

# **FINNGULF**46

Specification

**FINNGULF**  
SOLID PERFORMANCE

FINNGULF YACHTS OY

Pohjankurun Satama, FI-10420 Pohjankuru, Finland

tel. +358 20 741 4200 | fax +358 20 741 4201 | sales@finngulf.com | www.finngulf.com

## Finngulf 46 Main Dimensions

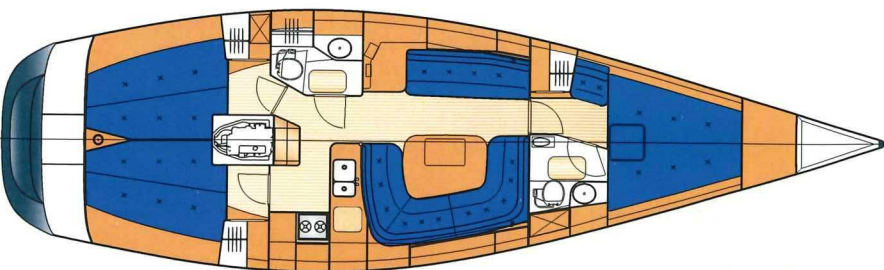
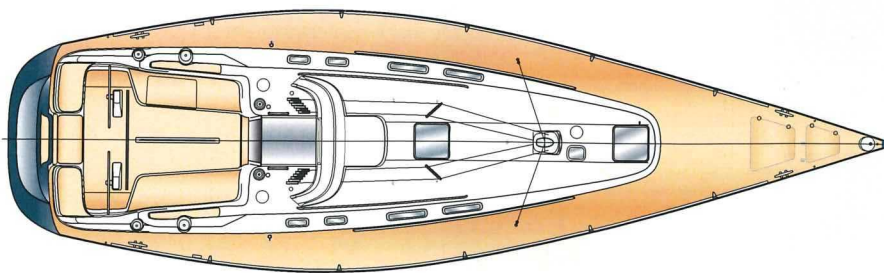
	METRIC	IMPERIAL
Length overall	14,00 m	45,9 ft
LWL	12,10 m	39,7 ft
Beam	4,17 m	13,7 ft
Draft @ DWL	2,55 m	8,4 ft
Mast height	20,3 m	67,0 ft
Shallow keel option	2,20 m	7,2 ft
Ballast	3800 kg	8370 lbs
Displacement (racing /cruising)	9500/11 500 kg	21 000/25 000 lbs

Engine	41 kW	55 hp
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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 <sup>2</sup>	663 sq.ft
Fore triangle	43,4 m <sup>2</sup>	470 sq.ft
Genoa 137%	59,4 m <sup>2</sup>	640 sq.ft
Spinnaker	149 m <sup>2</sup>	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



## 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 with Sikaflex
- 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+1+2)

### 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

- Custom steering pedestal
- Twin 90 cm stainless steel steering wheels with elkhide
- Jefa wire steering system
- Stainless steel rudder stock on self aligning bearings
- Emergency tiller

## Deck and deck equipment

- 2 halyard winches Harken 46.2STC
- 2 primary winches Harken 60.2STC
- 2 mainsheet winches Harken 46.2STC
- 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
- Teak side decks
- Teak in cockpit
- Teak swimming platform
- Pulpit and pushpit
- Iroko / teak 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
- Sprayhood
- 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 foredeck 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.
- Propane 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 or mahogany 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 with cooling unit
- 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, fireport

## 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
- Water heater with thermostat
- 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
- Shore power with charger
- Heater
- 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

- 19/20 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
- Adjustable mast step
- Manual hydraulic backstay tensioner
- 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

- Vacuum laminated epoxy hull and deck
- Painted hull
- Transport cradle
- Shallow draft keel
- Performance racing keel
- Bowthruster
- Self tacking track
- Additional reef
- Spinnaker equipment
- Carbon spinnakerboom
- Gennaker equipment
- Detachable Cutterstay
- Teak cabin top
- 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)
- Solar panel
- Forward facing nav station
- Freezer
- Extra water tank(s)
- Extra fuel tank
- Blind- and insect screens
- Adjustable sea berth with aluminium frame
- 55 hp engine
- 4 blade propeller
- Engine charger 230 V 3/6 kW
- Cruising or racing sails
- Stacker with lazy jacks, boom cover