

TRADER 42 SIGNATURE

Principal Dimensions

Length Overall	43.5 ft	13.3 m
Moulded Hull Length	42.5 ft	13.0 m
Waterline Length	36.5 ft	11.2 m
Draft	3.9 ft	1.2 m
Beam	14.3 ft	4.30 m
Air Draft (mast down)	11.5 ft	3.5 m
Displacement (light)	13.8 tons	14,000 kg

Capacities

Fuel	450 US gall	1,700 lt
Fresh water	160 US gall	600 lt
Calorifier	17 US gall	64 lt
Holding Tank	66 US gall	250 lt
Batteries (engine start)	225 a.H.	
Batteries (service)	540 a.H.	
Engines	380HP	
	(2 x Cummins QSB6.7)	

RCD Category A

DIMENSIONS, CAPACITIES AND FEATURES LISTED FOR STANDARD BOAT. DISPLACEMENT IS AFFECTED BY OPTIONAL EQUIPMENT, OWNER'S GEAR AND CREW ON BOARD.

Specifications

EXTERIOR

Hull

- The hull, deck superstructure and roof in three separate GRP mouldings
- Heavy hand lay-up using woven rovings and chop strand mat with integral stiffening and cored topsides. Vinylester barrier layer in underwater sections
- Four full width composite bulkheads bonded to hull and deck, complete with bonded longitudinals with hardwood inserts which form the engine bearers complete the hull stiffening
- All skin fittings on or below the waterline are in bronze, complete with gate valve
- Anodes – transom mounted and on rudders, bonded to all major underwater fittings
- Hull epoxy treatment
- Stainless steel opening portholes in fwd cabin
- Frameless windows with round opening windows in Master Cabin and Master Head
- Coloured boot top and stripes
- Full perimeter stainless steel rub rail
- Integrated GRP bathing platform with hinged swim ladder
- Large outward opening transom port (escape size)
- Antifouling

Superstructure*

- Deck superstructure bolted and bonded to hull along bulwark line, with the joint capped in stainless steel
- Forward coach roof in non-slip GRP with inserts for sunpads, cupholders and handrails
- Weathertight sliding wheelhouse door
- Frameless exterior windows in safety glass, bonded into superstructure moulding
- Twin skylights, bonded into roof moulding
- Stainless steel foredeck hatch (escape hatch size)
- Grab rails on roof moulding and mast
- Folding GRP mast with s/s fittings for navigation equipment
- TRADER stainless steel badges
- Two part windscreen in stainless steel (curved front panels)
- Windscreen washers and wipers system

Main Deck*

- Main deck sheathed in prime quality teak with PRC caulking compound between planks
- Perimeter stainless steel handrails
- Side deck gates, with integral boarding steps
- Teak bow step with stainless steel bow flag staff
- Teak laid side and fore decks
- Raised bulwark around bow
- Deck fillers for fuel (2), Fresh water (1) and holding tank pump out (1)
- Low level side deck lighting

Aft Deck & Bathing Platform*

- Aft deck sheathed in prime quality teak with black caulking compound between planks
- Integrated teak laid bathing platform with 'Sea stair' access to aft deck
- Main helm with integrated dash moulding including instruments, controls, cupholders and stowage
- Twin helm seats (adjustable) to stbd on platform with storage under
- Viewing seat to port on platform
- Drinks fridge
- Aft deck access to saloon, via sliding hatch
- Transom seat, with integrated folding teak table
- GRP mast for mounting navigation equipment (hinged)
- Teak ensign staff with stainless steel base
- Raised bulwark round aft deck, topped with stainless steel rail
- Twin transom GRP gates with S/S latches
- Fixing point for passerelle/crane (optional)
- Transom wing handrails
- Deck lighting in underside of mast, low level round deck and on sea stair steps
- 'Sea stair' down to bathing platform
- Locker for transom shower
- Locker for shorepower connection
- Teak laid bathing platform
- S/S boarding ladder in bathing platform

Anchoring, Mooring & Tender Equipment

- Raised bow platform with for easy access to anchor and deck fittings, with anchor roller, self launcher and chain stopper in stainless steel
- Electric windlass with 2-way remote control and counter at helm and deck foot switches
- 60 metres calibrated galvanized 10mm chain
- 27kg CQR type bow anchor stainless steel
- Twin foredeck hatches to chain locker, with lift out GRP storage bins
- Salt water deck wash
- Mooring bollards on raised platforms forward with fairleads
- Mooring bollards on raised platforms aft with roller fairleads
- Spring cleats, two each side
- Transom cleats, one each side
- 4 Fenders complete with lanyards
- Concealed fender lockers under forward side decks
- 2 warps – 40' long
- Twin electric horn unit
- Hand bell
- Boat hook

