

Technical specifications

42 CS

building dreams together



Contest
YACHTS

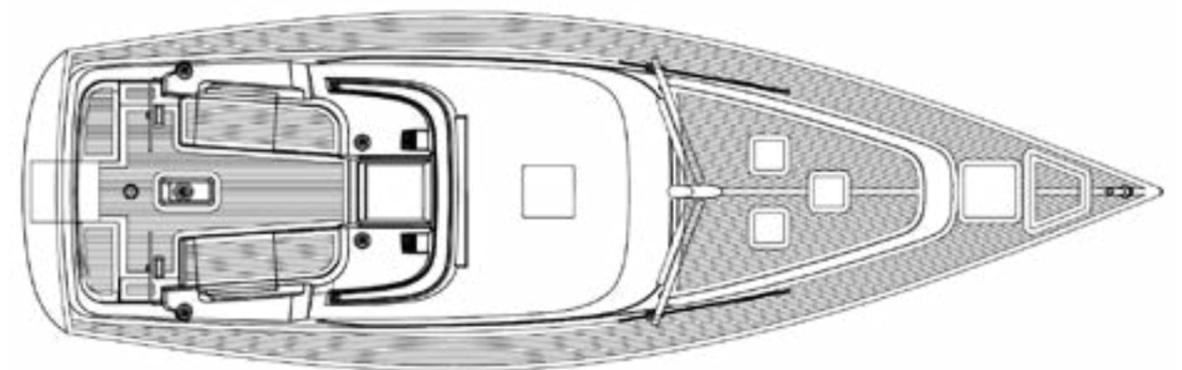
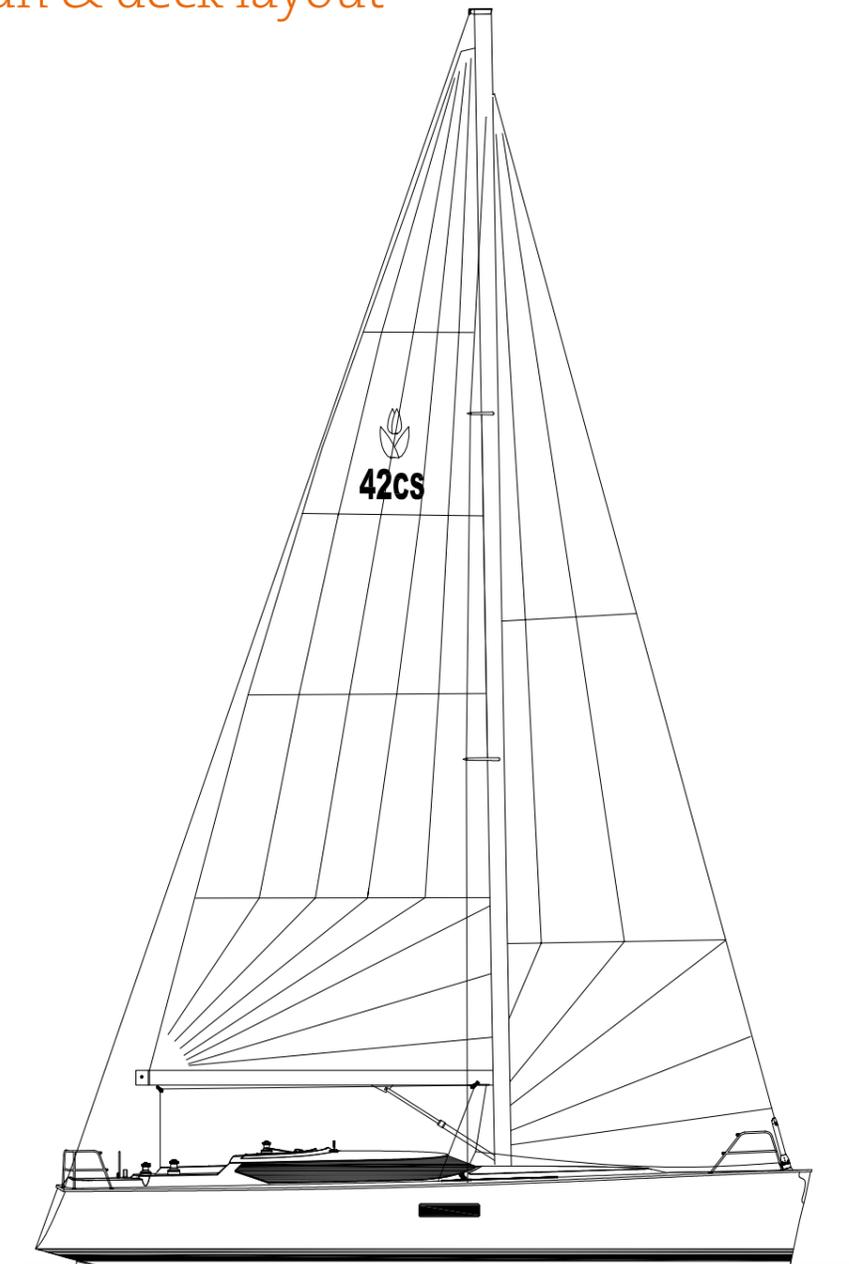
42CS 45CS 50CS 55CS 57CS 62CS 67CS 72CS 85CS 52MC

