

# FISHER 34

NEIL MARINE



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## FISHER 34 BASIC SPECIFICATION FOR STANDARD VESSEL

Technical Specification No: NMF34/SB/SP/20/1377



FISHER 34 - SLOOP (STANDARD)		
<b>DIMENSIONS</b>		
Length overall	10.46 m	34 ft 04 in
Length waterline	9.10 m	29 ft 10 in
Beam	3.42 m	11 ft 03 in
Draft	1.49 m	4 ft 11 in
Displacement	11,684 kgs	11.5 ton
Ballast Weight	4826 kgs	4.75 ton
<b>SAIL AREAS</b>		
Main	25.08 sq m	270 sq ft
Furling Genoa	33.45 sq m	360 sq ft

FISHER 34 - KETCH (OPTIONAL)		
<b>DIMENSIONS</b>		
Length overall	10.46 m	34 ft 04 in
Length waterline	9.10 m	29 ft 10 in
Beam	3.42 m	11 ft 03 in
Draft	1.49 m	4 ft 11 in
Displacement	11,684 kgs	11.5 tons
Ballast Weight	4826 kgs	4.75 tons
<b>SAIL AREAS</b>		
Main	19.78 sq m	213 sq ft
Furling Genoa	32.51 sq m	350 sq ft
Mizzen	5.85 sq m	63 sq ft

## 1. CONSTRUCTION

- 1.1 The hull is a heavy duty hand laid-up GRP moulding. The cast iron ballast is encapsulated in the GRP keel and glassed over with further laminates to form an integral part of the hull structure. The major transverse structural bulkheads of marine specification plywood are bonded to the hull.
- 1.2 The deck is a heavy duty hand laid GRP moulding. Balsa stiffening is incorporated in all horizontal areas with plywood infill in way of the deck fittings. Heavily stressed areas are additionally reinforced with unidirectional glass reinforcement.
- 1.3 The deck is bonded to the hull in accessible areas and bolted throughout the whole hull to deck joint.
- 1.4 The bulkheads are laminated to the deck resulting in a strong and integrated unit. Heavy double skin GRP bulwarks, incorporating the hull to deck joint, are moulded as an integral part of the deck and capped with 25mm thick teak.
- 1.5 A teak rubbing strake and teak bulwark cladding is fitted.
- 1.6 The working deck areas are clad in Ceylon teak



## 2. ENGINE STANDARD

- 2.1 A BETA 75 of 75 HP. 4-cylinder marine diesel engine complete with a reduction gearbox is fitted. The engine is heat exchanger cooled and fitted with a water cooled exhaust with water lock type silencer, electric start and alternator of 70 amps output.
- 2.2 The engine is mounted on rubber anti-vibration mounts secured to a glass fiber, steel reinforced GRP engine bed which is bonded to the hull. The standard instrument panel has tachometer, temperature gauge, oil pressure gauge, voltmeter and engine hour meter fitted.
- 2.3 The bronze stern tube with water lubricated cutlass bearing carries stainless steel shaft driving a 3 bladed bronze propeller. A zinc sacrificial anode is fitted to reduce stern gear corrosion.

## 3. STEERING GEAR

- 3.1 A hydraulic steering system consisting of pump and cylinder drives the rudder from a teak steering wheel in the wheelhouse.
- 3.2 Emergency steering by tiller in cockpit (a varnished teak tiller is available as an option).
- 3.3 The rudder is a GRP moulding fitted to a stainless steel sub frame or stainless steel.
- 3.4 The rudder stock is stainless steel and is connected to the rudder.

## 4. TANKS

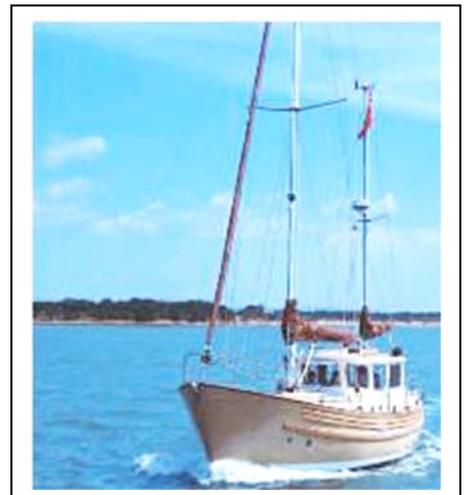
- 4.1 Diesel fuel: A single stainless steel tank complete with baffles of approximately 363 liters (80 gallons) is installed below the cockpit sole.
- 4.2 An electric fuel contents gauge is fitted in the instrument panel.
- 4.3 The filler point is located on the side deck. The tank is vented overboard.
- 4.4 Fresh water: Two GRP baffled tanks of approximately 340 liters (75 gallons) total are installed below the forward bunk and main saloon sole with fillers on the side decks.
- 4.5 Hot and cold water is supplied by pressure pump to outlets in the galley and toilet. Hot water is heated from a calorifier unit via the engine.