Exterior Canvas

- All external seating made in marine grade vinyl with mesh bases
- Adjustable helm seats (two)

- Transom seat
- Foredeck sunpads
- Two part folding bimini/sprayhood and window panels
- Aft panel helm enclosure with door and window panels
- Windscreen covers (see through mesh type)
- Exterior helm console cover

INTERIOR

General Arrangement

- Handcrafted teak joinery, with controlled drawer runners and cupboard hinges and push-lock catches
- Teak internal doors with solid frames, concealed hinges, door handles with privacy locks
- Timber laid main deck floor
- Carpet with teak borders flooring in accommodation deck
- Teak laid floor in heads
- Rubber non-slip treads on internal steps
- Vinyl ceilings
- Opening portholes in all cabins
- Interior curtains to saloon side windows and all cabin portholes (lined)
- Main Control panel with tank level gauges, AC/DC selectors and distribution panels by aft stairwell
- Deck head LED lighting
- Step lights on internal stairwells
- Rope lighting behind pelmets in master and VIP cabins and around double berths
- Switches & sockets
- Choice of upholstery

Saloon & Galley

- Flush fitting pilot door to stbd side deck
- Raised settee with stowage underneath to port, upholstered in synthetic leather on raised plinth with swing out stool
- Sliding teak table on s/s base
- Overhead teak handrail
- Staircase to aft deck
- Staircases to fwd and aft lobbies
- Clock and Barometer
- Synthetic stone galley counters
- Large work top with inserts for sink bowls and cover for hob
- Deep stainless steel double sink with GROHE faucet
- Plentiful dedicated galley stowage
- MIELE Recessed ceramic hob
- MIELE Electric combination oven/microwave
- Under counter fridge/freezer (7.5cu.ft/210l)
- Extractor fan
- Over counter lights
- Flat TV /DVD player in cupboard - screen concealed above counter top
- Hi-Fi system, saloon, and aft deck with 4 speakers, CD player and Wifi receiver and external controls on aft deck
- Washer/dryer in fwd lobby

Master Cabin

- Copious storage, including cedar lined full length hanging lockers with internal lights and drawers in bed
- Additional storage/wet locker in aft lobby, with louvered doors
- Mirror on fwd bulkhead
- Dressing table with seat
- Double berth with mattress
- Padded headboard
- Hull and transom window with curtains (lined)
- Reading lights for each berth
- Wall lights
- Flat TV/DVD

VIP Cabin

- Copious storage, including cedar lined full length hanging lockers with internal lights and drawers under berth
- Double berth with mattress
- Padded headboard
- Portholes with curtains (lined)
- Concealed mesh/black out blind on overhead foredeck hatch
- Reading lights for each berth
- Wall lights

Heads

- Showers with GROHE mixer taps, soap holders, separate drain trays and scrubbed teak seat in master
- Wash basins with GROHE faucets
- Bi-folding shower doors
- Washstand in timber finish
- Venetian blinds in co-ordinated timber finish
- Synthetic stone counter tops
- Vanity mirrors
- Co-ordinated rails and accessories
- Shaver sockets in both heads
- Extractor fans in both heads

ENGINEERING SYSTEMS

Main Engines and Propulsion

- Twin CUMMINS diesel engines, close coupled to handed reduction gear boxes
- SEATORQUE STM3 BOSS™ enclosed shaft system with integral thrust bearings and flexible engine couplings
- Engines mounted on TRELLEBORG extra soft mounts for engine vibration isolation
- CUMMINS SMARTCRAFT Engine monitoring with digital display and analogue gauges at helm
- Engines are fresh water cooled, with salt water cooled heat exchanger and water jacketed exhaust manifold engine and gear box oil coolers
- CUMMINS Single lever electronic throttle and gear controls, with Cummins Inboard Joystick
- Water injected exhaust system, with dual chamber silencers

- Cleanable bronze sea water strainers to each engine
- Four bladed handed turbine profile props in bronze, secured to propeller shafts by taper key and nuts
- 12 volt electrics, negative earth
- 24 V 160KGF electric bow thruster integrated with CUMMINS Joystick control system
- Trim tabs with indicator controls

Engine Room

- Located under the saloon sole, accessed via watertight door from engineroom lobby, large removable floor panels give clear access for major service in overhead
- Utility area forward, accessed from fwd lobby
- Forward access door with watertight s/s door with window
- Natural ventilation through topside and superstructure grills, with natural and forced extraction systems, and full remote vent closures to seal engine room
- Completely soundproofed
- Heavy barrier coat hull insulation under aft accommodation compartment
- Flowcoat to bilge surfaces, moulded chequerplate walkways
- Engine room extractor fans
- Master battery switch
- Colour coded wiring with multi-strand copper conductors
- DC and AC overhead lighting

