

Technical specifications

67 CS

building dreams together



Contest
YACHTS

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

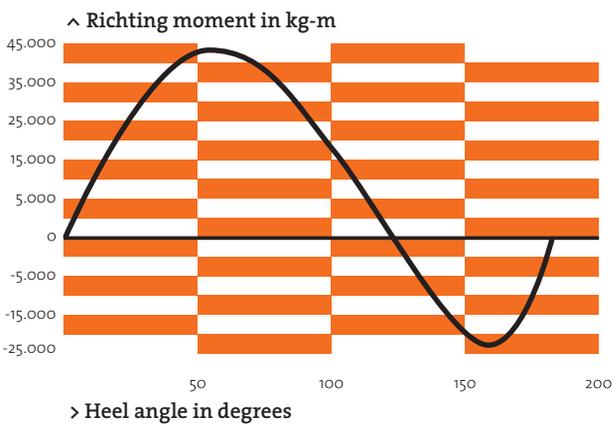
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Main dimensions

Specifications

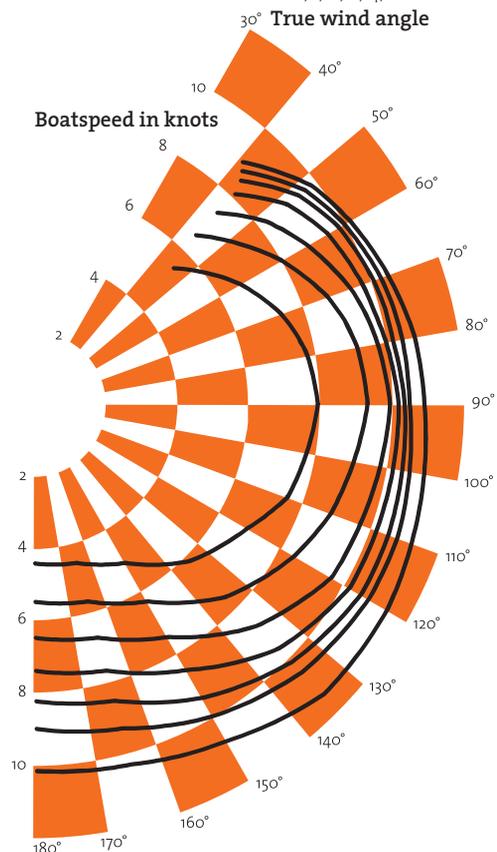
Length overall	20.37m	66.81ft
Length overall including bowsprit	21.71m	71.22ft
Length waterline	18.50m	60.83ft
Maximum beam	5.65m	18.5ft
Displacement	39,244kg	86,518lb
Draft standard keel	2.95m	9.67ft
Ballast standard keel	13,500kg	29,762lb
Mast height above waterline	30.75m	100ft
Main sail	131m ²	1,410ft ²
Genoa 111%	102m ²	1,098ft ²
Fuel tank	1,590lt	349.8imp.gal
Water tank	988lt	217.3imp.gal
Engine, Volvo Penta	130kW	177hp

Stability curve



Polar performance diagram

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



2.1 General

Hull and deck are made of high quality materials. Several interior arrangements are possible within the structural bulkheads and keel grid. Two separate watertight bulkheads are foreseen in every interior arrangement.

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.
- ▶ One year warranty.
- ▶ Hull: gelcoat white.
- ▶ Stripe and waterlines: colour owner's choice.
- ▶ Name and homeport on stern.
- ▶ 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.
- ▶ Deck lockers and anchor locker in composite with gelcoat finish and teak covered deck hatches.
- ▶ 12mm hand laid teak deck, toe rail, cockpit seats, cockpit floor and teak detailing around the cockpit.

2.4 Construction

- ▶ Vacuum infused composite structural bulkheads in sandwich, using the Conyplex vacuum infusion system®.
- ▶ Vacuum infused composite longitudinals in sandwich, using the Conyplex vacuum infusion system®.

2.5 Keel

- ▶ Performance keel with bulb. Fin in cast iron, 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 (JEFA).
- ▶ Stainless steel rudderpost.
- ▶ JEFA rudder bearings.
- ▶ JEFA steering system.

3.1 Cockpit

- ▶ Two helmsman positions.
- ▶ Large guest cockpit, suitable for twelve people sitting.
- ▶ Two cockpit tables with stainless steel 316 support for table and canvas cover for UV protection.
- ▶ Winches and sheets situated within reach of helmsman position.
- ▶ Free walkway from aft deck to guest cockpit.
- ▶ Pad eyes for safety harnesses mounted in cockpit and helmsman position.
- ▶ Transom door with remote control.
- ▶ Steering seats.