## 5. BILGE PUMPS

A high capacity manual bilge pump is provided in the aft cockpit locker. An electric pump with manual and automatic switches on the console is fitted in the grey water tank fitted under the cabin sole.

## 6. ELECTRICS

- 6.1 Two heavy duty 12 volt batteries are fitted with isolator switches. Charging is from the engine driven alternator.
- 6.2 Cabin LED lighting is provided throughout the accommodation including a chart light at the chart table.
- 6.3 Standard navigation lights are fitted, with port and starboard lights in teak shield boxes mounted on the wheelhouse roof.
- 6.4 The wiring loom is colour coded and all circuits are fully protected and controlled by circuit breaker switches on the main panel, mounted on the steering console.



## 7. UNDERWATER FITTINGS

- 7.1 All underwater fittings except the propeller shaft and rudder stocks are bronze.
- 7.2 Waste water from the sinks and shower drains to the small grey water sump and is discharged via the automatic pump.

## 8. DECK FITTING

The following are fitted:-

- 8.1. Stainless steel push pit, pulpit and stanchions with stainless steel wire lifelines (plastic sheathed).
- 8.2. Lifeline gates with adjustable pelican hooks are located to port and starboard.
- 8.3. Heavy duty stainless steel stem head fitting with forestay and headsail attachment points and double anchor roller. Stainless steel bowsprit available as standard. Stainless steel engine room vents.
- 8.4. Two large mooring cleats and a bollard on the foredeck, two mid ship cleats, two large bollards aft. Chafing plates are fitted to the teak rail capping's in way of fairleads.
- 8.5. Through-bolted headsail tracks.
- 8.6. Self-tailing sheet winches on the cockpit coaming.
- 8.7. Spinlock rope clutch for the genoa furling line to port. 35lbs.
- 8.8. Delta anchor with 50 meters of 8 mm calibrated chain.
- 8.9. Electric anchor windlass
- 8.10. All working areas deck covered are with Ceylon Teak.
- 8.11. Teak fore and aft handrails on the wheelhouse roof. Two vents and three ventilators on the coach roof. Diesel and water tank fillers in deck.



## 9. SPARS

- 9.1 The ketch rig with the masts and boom in silver anodized aluminium alloy.
- 9.2 Steaming, anchor light,

## 10. RIGGING

- 10.1 The standing rigging is heavy duty 1 x 19 stainless steel wire attached to the chain plates with bottle screws. The running rigging is of pre-stretched Terylene.
- 10.2 The following are supplied: main, genoa (and mizzen for ketch rig) halyards and sheets, boom topping lift, burgee and signal halyards.
- 10.3 Suitable Furlex or similar genoa reefing system is supplied (Boat Extra - Option).

## 11. SAILS

Mainsail, mizzen and furling genoa in white Terylene cloth. The main is equipped with slab Reefing, foot outhaul and leech tension. Sail covers for mainsail and mizzen.

## 12. WINDOWS AND PORTLIGHTS

12.1 Window frames and port-lights are marine anodized aluminium alloy glazed with toughened glass or polycarbonate panes. The wheelhouse/ deck saloon is equipped with 2 slide opening windows and a drop down forward opening window. The coach roof windows are all opening ports. A door with lock is fitted in the aft end of the wheelhouse (sliding door for ketch rig option).

## 13. INTERIOR JOINERY & COVERINGS JOINERY

13.1 All the interior joinery is solid Ceylon teak and teak veneered plywood.

13.2 Galley and toilet compartment worktop surface offered in granite as per colour availability to customer's selection. Any other suitable surface material available to customer preference also could be offered as an alternative if required.

## 14. HULL LININGS

14.1 The overhead linings consist of vinyl upholstered plywood, panels which are detachable for access, have teak battens between the panels. The hull sides and hanging lockers are lined in either teak or carpet to prevent condensation.

