

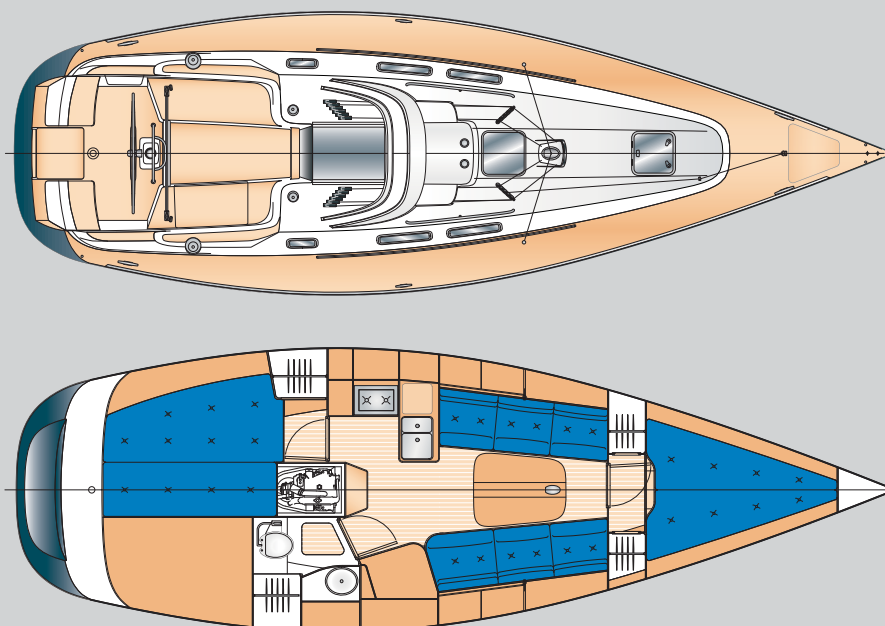


FINNGULF 331

Specification

Finngulf 331 Main Dimensions

	METRIC	IMPERIAL
Length overall	10,13 m	33,2 ft
LWL	9,26 m	30,4 ft
Beam	3,30 m	10,8 ft
Draft @ DWL	1,80 m	5,9 ft
Mast height	15,8 m	52,0 ft
Shallow keel option	1,60 m	5,4 ft
Ballast	1 800 kg	3 970 lbs
Displacement	4 800 kg	10 580 lbs
STIX	35,6	35,6
Engine	21 kW	28 hp
I =	13,75 m	45,1 ft
J =	3,70 m	12,1 ft
J = (recessed furler)	3,56 m	11,7 ft
P =	12,93 m	42,4 ft
E =	4,48 m	14,7 ft
Mainsail	34 m ²	368 sq.ft
Fore triangle	25 m ²	270 sq.ft
Genoa 140%	36 m ²	390 sq.ft
Spinnaker	85 m ²	915 sq.ft
Fuel tank	80 ltr	22 US g
Water tanks	120 ltr	32 US g
Holding tank	60 ltr	16 US g
Design	Karl-Johan Stråhlmann	



Ce-certification

All Finngulfs are built in accordance with the Recreational Craft Directive 94/25/CE.

Finngulf 331 has been certified to category A – “Ocean” by IMCI.

