



FINNGULF 46

Specification

FINNGULF
SOLID PERFORMANCE

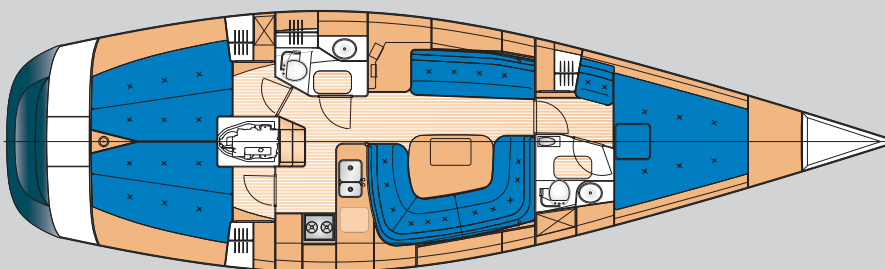
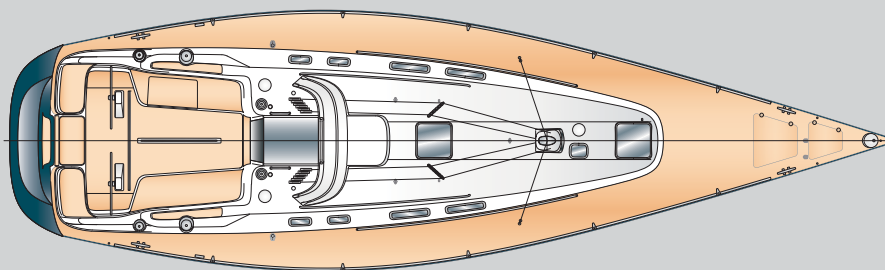
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Finngulf 46 Main Dimensions

	METRIC	IMPERIAL
Length overall	14,00 m	45,9 ft
LWL	12,10 m	39,7 ft
Beam	4,17 m	13,7 ft
Draft @ DWL	2,55 m	8,4 ft
Mast height	21,7 m	71,0 ft
Shallow keel option	2,20 m	7,2 ft
Ballast	3 800/3 900 kg	8 370/8 590 lbs
Displacement (racing /cruising)	9 500/10 200 kg	21 000/22 500 lbs
STIX	38,6	38,6
Engine	41 kW	55 hp
I =	17,60 m	57,7 ft
J =	5,06 m	16,6 ft
J = (recessed furler)	4,93 m	16,2 ft
P =	16,90 m	55,4 ft
E =	6,19 m	20,3 ft
Mainsail	61,6 m ²	663 sq.ft
Fore triangle	43,4 m ²	470 sq.ft
Genoa 137%	59,4 m ²	640 sq.ft
Spinnaker	149 m ²	1600 sq.ft
Fuel tank	240 ltr	63,4 US g
Water tanks	220 + 80 ltr	58 + 21 US g
Holding tank	70 ltr	18,5 US g
Design	Karl-Johan Stråhlmann	



DRAWINGS SHOWING DIFFERENT OPTIONS

FINNGULF 46 SPECIFICATION – February 2010

Ce-certification

All Finngulfs are built in accordance with the Recreational Craft Directive 94/25/CE. Finngulf 46 has been certified to category A – "Ocean" by VTT.

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Hull and deck

Construction

- Hand laminated GRP sandwich construction with 20 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
- 15 mm or 20 mm foam core in deck
- NGA (UV protected) gelcoat with molded in stripes
- Transparent gelcoat under the waterline and powder bonded glassfibre mat with isophthalic 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 teak or 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

Keel

- Cast lead keel with bulb, antimony (2,5-3%) hardened
- Keel bolted to hull with high tensile AISI 329 stainless steel bolts. 10 bolts 24 mm + 4 bolts 30 mm

Rudder

- GRP rudderblade using isophthalic resin and filled with epoxy foam

Steering

- Painted aluminium steering pedestals
- Twin 90 cm stainless steel steering wheels
- Jefa wire steering system
- Stainless steel rudder stock on self aligning bearings
- Emergency tiller