14.2 The wheelhouse and the sides of the coach roof are lined in teak veneered plywood or GRP panel.

## 15. COVERINGS

15.1 All cushions are upholstered in colour coordinated high grade fire retardant fabrics. Teak parquet floor is fitted on all cabin soles and wheelhouse sole.

## 16. ACCOMMODATION FORECABIN

16.1 There are two full length single berths with a double berth infill and storage lockers beneath.

16.2 The chain locker is forward.

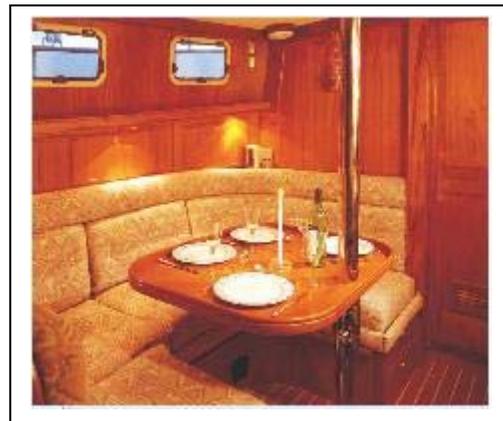
16.3 There is a hanging locker and a clothes storage locker aft of the berths on each side.

16.4 Access to the foredeck is through an opening Perspex deck hatch. There is one opening port on each side of the coach roof.

16.5 A paneled door leads to the saloon.

## 17. MAIN SALOON

- 17.1 The saloon has an 'U' shaped settee to port with lockers behind. There is storage outboard and under the settee.
- 17.2 The saloon table is mounted on a pole so that it can be raised and lowered. When lowered the settee will convert to a double berth if required.
- 17.3 There is overhead and bulkhead lighting with halogen lights under the side deck.
- 17.4 There are two opening ports in the coach roof.



## 18. GALLEY

To starboard in the saloon. It is fitted with: a stainless steel sink fitted on granite work top with drainer, ice box - convertible to optional refrigerator, cooker with 2 burners, grill and oven with fail-safe on all burners, hot and cold water to sink by pressure system, plate and cup storage, drawers and lockers for food storage, overhead vent, two opening ports, granite working surfaces, fiddle rails, gas shut off valve adjacent to cooker, cooker cover with stowage provided, galley crash bar and lighting overhead.



## 19. TOILET

- 19.1 The separate toilet compartment is to port, aft of the saloon with a marine toilet and washbasin. The pressured hot and cold water is supplied to the shower head/tap fitting.
- 19.2 The following are fitted: a shower tray with teak grating, locker outboard with stowage's, opening port, a fixed overhead light, mirror, teak door with laminate backing, overhead ventilator and laminate covered bulkheads.

## 20. QUARTER CABIN

The large cabin is to starboard with full sized double berth with storage under. There is a hanging locker/vanity unit with drawers under, a mirror, one opening port; one fixed port to the wheelhouse. A berth light and fixed overhead light are fitted.

## 21. WHEELHOUSE/RAISED SALOON

- 21.1 The steering position is to port with helmsman's seat/crew settee with large storage lockers below and outboard of the seat. There is a settee to starboard with chart stowage's under and lockers behind the backrests.

21.2 The engine control is positioned forward of the wheel and instrument panel to the side to keep the top surface free.

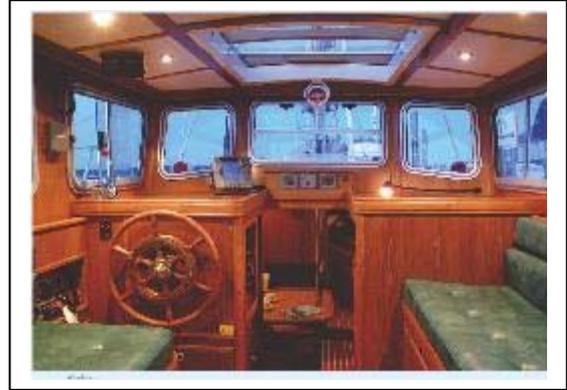
21.3 The chart table is forward to starboard.

21.4 There are slide opening windows each side of the wheelhouse and a central dropdown window. A wiper is fitted on the port forward helm screen as standard.