3.2 Hatches and windows

- ▶ Four flush hull windows.
- ▶ Chemical hardened, laminated panoramic windows in saloon.
- ▶ Opening flush skylight hatches.
- ▶ Opening skylight hatches in coach roof.
- ▶ Opening port lights in cockpit.
- ▶ Flush teak covered deck hatches.

3.3 Deck hardware and equipment

- ▶ Stainless steel 316 stem head fitting.
- ▶ Stainless steel 316 guardrails 75cm 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 gateway stanchions amidships.
- ▶ Stainless steel 316 mooring cleats; two cleats forward, two cleats amidships, two cleats aft and two fairleads on stern.
- ▶ Seats with stainless support on push pit.
- ▶ Sprayhood with stainless steel frame.
- ▶ 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.
- ▶ Boat hook in aluminium stowed on lower shroud.
- ▶ Shower hot/cold at aft ship.
- ▶ Eight fenders with socks and ropes.
- ▶ Four 20m 16mm mooring warps.
- ▶ Two 25m 18mm mooring warps.

3.4 Sailing hardware

- ▶ Deck fittings.
- ▶ Central self-tailing mainsail winch.
- ▶ Two genoa winches electrical.
- ▶ Two self-tailing halyard winches on mast.
- ▶ Winch handles.

3.5 Anchor system

- ▶ Integrated anchor launching system in bow.
- ▶ Electric anchor winch.
- ▶ 50kg Delta anchor with 90m galvanised 13mm anchor chain.
- ▶ Anchor chain marked each 10 m.

3.6 Steering system

- ▶ Twin steering pedestals with carbon steering wheels.
- ▶ Compasses on both steering pedestals.

3.7 Hydraulics

- ▶ Hydraulic backstay tensioner.
- ▶ Hydraulic boom vang.
- ▶ Combined control panel in cockpit for boom vang and backstay.
- ▶ Hydraulically folding bathing platform with access to garage.

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Mast, rigging & sails

4.1 Mast

- ▶ Selden spars, keel stepped, sloop rigged, anodised, painted white.
- ▶ Swept back spreaders.
- ▶ Slab reefing system.
- ▶ Selden MDS Car system.
- ▶ LED navigation lights.
- ▶ Masthead light 360° red, 360° green and anchor light.
- ▶ Deck light.
- ▶ Steam light.
- ▶ Spreader lights 2x down.
- ▶ Boom light.
- ▶ Windex in mast top.

4.2 Rigging

- ▶ Fixed cutter stay with tensioner and running backstays.
- ▶ Standing rigging: Rod rigging.
- ▶ Genoa manual furling system Reckmann.
- ▶ Main sheet, winches situated within reach of the helmsman.
- ▶ Genoa sheets, winches situated within reach of the helmsman.

4.3 Sails

- ▶ Mainsail, fully battened, slab reefing by CY selected quality supplier.
- ▶ Lazy jacks and main sail cover.
- ▶ Furling genoa by CY selected quality supplier.

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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.
- ▶ Diagonally sliding saloon table for easy access for comfortable lounging and dining.
- ▶ Two ottomans for occasional seating with release fitting for easy stowage while sailing.
- ▶ Shower stalls with thermostatic mixer.
- ▶ Doors with anti-rattle door locks.
- ▶ Corian worktops in galley.
- ▶ Corian tops in each head with washbasins.
- ▶ Design taps.
- ▶ Five-burner cooker, with oven and grill fitted on gimbals (stainless steel).
- ▶ Cooker hood with extractor fan in galley.
- ▶ Quality upholstery, colour to owner's choice.
- ▶ Quality curtain blinds for portholes.
- ▶ Quality curtain blinds behind padded panels for hull windows.
- ▶ Sprung slats owner's cabin.
- ▶ Roller blinds at all skylight hatches.
- ▶ Lee cloths in all berths.
- ▶ Overhead lights in all cabins.
- ▶ Dimmers on overhead lights throughout the ship.
- ▶ LED ceiling lights.
- ▶ 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.
- ▶ 48-set (8 persons) of Contest Yachts porcelain crockery.
- ▶ 32-set (8 persons) of drinking glasses and bottle stowage in bar.
- ▶ Waste bin in galley.
- ▶ Extensive mirrors in heads.