building dreams together

Together we make boating ambitions a reality... so you can embrace your own personal dream. Working closely with owners, every single Contest yacht, both motor and sail, is designed and detailed to match individual desires. Together we begin with meticulous preparation, involving specialists and suppliers for every aspect and element. Founded in 1959, and with the stability of the third generation of the same boatbuilding family, we run our yard in Medemblik, Holland with a highly skilled team of accomplished, caring craftsmen to hand-build yachts from 42ft to 85ft (13m-26m). A Contest yacht brings pride in performance and confidence in the roughest of conditions. Together the ideal combination.

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Sail plan & deck layout

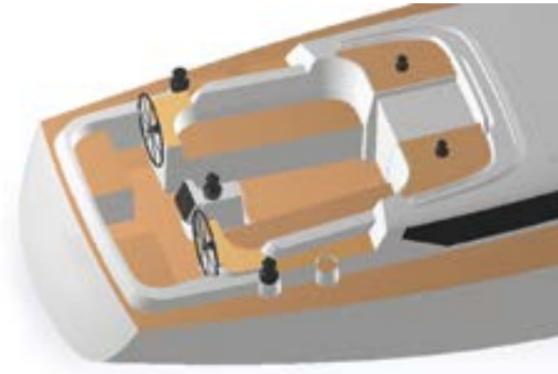




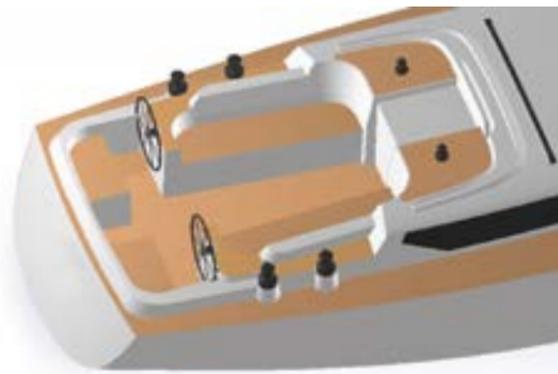


Exterior layout

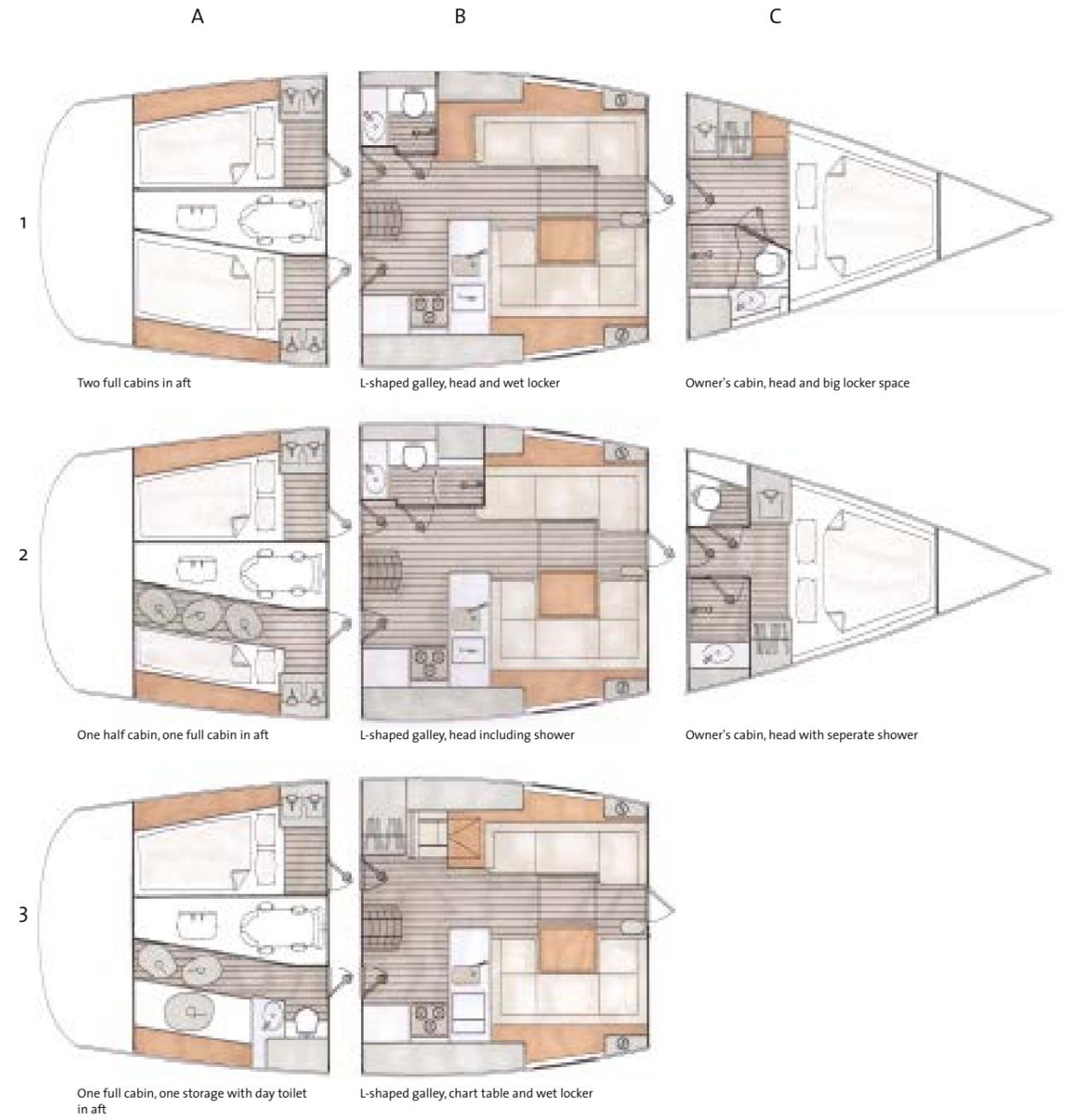
SHORTHANDED WITH LOUNGING COCKPIT