21.5 There are four overhead lights.

21.6 The engine is situated below the wheelhouse with access via lifting hatches in the wheelhouse sole. The engine space is soundproofed.

21.7 Anodized aluminium profile sliding hatch with smoke colour 10 mm acrylic pane fitted over wheel house roof.



## 22. COCKPIT

22.1 The cockpit is an integral part of the GRP deck moulding which is self-draining through two 38mm bore drains with valves at the hull. A hatch is fitted in the aft seat top to give access to steering gear, bilge pump, and the fuel tank shut off valve.

22.2 The cockpit sole has teak duckboard. There are lockers port and starboard forward under seats.

22.3 The gas bottle locker, with space for two bottles is aft in the cockpit coaming.

## 23. OUTLINE INVENTORY

In addition to items mentioned in the specification the yacht will be complete with the following:-

1 x Compass

2 x Mooring warps

4 x Fenders

## 24. GENERAL

24.1 The hull and deck are colours of customer selection as per colours availability.

24.2 The interior and exterior teak woodwork to be coated with bright Varnish (Boat Extra - Option)

24.3 The yacht is to be antifouled and handed over

24.4 The Fisher 34 is built to conform to CE category A.



## 25. Following included on standard boat price

- 25.1 Black Water Tank with System
- 25.2 Pressurized hot water with immersion heater and Calorifier
- 25.3 External shower
- 25.4 Webasto heating system
- 25.5 Battery charger 12V,50A
- 25.6 Shore power 110/220V
- 25.7 Bow Thruster 75KGF
- 25.8 Electric windlass
- 25.9 Replace CQR 20kg anchor with SPADE 20 kg anchor
- 25.10 VETUS Sliding sunroof over wheel house
- 25.11 Fixing Diesel hob instead of the Gas hob
- 25.12 Clock and Barometer with brass cover
- 25.13 Rope cutter on shaft
- 25.14 Genoa Furling system

## 26. NAVIGATION AND COMMUNICATION EQUIPMENT TO BE QUATED ON REQUESTED

- 26.1. Multifunction Display with inbuilt GPS/Chart Plotter
- 26.2. Autopilot
- 26.3. VHF
- 26.4. Depth, Log, Wind instruments
- 26.5. Radar
- 26.6. AIS

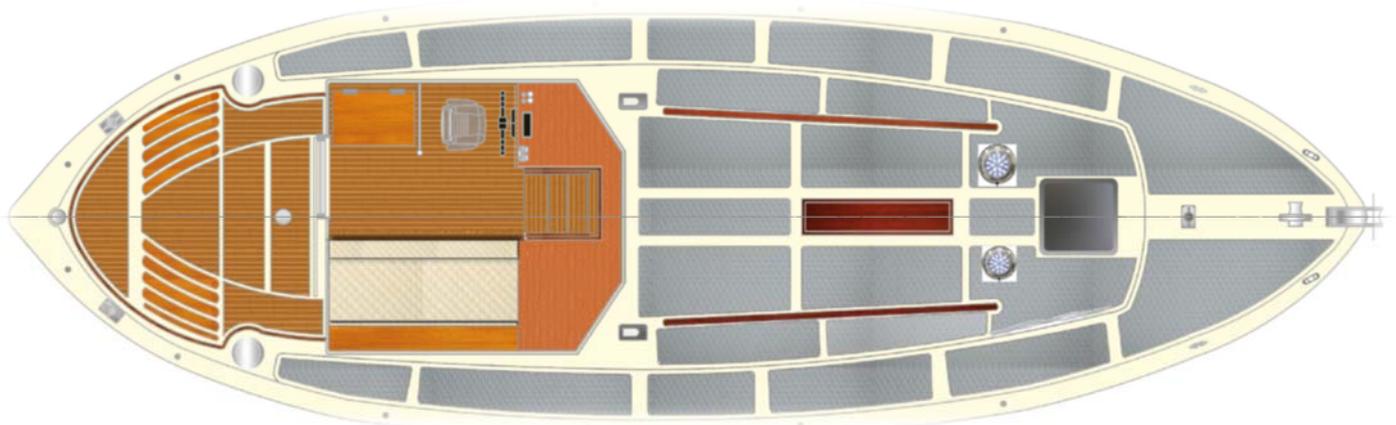
Note : builder reserves the right to amend the specification at any given time.



SLOOP



KETCH



DECK



BELOW DECK