Hull and deck

Construction

- Hand laminated GRP sandwich construction with 15 mm foam core
- CSM/biaxial or woven roving biaxial E-glass laminate with polyester resin
- Multiaxial and unidirectional E-glass reinforcement in high stress areas
- 10 mm or 15 mm foam core in deck
- NGA (UV protected) gelcoat with molded in stripes
- Transparent gelcoat under the waterline and powder bonded glassfibre mat with isophtalic resin on first outer surface layer for better osmosis protection
- Deep keel beams of solid GRP laminate with unidirectional reinforcements laminated to the hull
- Chainplates are continued straight from the keelbeams
- Single skin laminate in keel and rudder areas, along centerline structure and at all through hull fittings below waterline
- Structural bulkheads are of mahogany veneered marine grade waterproof plywood
- All structural bulkheads are laminated to hull and deck on both sides
- The deck is through bolted c-c 100 mm to the hull flange, sealed and glued
- Standard colours:
- White hull / blue stripes / white deck.
- 1 covestripe and 2 stripes above waterline
- Colour codes
- White hull NGA 2000 with blue stripes NGA 7005
- Optional dark blue hull NGA 7344 with white stripes
- Deck surface is white gelcoat NGA 2000
- Also non visible surfaces are painted or varnished for protection
- Epoxy primer and antifouling on bottom. (2 + 2 layers)

Keel

- Cast lead keel with bulb, antimony (2,5-3%) hardened
- Keel bolted to hull with 11 high tensile AISI 329 stainless steel bolts 24 mm

Rudder

- GRP rudderblade using isophthalic resin and filled with epoxy foam

Steering

- Whitlock steering pedestal
- 120 cm stainless steel steering wheel with elkhide
- Whitlock rack and pinion steering system
- Stainless steel rudder stock on self aligning bearings
- Emergency tiller

Deck and deck equipment

- 2 halyard winches Harken 40STA
- 2 primary winches Harken 44STA
- 2 lockable winch handles
- 12 clutches + 1 clutch for furling headsail
- 10 mast base blocks
- Genoa sheet tracks with 2 cars + 2 cars for leading sheet to winches and end stops
- Genoa sheet car adjustment 2:1
- Main traveler with 4:1 adjustment
- Mainsheet 6:1 tackle
- Deck organizer blocks, 5+2 sheaves on each side
- Teak side decks
- Teak in cockpit
- Teak swimming platform
- Pulpit and pushpit
- Aluminium or iroko / teak toerails with draining holes
- Swimming ladder at transom
- Double life line wires
- 8 stanchions 61cm
- 4 mooring cleats and 2 spring cleats
- Stainless steel grabrails on cabintop
- Stainless steel chainplates
- 3 aluminium through deck fittings (water, waste, diesel)
- Two padeyes for safety harness in cockpit
- Molded companionway seahood with integral instrument pod for instruments and a 12V DC outlet
- Sprayhood

- Plexi sliding companionway hatch
- Two plexi dropboard/washboard hatches
- 7 openable aluminium frame portlights:
- 4 Lewmar size 4 portlights 646x191 mm
- 3 Lewmar size 1 portlights 367x191 mm
- 500 x 500 mm Lewmar size 44 fore-deck hatch
- 527 x 397 mm Lewmar size 30 hatch on cabintop

- 2 steel ventilators with sun fans (aft cabin and head)
- Two dorade ventilators on cabintop
- Ventilator in forecabin
- 3 large storage lockers with locking hatches in cockpit . The lockers are designed to accommodate the heater, shore power systems, hot water tank and holding tank below the intermediate floor
- Propane gas locker at centerline under helmsman's seat, with place for optional shower outlet
- Self draining anchor box in bow

Interior

- Satin varnished mahogany interior
- Mahogany or teak floorboards
- Alsace or similar upholstery with removable covers. Standard colors dark blue or light beige

Forecabin

- Vee berth with storage under
- Hanging locker on port side and locker with shelves starboard
- Open top shelves above berths alongside

Head

- White or teak laminate counter top with through hull valves in locker below
- Stainless steel sink
- White GRP floor module
- Wet locker, wc-seat, shower and pumps
- Upper lockers with sliding mirrors

Main cabin

- Fixed table with folding leaves. Top opened locker inside.
- Salon settees with tanks and storage under
- Overhead lockers and open shelves

- Wide companionway steps with sideways support. Lockers and access to engine and service batteries under steps
- Handrails throughout

Nav station

- Aft facing chart table with chart locker and drawers below
- Shelves and space for instruments above

