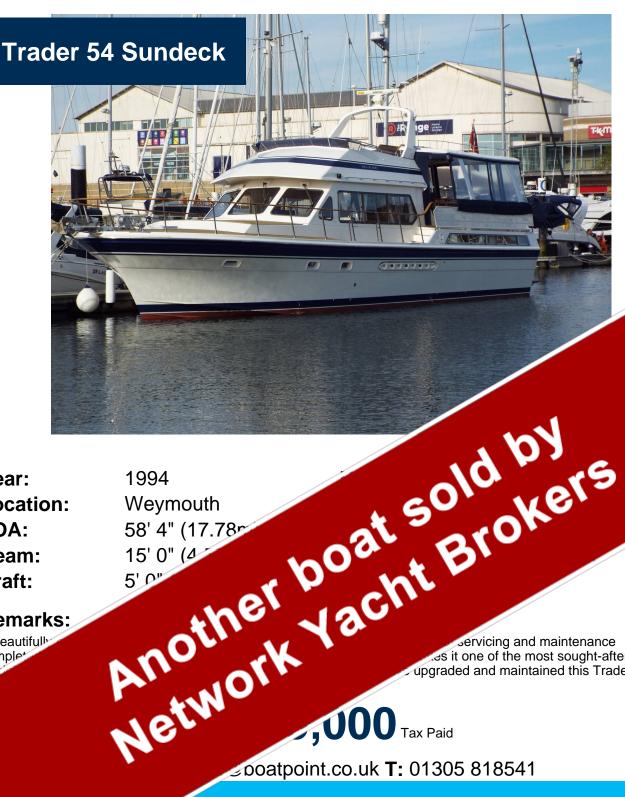


PORTLAND OFFICE

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Year:

Location:

LOA:

Beam:

Draft:

Remarks:

A beautifulls comple* me

s it one of the most sought-after upgraded and maintained this Trader 54

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Mechanical and Rigging

Construction

Hull Construction:

The hull is constructed of hand-laid GRP using woven rovings and chopped strand mat with integral stiffening.

Full width plywood bulkheads are bonded to the hull and deck, complete with bonded longitudinals stringers with hardwood inserts which form the engine bearers to complete the hull stiffening.

The Hull was Gel Shielded for anti Osmosis protection from new

The hull is finished with a white gelcoat complemented by dark blue waterline & boot-top lines.

The hull is protected by a full-length stainless steel rubbing strake at boot-top level.

The stainless steel & teak bathing platform is externally bolted to the transom

Deck, Superstructure & Flybridge Construction:

The deck, superstructure & flybridge are constructed of hand-laid GRP in the same manner as the hull.

The deck & superstructure and flybridge structures are separates moulding from the hull structure.

The aft deck is fully protected by a GRP-moulded deckhead running aft of the flybridge structure.

The superstructure is bolted and bonded to the hull along the bulwark line...

The deck areas are sheathed in prime quality teak with PRC black caulking compound between planks. The flybridge and the bathing platform are also teak laid.

The forward coachroof is GRP also teak laid.

Stainless steel guardrail stanchions with teak capped guardrail

GRP dodgers surrounding aft deck

Exterior doors & windows:

Aluminium framed safety glass windows

Mosquito screens for all opening portholes

Sliding GRP & teak side-door on starboard side adjacent to lower helm

Sliding GRP & teak door at aft end of saloon giving access to aft deck

Opening deckhead hatches for VIP and owner's cabins

Stainless steel opening side-ports

Mechanical Data

Engines & Gearboxes:

2x Caterpillar 3208TA direct-injection V8 turbo-charged after-cooled diesel engines producing 435hp @ 2,800rpm

Fresh water engine cooling via raw-water intake and heat exchangers

Twin disc hydraulic reduction gearboxes

Morse twin-lever cable throttle & gear controls at lower & upper helms

Full bank of VDO engine monitoring gauges at lower & upper helms including voltmeters, water temperature, water pressure, oil pressure and engine hours

Maintenance & Performance:

Engine hours: approx 1495hrs - June 2021

Date of last service: June 2021

Displacement cruising speed: 11-12 knots @ 1,700rpm

Fuel consumption at cruising speed: 40lph (range approx 520Nm)

Maximum speed: approx 17-18knots @ 2,700rpm

Propulsion & Steering:

Nickel bronze 3-bladed propellors

Stainless steel shafts driving through low-maintenance shaft seals and bronze V-brackets Sonihull sonic shaft protectors on each shaft