PERFORMANCE CRUISING WITH LOUNGING COCKPIT



Interior layout



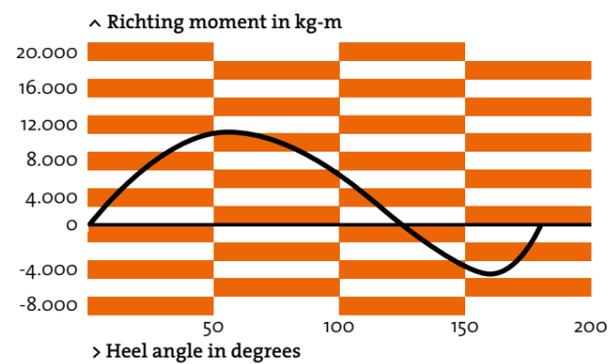
1

Main dimensions

Specifications

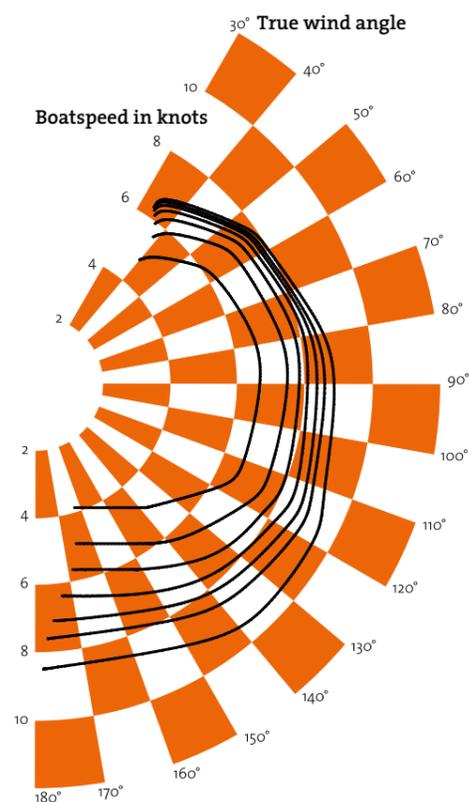
Length overall	12.85m	42.15ft
Length waterline	11.76m	38.63ft
Maximum beam	4.15m	13.61ft
Displacement	11,000kg	24,251lb
Draft standard keel	2.20m	7.21ft
Draft shallow keel	1.80m	5.90ft
Shorthanded/ Performance Cruising		
Mast height above waterline	22.09m	72.5ft
Mainsail	57m ²	613ft ²
Genoa 108%	47m ²	506ft ²
Fuel tank	226/88lt	49.7/19.4imp. gal
Water tank	381lt	83.8imp. gal
Engine, Yanmar	40kW	54hp

Stability curve



Polar performance diagram

Curves from in- to outside are calculated at 6, 8, 10, 12, 14, 16 and 20 knots true windspeed.



2

Construction

2.1 General

Hull and deck are made of high quality materials. Several interior arrangements are available within the structural bulkheads and keel grid.

2.2 Hull

- ▶ Hull in sandwich, vacuum infused composite with the Conyplex vacuum infusion system®.
- ▶ Laminate consisting of quadraxial and biaxial E-glass for inner and outer skins, infused with vinylester resin.
- ▶ Local unidirectional E-glass reinforcements.
- ▶ Solid laminate in structural areas like the keel area.
- ▶ First layer after gelcoat is a special barrier coat.
- ▶ Structural bulkheads fully bonded to hull and deck.
- ▶ Two year warranty.
- ▶ Hull: gelcoat white.
- ▶ Stripe and waterlines: colour owner's choice.
- ▶ Antifouling: two layers.

2.3 Deck

- ▶ Deck in sandwich, vacuum infused composite with the Conyplex vacuum infusion system®.
- ▶ Deck: gelcoat white.
- ▶ Laminate consisting of quadraxial and biaxial E-glass for inner and outer skins.
- ▶ Local unidirectional E-glass reinforcements.
- ▶ Solid laminate in structural areas where deck equipment is fitted.
- ▶ Anchor locker in composite with gelcoat finish and teak covered deck hatch.
- ▶ Teak toe rail, cockpit seats, cockpit floor and teak detailing around the cockpit.

