forward mooring cleat
- 27 Mast wtep with watertight grommets
- 28 Forward lower shroud chainplate
- 29 Mast pulpit granny bars
- 30 Downhaul turning-block
- 31 Genoa sheet track
- 32 Starboard sundeck
- 33 Starboard covering cleat
- 34 Main traveller
- 35 Deck fill cover to forward water tank starboard side
- 36 Companionway
- 37 Spinnaker sheet and guy winch
- 38 Spinnaker sheet and guy turning-block
- 39 Cockpit table
- 40 Compass and starboard wheel
- 41 Running backstay winch (Cutter optionnal extra)
- 42 Chainplate for running backstay turning-block
- 43 Aft mooring cleat
- 44 Starboard locker in aft spoiler
- 45 Backstay chainplate to starboard