Rope-cutters on both shafts

12hp Hydraulic bowthruster powered by hydraulic take-off from starboard main engine, with 12v electric actuation

Side Power electric stern thruster

Joint bow and stern thruster control unit at lower & upper helms

Twin rudders

Hynautic hydraulic steering with helm wheels at lower & upper wheels

VDO rudder-angle indicators at lower & upper helms

Emergency steering gear connecting directly to rudder stock in aft cabin

Stainless steel electro-hydraulic actuated Trim-Master trim-tabs with controls at lower & upper helms

Other Mechanical

Pressurised fresh water supply:

Pressurised water supply via 12v DC low pressure pump with additional backup pump located in engine room

Hot water generated by Raritan 45 litre engine-driven calorifier connected to starboard engine or 1.25kw immersion heater element powered by 240v AC system

Watermaker:

Aquafresh 800AC 240v AC reverse-osmosis watermaker producing approx 126lph Control at lower forward companionway

Watermaker hours: 850 -June 2021

Bilge Pumps:

3x Rule 12v DC automatic bilge pumps with float switch activation located in forward bilge, engine bilge and aft bilge.

Manual overrides for bilge pumps with visual alarms at lower helm Emergency engine-driven bilge pump arrangement for engine bilge area Henderson manual bilge pump located at lower helm position

Grey water system:

Grey water from heads & galley sinks discharges directly overboard by gravity Grey water from shower trays drain to forward & aft sumps and is discharged overboard by 12v sump pumps

Black water system:

Black water from both heads discharges directly overboard by manual pump on heads.

Electrical

Voltage Systems:

12v DC domestic system supplying navigation instruments, VHF, navigation lights, interior lights, stereo, bowthruster, trimtabs, refrigerators, all pumps excluding air-conditioning, watermaker & deck salt-water pump

240v AC system supplying air-conditioning, microwave, watermaker, ring main sockets

Battery Banks:

Emergency link to connect service and engine banks located at lower helm All batteries replaced 2014 or newer

Battery banks located in battery boxes in engine space

Engine start batteries:

3x Odyssey Pc 2150 cranking starter batteries joined in parallel

Service batteries:

3x Varta 140 amp deep cycle batteries joined in parallel to supply 420Ah @ 12v

Generator start batteries:

2x Bosch 75Ah 12v generator starter batteries can be linked-to engine start bank

Stern thruster batteries

2 x Mercedes AGM 80Ah

Battery chargers:

Sterling pro charge ultra

Generators:

Onan 12.0 12.5kva 12v DC/240v AC generator in sound-shielded box

Generator hours: 847 - June 2021

Generator start controls on AC/DC panel and further controls & gauges on generator unit

Alternators:

Caterpillar 12v 51Amp alternators for charging main engine batteries and 95amp alternator on starboard engine for charging domestic bank domestic battery banks

Alternator on generator for charging generator battery

Shore power:

2x 32 Amp shorepower connectors

16 Amp shorepower connection for independent 240v shorepower supply

Other electrical:

240v sockets throughout yacht including in engine room AC/DC panel at lower forward companionway with volt & ammeters Main battery bank selector switch at aft lower companionway Isolator switches for service, engine and windlass circuits

Tankage

Fuel tanks:

2x equal-sized mild steel 'wing' fuel tanks with a combined capacity of 1,892 litres (416 gallons) located in engine room

Digital/analogue fuel-flow meters at helm allowing accurate calculation of fuel consumption and range

Twin Racor 1000FG 180gph fuel filter/water separators supplying filtered fuel to both engines and generator via manifold system from either or both fuel tanks

Stainless steel fillers on side-decks

Water tanks:

2x equal-sized polyurethene water tanks with a combined capacity of 787 litres (173 gallons) located beneath owner's cabin double berth

Manifold system at tanks for selecting independent or both water tanks for supply to 12v freshwater pumps

Stainless steel filler on deck

Domestic Equipment

Galley:

Hotpoint electric freestanding cooker with 4 burners, oven & grill

Panasonic 240V microwave oven

2x stainless steel sinks with thermostatic mixer tap and additional shower head

2x Waeco Coolmatic front-opening refrigerators

Heads:

Jabsco manual salt-water flushing heads in both heads

Inset sinks with 'Delta' chromed mixer taps

'Delta' chromed showers in both heads

Air conditioning & Heating:

240V AC Marine Air reverse-cycle air-conditioning system with 4x 5,000BTU independent units supplying all accommodation cabins with digital thermostat controls in all principle cabins.