2.4 Construction

- ▶ Vacuum infused composite longitudinals in sandwich, using the Conyplex vacuum infusion system®.
- ▶ Hull stiffeners consisting of quadraxial and biaxial infused E-glass fully bonded.

2.5 Keel

- ▶ Performance keel with bulb in lead.
- ▶ Keel bolted through solid laminate using stainless steel bolts.
- ▶ Keel floors in sandwich, vacuum infused composite with the Conyplex vacuum infusion system®.

2.6 Rudder

- ▶ Fully balanced composite spade rudder.
- ▶ Fibre orientated rudder laminate.
- ▶ Aluminium anodised rudderpost.
- ▶ JEFA rudder bearings.
- ▶ JEFA steering system.

3 Deck layout

3.1 Cockpit

- ▶ Two helmsman positions.
- ▶ Large separated guest cockpit, suitable for eight people sitting.
- ▶ Winches and sheets situated within reach of helmsman's position.
- ▶ Free walkway from cockpit to bathing platform.
- ▶ Three cockpit stowage lockers.
- ▶ Pad eyes for safety harnesses mounted in cockpit.

3.2 Hatches and windows

- ▶ Two flush hull windows.
- ▶ Panoramic windows in saloon.
- ▶ Opening portlights in panoramic window.
- ▶ Opening flush skylight hatches.
- ▶ Opening skylight hatch in coach roof.
- ▶ Opening portlights in cockpit.

3.3 Deck hardware and equipment

- ▶ Stainless steel 316 stem head fitting.
- ▶ Stainless steel 316 guardrails 62cm high with two wires.
- ▶ Stainless steel 316 bathing ladder.
- ▶ Stainless steel 316 fillers.
- ▶ Stainless steel 316 handrails on cabin roof.
- ▶ Stainless steel 316 anti-chafe rails below mooring cleats.
- ▶ Stainless steel 316 mooring cleats: two cleats forward, two cleats amidships and two cleats aft.
- ▶ Flagpole with stainless steel 316 support.
- ▶ Aluminium emergency tiller.
- ▶ Self-draining gas bottle locker in deck. Including one bottle with gas regulator valve. Extra space for second bottle in locker.
- ▶ Four fenders with socks and ropes.
- ▶ Four 20m 16mm mooring warps.

3.4 Sailing hardware

- ▶ Deck fittings.
- ▶ Aluminium winches throughout.
- ▶ Two self-tailing halyard winches in cockpit near entrance.
- ▶ Winch handles.
- ▶ Foldable chain plate on deck for removable cutter stay.

3.5 Anchor system

- ▶ Integrated anchor launching system in bow.
- ▶ Electric anchor winch.
- ▶ 20kg Delta anchor with 50m galvanised 10mm anchor chain.

3.6 Steering system

- ▶ Twin composite steering pedestals with stainless steel steering wheels with leather covers.
- ▶ Compass.

4 Mast, rigging & sails

4.1 Mast

- ▶ Selden spars, keel stepped, sloop rigged with silver anodised finish.
- ▶ Swept back spreaders.
- ▶ Slab reefing system.
- ▶ Reefing lines led aft to the cockpit.
- ▶ Selden MDS Car system.
- ▶ LED navigation lights on deck.
- ▶ Masthead light 3-colours with anchor light.
- ▶ Deck light.
- ▶ Steam light.
- ▶ Windex in mast top.

4.2 Rigging

- ▶ Genoa furling system manual.
- ▶ Standing rigging in stainless steel wire 1x19.
- ▶ Backstay tensioner.
- ▶ Rodkicker.
- ▶ Genoa manual furling system Furlex.
- ▶ Main sheet 12mm, winches situated within reach of the helmsman.
- ▶ Genoa sheets 12mm, winches situated within reach of the helmsman.

