

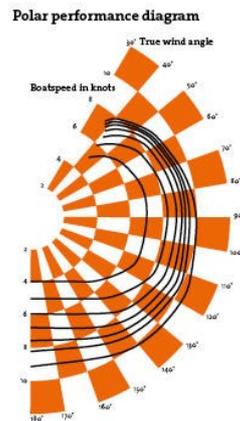
## Specifications

### Main Dimensions

Length overall	17.23m	56.5ft
Length waterline	15.55m	51.0ft
Maximum beam	5.12m	16.8ft
Displacement	27,900 kg	61,508 lbs
Draft bulb keel	2.49m	8.17ft
Ballast bulb keel	10,900 kg	24,030 lbs
Mast height above waterline	27.31m	89.6ft
Main sail	101m <sup>2</sup>	1,087ft <sup>2</sup>
Genoa 112%	84m <sup>2</sup>	904ft <sup>2</sup>
Fuel tank	931 ltr.	204.8 imp. gal.
Water tank	903 ltr.	198.6 imp. gal.
Engine, Perkins	110kW	150hp

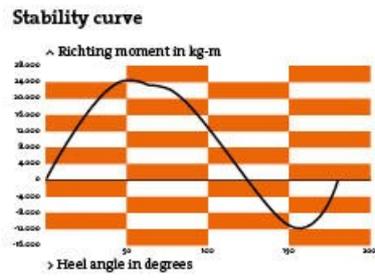
### Polar Performance Diagram

The diagram shows the exceptional upwind and reaching potential of the 57CS. Curves from in- to outside are calculated at 6, 8, 10, 12, 14, 16 and 20 knots true windspeed.



## Stability Curve

The stability curve shows a high initial stability and great sail carrying capacity.



# Standard features

## Construction

### General

Hull and deck are made of high quality materials.

Several interior arrangements are available within the structural bulkheads and keel grid.

### 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.

### 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 aluminium teak covered deck hatches.

12 mm hand laid teak deck, toe rail, cockpit seats, cockpit floor and teak detailing around the cockpit.

### 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®.

### 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®.

### Rudder

Fully balanced composite spade rudder.

Fibre orientated rudder laminate, vacuum infused composite with the Conyplex vacuum infusion system®.

Aluminium anodised rudderpost.

JEFA rudder bearings.

JEFA steering system rack and pinion.



## **Deck Layout**

### **Cockpit**

Two helmsman positions.  
Large separated guest cockpit, suitable for ten people sitting.  
Fixed varnished cockpit table with stainless steel 316 support for table and canvas cover for UV protection.  
Winches and sheets situated within reach of helmsman's position.  
Two alcoves for storage of sheets and other small deck gear.  
Free walkway from aft deck to guest cockpit.  
Pad eyes for safety harnesses mounted in cockpit.  
Transom door with remote control.

### **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 aluminium deck hatches.  
Windscreen wiper system incl. windscreen washing system.

### **Deck hardware and equipment**

Stainless steel 316 stem head fitting.  
Stainless steel 316 guardrails 75 cm high with three 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 with two fairleads forward, two cleats amidships, two cleats aft and two fairleads on stern.  
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.  
Six fenders with socks and ropes.  
Six 25 m 18 mm mooring warps.

### **Sailing hardware**

Deck fittings.  
Stainless steel winches throughout.  
Two genoa winches.  
Two self-tailing halyard winches on mast.  
Winch handles.  
Chain plate on deck for removable cutter stay.

### **Anchor system**

Integrated anchor launching system in bow.  
Electric anchor winch.  
32 kg Delta anchor with 70 m galvanised 10 mm anchor chain.  
Anchor chain marked each 10 m.

### **Steering system**

Twin composite steering pedestals with stainless steel steering wheels with leather cover.  
Compasses on both steering pedestals.

### **Hydraulics**

Hydraulic backstay tensioner.  
Hydraulic boom vang.  
Combined control panel in cockpit for boom vang and backstay.



## **Mast, Rigging & Sails**

### Mast

Selden spars, keel stepped, sloop rigged with silver anodised finish.  
Swept back spreaders.  
Slab reefing system.  
Selden MDS Car system.  
LED navigation lights.  
Masthead light 3-colours with anchor light.  
Deck light.  
Boom light.  
Windex in mast top.