Air-conditioning system can supply heating in addition to cold air

2 X Mikuni 3.5KWA diesel hot air blowers / heaters

Ventilation:

12v DC engine room blower fans located to port & starboard

Opening sideports throughout hull length

Domestic Lighting:

12v DC LED lighting inset to deckhead throughout yacht

12v DC reading lights in all accommodation cabins plus saloon

12v DC waterproof lighting in engine room, all heads compartments, aft deck deckhead and radar arch

12v DC chart-table light at lower helm

240v AC reading lamps in saloon

Entertainment Equipment:

Sound Systems:

Radio/CD player with speakers in saloon

Radio/CD player with speakers on the aft deck and flybridge

Inventory

Navigation Equipment

Lower Helm Position:

Lenovo all in in one flat screen ships computer with Maxsea Chartplotter and radar feed

Simrad 48 mile open radar scanner with Chartplotter

Cetrek principal instruments including:-

Depth

Speed

Digital compass

GPS

Plastimo Horizon 135 steering compass

Autohelm handheld compass

Brass clock & barometer

Additional brass clock & barometer in owner's cabin

Upper Helm Position:

Raymarine A65 Chart Plotter

Cetrek principal instruments including:

Nav

Digital compass

Cetrek Autopilot

Communications Equipment:

Shipmate RS8110 VHF at lower helm with dual station mount at upper helm and external speaker at upper helm

Deck Equipment

Anchoring:

Lofrans Tigress 12v DC 1,000w reversing anchor windlass with deck-mounted buttons and remote controls at lower & upper helms

Galvanised 'Delta' principal anchor with 60m of galvanised chain

Mooring:

Stainless steel mooring bits fore & aft with fairleads and additional mid-cleats

Various warps & springs

Fenders with stainless steel fender baskets at transom

<u>Tenders & Watersports Equipment:</u>

Tender available by separate negotiation

Boarding:

Boarding ladder with fitting on bathing platform

Stainless steel side-boarding ladder

Opening gates in guardrail on to starboard, port & aft

Stainless steel & teak bathing platform ladder with further ladder from bathing platform to aft deck level

Canvas Work & External Cushions:

Blue canvas bimini at flybridge with stainless steel frame

White canvas forward windscreen cover

White canvas cover for aft deck table

Perforated side window covers

Vinyl cushions for all exterior seating in white with navy blue trim

Safety Equipment

Navigation:

Navigation lights

12v DC horn

Windscreen wipers at lower helm with 12v DC demister fans

Searchlight on radar arch

Life-saving:

1x horseshoe buoys with lights

Fire-fighting:

Alarm system:

Halyard exhaust temperature alarm system with units at lower & upper helms

Fire-extinguishers:

3x automatic fire-extinguishers in engine room
Manual dry-powder fire-extinguishers in saloon & galley
Fire-blanket in galley

Accommodation

Accommodation

The interior joinery is principally of high-quality handcrafted teak with raised mouldings. All doors and france solid teak and vented. The joinery is finished in satin varnish to create a light and airy interior with excellent ambience under both natural and artificial lighting.

The heads compartments are cream laminate trimmed with teak for easy cleaning. Shower doors are soli teak with tinted plexiglass panels.

The heads sink-surrounds are light Corian. The galley worktop is white laminate for hygiene. All other surfaces are teak.

All interior upholstery including mattresses replaced in 2011

Interior seating upholstery in Saloon and Dinette replaced in 2011 with top-grade Andrew Muirhill leather white

Sleeping cabins are upholstered with a blue patterned cloth. In the saloon, the upholstery is a high-quality blue/white pattern.

Blackout blinds on side windows

The curtains are custom made throughout in the sleeping cabins.

All floors are teak-laid with contrasting holly inlay.

The headlining throughout the yacht are white padded vinyl with teak battening.

Generous 6'+ headroom in all cabins.

VIP Cabin:

Located towards the bow, and accessed by a door from the central lower corridor, this cabin features a la centreline double berth with stowage beneath via 3 drawers or via access panel beneath mattress. Either side of the berth are vanity lockers and upholstered seats. Aft of berth to port & starboard are hanging loc with internal lights. Aft to port is a full-length mirror. To starboard is an en-suite access to the forward hea Access to the foredeck via a deckhead hatch. Additional stowage can be found in a useful removable bin the bilge-space.