4.3 Sails

- ▶ Mainsail, fully battened, slab reefing by North Sails.
- ▶ Furling genoa by North Sails.

5 Interior

5.1 General

As with all Contest Yachts the interior will be fully made at our own yard in Medemblik, with great attendance to flexibility and detailing.

5.2 Standard features

- ▶ Light oak joinery.
- ▶ Oak floor.
- ▶ Matt varnished.
- ▶ Chrome fittings throughout.
- ▶ Padded side panelling.
- ▶ Padded sections throughout the boat.
- ▶ Shower stalls with thermostatic mixer.
- ▶ Doors with anti-rattle door locks.
- ▶ Corian worktops in galley.
- ▶ Corian tops in each head with washbasins.
- ▶ Design taps.
- ▶ Three-burner cooker with oven and grill fitted on gimbals (stainless steel).
- ▶ Quality upholstery, colour to owner's choice.
- ▶ Quality curtain blinds for portholes.
- ▶ Lee cloths in all berths.
- ▶ Overhead lights in all cabins.
- ▶ Red navigation light above chart table.
- ▶ Reading lights on bulkhead owner's cabin
- ▶ Careful noise reduction throughout.
- ▶ Engine room well insulated.
- ▶ Comfortable mattresses in all cabins.
- ▶ Waste bin in galley.
- ▶ Extensive mirrors in heads.

6.1 Engine

- ▶ Spacious engine room with easy access from side passage.
- ▶ Yanmar 4JH57, 42kW (57hp) 3000 rpm 4 cylinder common rail diesel engine.
- ▶ Indirect cooling.
- ▶ Yanmar SD60 sail drive.
- ▶ Single lever gears throttle control on starboard steering pedestal.
- ▶ Engine panel fitted in cockpit including rev. counter, oil pressure- temperature- and charge alarm, start and stop buttons.
- ▶ Water cooled exhaust with water lock.
- ▶ Three bladed propeller in bronze.
- ▶ Engine room insulated with combined drone- and sound absorbing insulation.
- ▶ Engine room ventilation by double electric ventilators and natural ventilation grills.

6.2 Fuel system

- ▶ Fuel tank capacity 226 litres + optional day tank 88 litres.
- ▶ Water suction point on fuel tank with separate drain pump.
- ▶ Fuel filter with water separator. Acoustic and visual "water in fuel" alarm.
- ▶ Diesel tank level gauge on touch screen.

6.3 Fresh water system

- ▶ Pressurized hot & cold water system.
- ▶ Water tank capacity 381 litres.
- ▶ Water heater 40 litres with heat exchanger to engine and 750 W immersion heating element.
- ▶ Mixer taps in galley and heads.
- ▶ Water tank level gauge on touch screen.

6.4 Bilge system

- ▶ Triple bilge system in keel (electric), engine room (manual) and garage (electric).
- ▶ Grey water pump equipped with flexible hose for water discharge in any compartment.

6.5 Black & grey water system

- ▶ Two manual flush seawater toilets.
- ▶ Separate black water system in front and aft ship.
- ▶ Indicator on black water tank indicating full or empty.
- ▶ Shower stalls with automatic drain.
- ▶ Separate grey water system in front and aft ship.

6.6 Refridgeration system

- ▶ Refrigerator in galley.

6.7 Ventilation system

- ▶ Forced ventilation system in engine room.

6.8 Safety equipment

- ▶ Gas valve manual.
- ▶ Two foam fire extinguishers 2kg.
- ▶ Fire blanket.
- ▶ Fire port in engine room wall, for portable fire extinguisher.
- ▶ Smoke detection.