### Rigging

Removable Kevlar cutter stay with tensioner and running backstays.  
Standing rigging: Dyform rigging.  
Genoa manual furling system Reckmann.  
Main sheet 14 mm, winches situated within reach of the helmsman.  
Genoa sheets 16 mm, winches situated within reach of the helmsman.

### Sails

Mainsail, fully battened, slab reefing by North Sails.  
Lazy jacks and main sail cover.  
Furling genoa by North Sails.

## Interior

### 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.

### Standard features

Light oak joinery.  
Oak floor.  
Matt varnished.  
Chrome fittings throughout.  
Padded side panelling.  
Padded headbord in aft cabin.  
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.  
Three-burner cooker with oven and grill fitted on gimbals (stainless steel).  
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 in saloon.  
Red navigation light above chart table.  
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.  
Automatic lighting (30 seconds) when opening companionway hatch.  
Waste bin in galley.  
Extensive mirrors in heads.



## **Systems & Equipment**

### **Engine**

Spacious engine room with easy access from side passage.

Volvo Penta D3-150 110kW (150hp) 3000 rpm 5 cylinder turbo-charged diesel engine.

Indirect cooling.

Hurth ZF45A 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.

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.

Automatic engine room fire extinguish system.

### **Fuel system**

Fuel tank capacity 931 litres.

Sump on fuel tank with drain pump.

Sump on fuel day tank with drain pump.

Fuel filter with water separator. Acoustic and visual "water in fuel" alarm.

Diesel tank level gauge on switch panel.

### **Fresh water system**

Pressurized hot & cold water system.

Water tank capacity 903 litres.

Water heater 40 litres with heat exchanger to engine and 750 W immersion heating element.

Thermostat taps in galley and heads.

Water tank level gauge on switch panel.

### **Bilge system**

Electric bilge pump in keel sump, with automatic switch.

Manual bilge pump in engine room.

Electric bilge pump in storage room with automatic switch.

Water detection in saloon when heeling.

Grey water pump equipped with flexible hose for water discharge in any compartment.

Central discharge in engine room to reduce number of through hull fittings.

### **Black & Grey water system**

Manual flush seawater toilet in forward head.

Electric flush seawater toilet in aft head.

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.

### **Refrigeration system**

Refrigerator in stainless steel with front door.

### **Ventilation system**

Forced ventilation system in engine room.

### **Safety equipment**

Gas valve electric and manual.

Three foam fire extinguishers 2 kg.

Fire blanket.

Automatic fire extinguish system in engine room.



## Electrical Systems

### AC/DC systems

24 VDC and 230 VAC system on board.

Dedicated technical area (electrical room) for switches and fuses.

Standard energy pack:

- o Service batteries 400 Ah | 24 VDC
  - o Start battery engine 100 Ah | 12 VDC
  - o Battery charger start battery 25 A | 12 VDC
  - o Monitoring display batteries
  - o Alternator 180 A | 12 VDC start battery engine group
  - o Second alternator 75 A | 24 VDC service battery group
  - o 230V - 50 Hz shore power connection:
    - o Shore power isolation transformer 3.5 kW | 16 A
    - o Shore power socket for 230 VAC | 50 Hz shore power
    - o Cable 25 m with 3-pole CEE 16 A connector
- 230V socket in each cabin/compartment.

Emergency engine start on service batteries.

All sea cocks under waterline are grounded.

### Main switch panel

All main switches situated at the switch panel.

All navigation lights operated from the switch panel.

Tank level gauges situated at the switch panel.

Tank level gauges integrated in the touch screen.

Alarms for:

- o Water in boat
- o Fire extinguish system engine room
- o Water in fuel
- o Battery level
- o Black water tanks

Switch for navigation lights on engine/sailing/anchoring.

### Owners Manual

#### Certification

The boat is CE certificated category A (unlimited ocean voyages).

The information contained in this specification is subject to change without prior notification.

Extra equipment may influence the standard specification.

Contest Yachts, January 2017/01