Twin Guest Cabin:

Two single berths running athwartships. Stowage beneath berths accessed in drawers. Central locker with hanging locker behind and mirror on door. Door to central lower corridor.

Forward Heads:

Accessible from central lower corridor or via en-suite door from VIP cabin. Single Corian inset sink with marble surround. Lockers above and below sink tops with mirror. Hot & cold pressurised water supply. Manual marine heads. Dedicated shower cubicle with seat, teak grated floor and locker stowage.

Lower Helm Station:

Forward of the main saloon area and accessed from the forward lower corridor via 4 steps. To starboard of companionway is the main helm station with full engine & throttle controls, engine gauges and navigati instruments. Variable speed control for windscreen wipers. To port is a large chart-table area. At deckhea a teak panel with various navigation instruments mounted. To port & starboard are 2-person upholstered bench seats. To starboard is a watertight sliding door to the sidedeck.

Saloon:

To starboard are two single chairs with a locker & counter between with a large teak drinks cabinet forwa beneath helm seat. Aft is a teak cabinet and curved staircase to aft deck with solid teak banister. To port large U-shaped settee with extensive stowage beneath. The saloon table is solid teak with a stainless ste height-adjuster, allowing conversion to a large double berth with supplied infill cushion. Teak grabrails at deckhead.

Engine room:

Located beneath the saloon. Accessed from forward lower corridor and galley via removable panels and hinged steps or via saloon sole through removable floor-panels. Natural ventilation via topsides grills (with manual shut-off in case of fire) and forced ventilation & extraction via 12v fans. The engine room benefits from extensive insulation to protect guests from heat & noise. Between the engines is an aluminium cheq plate walkway. Generator, watermaker, water-heater and battery charger are located at the forward end.

Dinette:

Accessed via 4-steps down from saloon. A large L-shaped settee is located to starboard with stowage beneath, stowage cupboards above and outboard and book-shelving above. An extendable solid teak table lowers with a stainless steel height adjuster allowing conversion to a large single berth. When used as a berth.

Galley:

Directly opposite Dinette to port. U-shaped worktop to port with twin stainless steel sinks inset. Twin front-opening fridges. Extensive stowage is found in lockers, cupboards and drawers above and below the worktop.

Master Cabin:

Accessed from the dinette, this extremely large owner's cabin centres around a sizeable diagonal-positioned double berth with small bedside cabinets either side. To port is a full-length hanging locker with a desk/dressing table aft complete with upholstered seat. To starboard is a double full-length hanging locker. Access to ensuite heads is forward to port.

En-Suite Heads:

Accessed from the port side of the Master Cabin. Single marble inset sink with Corian surround. Lockers above and below sink tops with mirror. Hot & cold pressurised water supply. Manual marine heads. Dedicated shower cubicle with teak grated floor and teak/plexiglass sliding partition door.

Deck Accomodation

Foredeck:

Teak laid deck. Deck-mounted anchor windlass with chain dropping to chain locker.

Sidedecks:

Wide sidedecks running aft to steps up to aft deck. GRP bulwark with teak-capped guardrails. Stainless steel grabrails mounted to superstructure sides. Sliding door access to starboard lower helm position.

Flybridge:

Accessed via teak & stainless steel staircase on port side of aft deck. GRP bench seating with stowage below. Central helm seat. Upper helm position with lockers to port & starboard. Stainless steel framed bimini above. GRP radar/antenna arch to the aft end.

Aft deck:

Large teak laid level deck area. L-shaped GRP seating with free-standing solid teak varnished dining table to port. GRP deckbox/seating to starboard. Additional directors-chairs for al-fresco dining. Access to bathing platform on via stainless steel & teak ladder. The aft deck is covered by a GRP solid bimini running aft of flybridge with inset lighting and stainless steel grabrails.

Steppe althorn to bathing platform

Covers for directors chairs, L-shaped seating and padded cover for dining table.

A beautifully presented Trader 54, Simplicity comes to the market with all annual servicing and maintenance completed in June 2021. The spacious accommodation of the Trader 54 makes it one of the most sought-after models. Following a major refit on purchase in 2010-11, the owners have upgraded and maintained this Trader 54 Sundeck to a very high standard. Including re-upholstered saloon and dinette seating, many upgrades to navigation equipment, installation of a stern thruster, and many other mechanical improvements. Built under the close supervision of her owner's own marine surveyors, both at the build-yard in Taiwan and whilst being commissioned in Emsworth UK, Simplicity is certainly far from the average Trader 54