6.1 Engine

- ▶ Spacious engine room with easy access from top side.
- ▶ Volvo Penta D4-175 130kW (175hp) 2800 rpm 4 cylinder turbo-charged diesel engine.
- ▶ Indirect cooling.
- ▶ Hurth ZF 63A Hydraulic gearbox.
- ▶ Separate main switch to enable service batteries to be used as starter battery.
- ▶ 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.
- ▶ Stainless steel propeller shaft with thrust bearing and flexible coupling.
- ▶ Stern tube with water lubricated bearings and water seal.
- ▶ P-bracket propeller shaft.
- ▶ Four 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.
- ▶ Automatic engine room fire extinguish system.

6.2 Bow thruster

- ▶ 15hp (240kgf) electric bow thruster.

6.3 Fuel system

- ▶ Fuel tank capacity 1,590 litres (two tanks).
- ▶ Water suction point on fuel tank with separate drain pump.
- ▶ Double fuel filter with water separator. Acoustic and visual “water in fuel” alarm.
- ▶ Diesel tank level gauge on touch screen.

6.4 Fresh water system

- ▶ Pressurized hot & cold water system.
- ▶ Water tank capacity 988 litres.
- ▶ Water heater 75 litres with heat exchanger to engine and 750 W immersion heating element.
- ▶ Thermostat taps in galley and heads.
- ▶ Water tank level gauge on touch screen.
- ▶ Stern shower.

6.5 Bilge system

- ▶ Electric bilge pump in sump, with automatic switch and manual backup.
- ▶ Electric bilge pump in lazarette with automatic switch and manual backup.
- ▶ Electric bilge pump in forward cabin with manual backup.
- ▶ Electric pump in front and aft ship with flexible hose for water discharge in any compartment.
- ▶ Combined discharge in engine room to reduce number of through hull fittings.

6.6 Black & grey water system

- ▶ Two manual flush seawater toilets.
- ▶ Two electric flush seawater toilets.
- ▶ Separate black water system in front and aft ship.
- ▶ Indicator on black water tank indicating full or 50%.
- ▶ Shower stalls with automatic drain.
- ▶ Separate grey water system in front and aft ship.

6.7 Refridgeration system

- ▶ Refrigerator in stainless steel with front door.
- ▶ Top opening freezer in galley work top.

6.8 Ventilation system

- ▶ Forced ventilation system in engine room.
- ▶ Forced ventilation in technical room.

6.9 Safety equipment

- ▶ Gas valve electric and manual.
- ▶ Four foam fire extinguishers 2kg.
- ▶ Fire blanket.
- ▶ Automatic fire extinguish system in engine room.
- ▶ Smoke detection.

7.1 AC/DC systems

- ▶ 24 VDC and 230 VAC system on board.
- ▶ Dedicated technical area (electrical room) for switches and fuses.
- ▶ Standard energy pack:
 - ▶ Service batteries 540 Ah | 24 VDC (Li-Ion)
 - ▶ Bow thruster batteries 160 Ah | 24 VDC
 - ▶ Start battery engine 100 Ah | 12 VDC
 - ▶ Start battery generator 100 Ah | 12 VDC
 - ▶ Combined inverter/charger, 3,500 W inverter, 100 A | 24 VDC battery charger
 - ▶ Battery charger bow thruster batteries 30 A | 24 VDC
 - ▶ Battery charger start battery 35 A | 12 VDC
 - ▶ Monitoring/control display batteries and combined inverter/charger
 - ▶ Alternator 115 A | 12 VDC start battery engine group
 - ▶ Second alternator 75 A | 24 VDC service battery group
 - ▶ Generator 2800 rpm, 8.0kW, 230 VAC - 50Hz
 - ▶ 230V - 50 Hz shore power connection:
 - ▶ Shore power isolation transformer 7.0 kW | 32 A
 - ▶ Shore power socket for 230 VAC | 50 Hz shore power
 - ▶ Cable 25m with 3-pole CEE 32 A connector
 - ▶ Adapter cable CEE 32 A to CEE 16 A
- ▶ 230V socket in each cabin/compartment.
- ▶ Emergency engine start on service batteries.
- ▶ All sea cocks under waterline are grounded.

7.2 Main switch panel

- ▶ Touch screen mounted near chart table.
- ▶ All main switches operated from the touch screen.
- ▶ All navigation lights operated from the touch screen.
- ▶ Tank level gauges integrated in the touch screen.
- ▶ Easy power equipment monitoring.
- ▶ Alarms on touch screen (overriding all pages) for:
 - ▶ Water in boat
 - ▶ Fire extinguish system engine room
 - ▶ 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.

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