



# TECHNICAL DATA

*Short Specification*

## JONGERT 45C



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### General

Steel/Aluminum, single engine, luxury sailing yacht

Yard/Builder:	Jongert Shipyard BV
Naval Architecture:	André Hoek Design
Styling:	André Hoek Design
Interior design:	Jongert Design Team
Classification:	Lloyd's Register ✕ 100 A1, SSC, Yacht, Mono G6
Regulations:	MCA, LY2, GT<500, less than 10 passengers
Flag:	Cayman Islands, tbd

### Main dimensions

Length over all:	46,10 m
Length waterline:	34,00 m
Beam moulded:	8,90 m
Draught:	3,90 - 6,80 m (hydraulic centerboard keel)
Displacement (half loaded):	280 t
Gross tonnage:	254 GT
Tank capacity	Fuel: 20.000 l
	Fresh water: 5.000 l
	Black and Grey water: 4.000 l
Maximum speed engine:	Approx. 14,2 kn
Cruising Speed engine:	Approx. 11,5 kn

### Rigging

Sail area:	Main sail:	± 465 m <sup>2</sup> , o.d.
	Genoa:	± 465 m <sup>2</sup> , o.d.
	Staysail:	± 203 m <sup>2</sup> , o.d.
Mast and boom:	Aluminum main mast Composite hydraulic furl boom	
Boomvang:	Hydraulic operated stainless steel boomvang	
Standing rigging:	Stainless steel rod rigging	
Sheets and halyards:	Spectra for main sail, genoa and staysail sheet Spectra for main sail halyard Vectran for genoa and staysail halyard	

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Forestays: Reckmann hydraulic operated forestay system for genoa and staysail furl

Tensioners: Hydraulic operated halyard tensioners for genoa and staysail on the mast

## **Propulsion**

Main engine: 1x MTU 8V 2000 M70  
499 kW / 679 bhp at 2.100 rpm

Gear box: ZF

Propellers and propeller shafts: 1x Oil lubricated propeller shaft  
1x 4 Bladed adjustable pitch propeller

Bow thruster: Hydromar, fixed tunnel hydraulic 75 kW

Stern thruster: Hydromar, pivoting hydraulic 37 kW

## **Board systems**

Bilge / Firefighting: 2x Bilge pump  
1x Yanmar emergency bilge/FiFi pump

Fuel: 1x Alfa Laval fuel separator  
1x Backup fuel pump / fuel trim pump  
2x Double switchable Racor filters for main engine  
1x Double switchable Racor filters for generator

Lub oil: 1x Lub oil filling station with pump, hose and pistol  
1x Lub oil manual extraction pump with hose

Grey and Black water: 1x Hamann sewage treatment unit

Fresh water: 1x SiHi hydrophore with pressure vessel  
2x HEM water maker capacity 4.500 l/24h  
1x Circulation pump  
1x Boiler for hot water, 2 tanks

Hydraulic system: 3x PTO  
1x 7,5 kW Electric pump for auxiliary use  
1x Electric power pack  
1x Common oil tank

Compressed air: 1x Compressor  
1x Kahlenberg horn, incl. individual tank

Fire extinguishing: 1x FM200 system for engine room  
1x Smoke detecting system for interior

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## **HVAC**

Interior ventilation system:	Balanced mechanical ventilation system with fresh air supply at the fan coils and extraction in the shower cabins and day heads. Utility spaces ventilated by natural ventilation
Engine room ventilation:	Mechanical ventilation system
AC system:	Climma air conditioning system based on Florida conditions. Chilled water system with chillers in the engine room, Fresh air make-up units and fan coils for accommodation area

## **Electrical system**

The electrical system is 3 phase 230V/400V-50Hz AC system. For emergency and navigation purposes a 24V DC system is installed

Generators:	1x Onan 75 kW 1x Onan 45 kW
Shore connection:	Atlas
Alarm & Monitoring:	Jongert central alarm & control panel at the bridge

## **Navigation equipment**

Steering system & Autopilot:	1x Hydromar & Segatron
Radar:	1x Furuno
GPS:	1x Leica
Speedlog:	1x B&G
Depth Sounder:	1x B&G
Wind Instruments:	1x B&G
Plotter:	1x Canstar
Compass:	1x C. Plath fiber optic gyro

## **Communication equipment**

VHF:	1x S.P. Radio
Navtex:	1x Furuno
Satcom:	1x Nera Immersat
GSM:	1x US Cellular Phone/ Dualband GSM

## **Entertainment equipment**

The yacht has been equipped with a Bose Lifestyle entertainment system

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## **Paint system**

A two component paint system for the hull and superstructure, make International Paint System. A Hascolux paint system for the interior woodwork

## **Deck equipment**

Anchoring/Mooring:	2x Hydraulic anchor winch with capstan, chain, anchor and devils claw 10x SST V- bollard (5x PS, 5x SB) 10x SST fairlead, with rollers (5x PS, 5x SB) 2x SST fairlead, oval (2x transom)
Deck winches:	Deck winches installed: 6x Lewmar deck winch for sails, halyards, multi 7x Hydromar custom built

## **Exterior**

Teak:	All exterior decks covered with 15 mm teak deck
Gangway:	1x Manual gangway for transom
Sea stair:	1x Hydraulic to SB integrated
Swim ladder:	1x Manual for PS or SB use

## **Interior**

Styling:	Jongert 45C SY "Wellenreiter"
Woodwork:	American cherry for luxury spaces and crew area
Ceilings:	Painted paneling in cabins and living spaces. Painted in bathrooms, shower cabins, galley and laundry
Floors:	Carpet with teak in cabins and living spaces. Marble and natural stone in bathrooms and shower cabins. Cork in crew mess and galley. Corian in bathrooms and shower cabins
Wash basins and Tops:	Marble and natural stone in luxury spaces, corian in crew area
Galley:	Wooden modular furniture with corian worktop
Galley equipment:	Miele
Cooling and freezing equipment:	1x 450 l refrigerator 2x 500 l freezer/refrigerator 1x 450 l freezer