7.1 AC/DC systems

- ▶ 12 VDC and 230 VAC system on board.
- ▶ Standard energy pack:
 - ▶ Service batteries 420 Ah | 12 VDC
 - ▶ Start battery engine 50 Ah | 12 VDC
 - ▶ Battery charger service batteries 100 A | 12 VDC
 - ▶ Start battery charged by service batteries charger 10 A | 12 VDC
 - ▶ Monitoring display batteries
 - ▶ Alternator 125 A | 12 VDC start- and service batteries
 - ▶ 230V - 50 Hz shore power connection:
 - ▶ Shore power 16 A
 - ▶ Shore power socket for 230 VAC | 50 Hz shore power
 - ▶ Cable 25m with 3-pole CEE 16 A connector
- ▶ 230V socket in each cabin/compartment.
- ▶ All sea cocks under waterline are grounded.

7.2 Main switch panel

- ▶ All main switches operated from the touch screen.
- ▶ All navigation lights with control LED's operated from the switch panel.
- ▶ Tank level gauges situated at the switch panel.
- ▶ Tank level gauges integrated in the touch screen.
- ▶ Alarms on touch screen (overriding all pages) for:
 - ▶ Water in boat
 - ▶ Water in fuel
 - ▶ Battery level
 - ▶ Black water tanks
- ▶ Switch for navigation lights on engine/sailing/anchoring.

Owner's manual**Certification**

- ▶ The boat is CE certificated category A (unlimited ocean voyages).
- ▶ Lloyd's certificate on hull.

The Range



MAIN DIMENSIONS 42CS

Length overall	12.85m	42.15ft
Length waterline	11.76m	38.63ft
Maximum beam	4.15m	13.61ft
Displacement	11,000kg	24,251lb



MAIN DIMENSIONS 45CS

Length overall	13.70m	44.9ft
Length waterline	11.64m	38.19ft
Maximum beam	4.10m	13.3ft
Displacement	13,500kg	27,760lb



MAIN DIMENSIONS 50CS

Length overall	14.99m	49.18ft
Length waterline	13.13m	43.08ft
Maximum beam	4.58m	15.03ft
Displacement	17,500kg	38,580lb



MAIN DIMENSIONS 55CS

Length overall	17.00m	55.77ft
Length waterline	15.83m	51.94ft
Maximum beam	5.02m	16.47ft
Displacement	26,000kg	57,320lb



MAIN DIMENSIONS 57CS

Length overall	17.23m	56.5ft
Length waterline	15.55m	51.0ft
Maximum beam	5.12m	16.8ft
Displacement	27,900kg	61,508lb



MAIN DIMENSIONS 62CS

Length overall	19.18m	63.9ft
Length waterline	16.80m	55.1ft
Maximum beam	5.45m	17.9ft
Displacement	31,000kg	68,563lb



MAIN DIMENSIONS 67CS

Length overall	20.37m	66.81ft
Length waterline	18.50m	60.83ft
Maximum beam	5.65m	18.5ft
Displacement	39,500kg	87,081lb



MAIN DIMENSIONS 72CS

Length overall	21.80m	71.5ft
Length waterline	18.99m	62.3ft
Maximum beam	5.70m	18.7ft
Displacement	46,604kg	102,744lb



MAIN DIMENSIONS 85CS

Length overall	25.82m	84.7ft
Length waterline	23.17m	76.02ft
Maximum beam	6.40m	21ft
Displacement	53,900kg	118,830lb



MAIN DIMENSIONS 52MC FASTLANE

Length overall	15.93m	52.26ft
Length waterline	14.60m	47.9ft
Maximum beam	4.60m	15.09ft
Displacement	16,600kg	36,596lb
Maximum height above waterline	2.88m	9.45ft



MAIN DIMENSIONS 52MC FLYBRIDGE

Length overall	15.93m	52.26ft
Length waterline	14.60m	47.9ft
Maximum beam	4.60m	15.09ft
Displacement	18,450kg	40,675lb
Maximum height above waterline	3.74m	12.27ft



MAIN DIMENSIONS 52MC OPEN T-TOP

Length overall	15.93m	52.26ft
Length waterline	14.60m	47.9ft
Maximum beam	4.60m	15.09ft