Steering System

- Hydraulic steering with variable ratio helm units
- Twin fabricated stainless steel rudders carried in lower and upper bearings complete with emergency tiller steering
- All pipe work is in copper, except for the length between the check valves and the ram, which is in correctly rated hydraulic hose

Fuel System

- Twin aluminium fuel tanks complete with balance pipe, deck fillers and breathers, tank mounted sight gauges with fuel shut offs
- Fuel system layout allows either engine to draw from either tank
- Fuel pipe work to engine via filters with water traps
- Fuel gauges at helm for wing tanks

Domestic Water System

- Water tank aft, complete with deck filler, breathers, electronic level gauge and sight gauge
- Hot water is heated in Calorifier, by Engine cooling water, Electric Immersion heater or Diesel boiler
- Fresh water service lines (hot and cold)
- Electric pressure pump and accumulator set
- Water tank gauge in galley

Domestic Central Heating System & Air Conditioning System

- Diesel boiler intergrated with engine cooling water system to heat central heating system and hot water system

- 2 Speed fan heaters connected to the central heating system in saloon, cabins & heads
- Aluminium radiator in master cabin connected to central heating system
- Helm windscreen demister and console mounted heating outlets connected to central heating system
- Ducting, Plumbing and Wiring prefitted throughout boat for Airconditioning System

Toilet, Waste & Bilge System

- 2 shower sump pumps
- Luxury electric toilets in both heads
- GRP Holding tank with macerator, contents gauge at lower helm and deck pump out. Vented, with filter. Shut off valve between tank & pump
- Four automatic bilge pumps
- Manual bilge pump

Electrical System

- Vessel wired for 220v/240v sockets (ring main)
- All circuits throughout the vessel are protected by circuit breakers complete with volt and amp meters mounted on distribution panel
- All wiring throughout the vessel is multi-stranded copper, sheathed, colour coded and run in looms
- ONAN 7 kW MDKBL Diesel Generator with sound shield
- Installation, includes remote digital display, exhaust muffler, water trap and anti syphon loop
- MASTERVOLT AGM 12v batteries throughout. 1 x 225aH @12v engine start bank and 2 x 270 aH@12v domestic service bank, with battery parallel button
- MASTERVOLT Charger/inverter – 100amp charge and 2kW inverter
- MASTERVOLT Remote control panel for charger/ inverter monitoring on main control panel
- Waterproof shorepower socket for shore line connection provided
- Battery master and AC selector in electric panel
- MASTERVOLT 2 x 130 aH AGM batteries in parallel creating 24v DC for servicing the bow thruster and generator charge system.
- MASTERVOLT Battery Charger: Chargemaster 24/20 charging the Genertor/bowthruster battery bank
- MASTERVOLT DC-DC converter: Magic 12/24-10 charging the Generator/bowthruster battery bank

Emergency Equipment

- Navigation lights: port, starboard, steaming, stern and anchor
- Twin trumpet electric air horn unit
- Radar reflector (powered)
- Bilge pump monitoring (display at helm)
- High level bilge alarms (display and alarm at helm)
- Exhaust overheat alarms (display and alarm at helm)
- Emergency tiller
- Emergency shut-offs for fuel & engine room vents
- Manual emergency bilge pump

- Automatic fire extinguisher in engine room, with manual discharge and status display at helm
- 4 hand held powder fire extinguishers in accommodation
- Fire blanket in Galley
- AC Shorepower connected warning light on helm panel

NAVIGATION SYSTEMS

Helm Station

- Full engine controls and instruments
- Major compass with night illumination
- Variable speed windscreen wipers with washers
- 12v accessory socket

Navigation Aids

- RAYMARINE Log with speed, distance and trip
- RAYMARINE Echo-sounder with alarm
- RAYMARINE Autopilot with gyro compass
- RAYMARINE 48 mile Radar / Plotter with 12" display

Communications

- RAYMARINE VHF with DSC
- TV antenna (powered)
- FM/AM antenna
- Waterproof Shore TV socket

OPTIONS

- Engine option: Twin CUMMINS QSB6.7 @ 425hp
- Engine option: Twin CUMMINS QSB6.7 @ 480hp
- Coloured Hull
- Extended Bathing Platform
- Powered Hinged Mast (std version only)
- BBQ unit on aft deck
- Hinged dinghy davit
- Hydraulic passarelle
- Full aft deck enclosure
- Full set of window covers in SUNBRELLA
- Air Conditioning
- Three cabin layout
- Interior helm station

Trader Motor Yachts policy is one of continuous development and improvement. We therefore reserve the right to alter the specification without prior notice.