Deck and deck equipment

- 2 halyard winches Harken R46.2STA
- 2 primary winches Harken R60.2STA
- 2 mainsheet winches Harken R46.2STA
- 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 4:1
- Main traveler with 6:1 adjustment
- Mainsheet led to winches
- Deck organizer blocks, 6 sheaves on each side
- Pulpit and pushpit
- Iroko toerails with draining holes
- Swimming ladder at transom
- Double life line wires
- 10 stanchions 61cm
- 4 mooring cleats and 2 spring cleats
- Stainless steel grabrails on cabintop
- Stainless steel chainplates
- 4 stainless steel through deck fittings (water, 2 x waste, diesel)
- Four padeyes for safety harness in cockpit
- Molded companionway seahood with recess for sprayhood and integral instrument pod for instruments and a 12V DC outlet
- Plexi sliding companionway hatch
- Two plexi dropboard/washboard hatches

- 12 openable aluminium frame portlights:
- 6 Lewmar size 4 portlights 646x191 mm
- 6 Lewmar size 1 portlights 367x191 mm
- 578x578 mm Lewmar size 60 fore-deck hatch
- 527x397 mm Lewmar size 30 hatch on cabintop
- 3 steel ventilators with sun fans (aft cabins and head)
- Two dorade ventilators on cabintop and two on foredeck
- Steel ventilator in forecabin
- Two large storage lockers with locking hatches in cockpit. The lockers are designed to accommodate the heater and shore power systems
- Gas locker at centerline between helmsman's seats, with place for optional shower outlet
- Self draining anchor box in bow

Interior

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

Forecabin

- Double berth with storage under
- Hanging locker and shelves, seat on port side
- Open top shelves above berths alongside

Heads

- 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 side opening 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

- Teak laminated counter top
- Top opening GRP coolbox 145 ltr
- Two burner gimbaled 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 Cabins

- 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

- 55 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 all sides

Plumbing and tanks, systems

- Stainless steel pressure tested water tank under starboard settee, analog gauge
- Additional water tank in forward part of starboard settee
- Stainless steel pressure tested fuel tank with analog gauge and shut off valves, under port settee
- Stainless steel pressure tested holding tank in port aft cabin locker, and second tank in fwd head
- 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 heads
- Sea water system
- Seawater flush toilets
- 1 electric bilge pumps in head compartments, 1 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
- Bronze seacocks

Electrical and navigation

- 12 V DC electrical system
- 110 A Alternator on engine
- 75 Ah engine starter battery + 3 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
- Halogen or LED interior lights, dimmer
- Interior dome lights
- Chart table light
- Fluorescent tube or LED lights in galley and in head
- Reading lights
- Navigation lights LED (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(es) with light
- Chainplates are grounded to a keel bolt
- Electric Switch panel in cockpit for nav lights etc.

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 rig with 1x19 wire, discontinuous at spreaders
- Chromed bronze turnbuckles
- Complete running rig including 1 main halyard and 2 genoa halyards
- Track for spinnaker pole
- Mast collar with mast base blocks
- Manual hydraulic backstay tensioner
- Windex

General

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

Optional

- Customized interior details
- Forward facing nav station
- Vacuum laminated epoxy hull and deck
- Painted hull
- Transport cradle
- Shallow draft keel
- Epoxy primer and antifouling on bottom
- Bowthruster
- Teak side decks
- Teak in cockpit
- Teak swimming platform
- Teak cabin top
- Sprayhood, cockpit tent, bimini tent
- Racing rig, carbon mast
- Furling system for headsail belowdeck
- Rodkicker with gas spring

- Additional reef and reef blocks
- Spinnaker equipment
- Carbon spinnakerboom
- Gennaker equipment
- Detachable Cutterstay
- Self tacking track
- Anchor light and / or tricolor in mast top
- Electric winches
- Hydraulic mast jack
- Carbon steering wheels
- Teak cockpit table
- Electric windlass at bow or at transom
- Shower on aft deck
- Side access gates in life lines
- Customized deck gear
- 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)
- Shore power with charger
- Extra battery capacity
- Solar panel
- Extra water tank(s)
- Extra fuel tank
- Blind- and insect screens
- Adjustable sea berth with aluminium frame
- Fridge
- Freezer
- Water heater with thermostat
- Heater
- 75 hp engine with 4 blade folding propeller
- Engine charger 230 V 3/6 kW
- Cruising or racing sails
- Stacker with lazy jacks, boom cover

Finngulf Yachts Oy reserves the right to replace listed equipment with equivalent.

Equipment on boats in brochures, at shows etc. can vary from the standard solutions.

Finngulf Yachts Oy reserves the right to changes without prior notice.

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