Galley

- White or teak laminated counter top
- Top opening stainless steel coolbox 60 ltr with cooling unit
- Two burner gimballed gas stove with oven
- Double stainless steel sink
- Cutboard on sink
- Shelves and lockers with lots of space for food, plates, glasses and cutlery
- Additional folding table next to sink
- Space for garbage disposal

Aft Cabin

- Double berth with storage under
- Hanging locker and shelves
- Shelves above berth alongside
- Natural light from cabin side portlight and cockpit portlights

Engine and mechanical

- 28 hp fresh water cooled diesel engine with saildrive
- Engine control panel in cockpit including instruments for engine hours and rpm, alarms for cooling water temperature and oil pressure
- Throttle mounted for easy access by helmsman
- Fuel filter and sea water strainer easily accessible
- Muffler/waterlock, exhaust at transom side
- 3 blade folding propeller
- Sound proofed insulated engine room with easy access from front, starboard side and back

Plumbing and tanks, systems

- Stainless steel pressure tested water tank under port settee, analog gauge

- Stainless steel pressure tested fuel tank with analog gauge and shut off valves, under starboard settee
- Stainless steel pressure tested holding tank in starboard aft locker
- 3 tank air vents
- Holding tank deck suction or through hull discharge with manual pump, hermetic odourless hoses
- Pressurized fresh water system with tap in galley and head
- Sea water system
- Seawater flush toilet
- 1 manual bilge pump in head compartment with two way valve for either bilge or shower drain
- 1 manual bilge pump mounted in cockpit coaming
- Manual foot pump in galley for fresh or salt water
- Water heater with thermostat
- Bronze seacocks

Electrical and navigation

- 12 V DC electrical system
- 110 A Alternator on engine
- 75 Ah engine starter battery + 2 x 110 Ah Consumer batteries
- Main battery switches under main companionway
- Main switchboard with automatic fuses and voltmeter above navtable
- Fuel and water tank level indicators at nav table panel
- Shore power with charger
- Heater
- Interior dome lights
- Chart table light
- Fluorescent tube lights in head
- Reading lights

- Navigation lights (red & green, white)
- Deck light & steaming lights fitted on mast
- Anchor light in mast top
- 12V DC plugs at nav station and at instrument console on cabintop
- Compass with light mounted on pedestal
- Chainplates grounded to a keel bolt

Rig and Sails

- Fractional tapered aluminium mast, stepped on keel, with swept double spreaders
- Aluminium boom with 2 single line reefs and outhaul
- Complete standing Rod rig, discontinuous at spreaders
- Chromed bronze turnbuckles
- Complete running rigging including 1 main halyard and 2 genoa halyards in Spectra / Dynema
- Furling system for headsail below deck
- Rodkicker rigid vang
- Track for spinnaker pole
- Mast collar with mast base blocks
- Split backstay, tackle adjustment
- Windex

General

- One fire extinguisher in salon*
- One fire extinguisher in cockpit locker*
- *) *Only for boats delivered in Finland.*
- Propane gas system with ventilated cockpit locker for bottle
- Owner's manual and handbooks

Optional

- Transport cradle
- Shallow draft keel
- Self tacking track
- Additional reef
- Spinnaker equipment
- Carbon spinnakerboom
- Gennaker equipment
- Detachable Cutterstay
- Deck with antislip areas
- Teak cockpit table
- Electric windlass at bow or at transom
- Shower on aft deck
- Side access gates in life lines
- Wind instruments
- Log and echosounder
- Navigation instruments
- Autopilot
- Radar
- VHF radio
- Instrument console on pedestal crash bar
- Stereo radio/CD, TV, DVD
- Antennas (VHF, GSM, radio, TV)
- Extra battery capacity
- Solar panel
- Electric bilge pump
- Extra water tank
- Blind- and insect screens
- Cruising or racing sails
- Stacker with lazy jacks, boom cover