

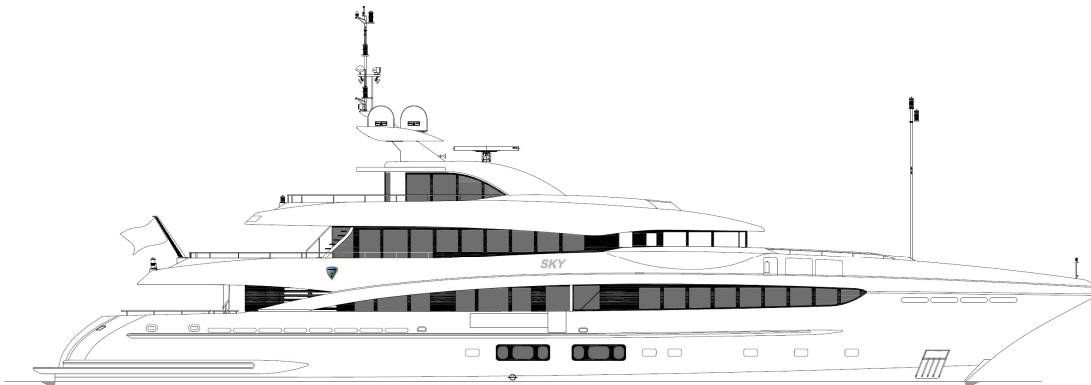


SHORT SPECIFICATION

FOR A

**HEESEN YACHTS
5000 DISPLACEMENT
STEEL / ALUMINIUM MOTORYACHT**

PROJECT: #14750



**BUILT BY: HEESEN YACHT BUILDERS B.V.
 OSS, THE NETHERLANDS**



SHORT SPECIFICATION YN 14750

SPECIFICATION

Hull type:	Twin propeller motor yacht round bilge displacement
Naval Architect:	Heesen Yachts / Van Oossanen Associates
Exterior Designer:	Omega Architects
Interior Designer:	Mojo Stumer Architects
Classification:	Lloyds ☒ 100A1 SSC YACHT [☒] LMC Large Commercial Yacht Code LY2 / MCA
Material of Hull:	Steel
Material of Superstructure:	Aluminium

DIMENSIONS

Length over all:	50,50 meter	165'8"
Beam over all:	9,60 meter	31'6"
Draft:	3,25 meter	10'8"
Displacement (50%):	525 tons	1,157,400 lbs
Tonnage:	668 GT	

TECHNICAL DETAILS

Maximum speed (50% load):	14,5 knots	
Range at 13 knots:	3.200 Nm	
Range at 10 knots:	6.000 Nm	
Fuel capacity:	80,0 m ³	21,130 US Gallon
Fresh water:	20,0 m ³	5,280 US Gallon



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PROPULSION SYSTEM

Main engines:	2× MTU 8V 4000 M70
Maximum power:	2× 1.160 kW
Gearbox:	2× ZF 4661
Engine control:	MTU Blue vision, three control stands
Waterlubricated shafts:	stainless steel 431 Ø 127 mm
Propellers:	Schaffran five blade fixed pitch Ø 1.600 mm
Generators:	2× Kilo-Pak, each 150 kW at 50 Hz 1× Kilo-Pak, emergency 50 kW at 50 Hz
Bowthruster:	electrically driven make HRP, 110 kW
Steering system:	Sperry Marine Systems, type 2.S.25.35.2
Rudders:	Two stainless steel rudders with stainless steel 431 shafts
Stabilizer:	Stabilizing at anchor and at speed make VT Naiad, type 820 with 2 fins of 4,17 m ²



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TECHNICAL

Fresh water maker:	2× HEM 30/3200 capacity 12.000 litres per day each
Hot water boiler:	2× Nibe 300 litres (79.2 USG) capacity 13kW
Sanitary treatment:	Hamann miniframe 8.100 LPD
Grey/blackwater system:	EVAC
Fuel separator:	Westfalia OTC 2-02-137 of 1.150 L/h
Air-conditioning:	chilled water custom built with fancoils Cooling capacity approximately 170kW
Fresh Air supply:	Salor TZR 01-225 Cap. 2.555 m ³ /h (1,504 cu ft/min)
Search light:	2× Sanshin RCL 600
Anchor capstan:	2× Staalart, two-speed
Anchor:	2× HHP Pool –TW 360 kg (794 lb)
Anchor chain:	2× 200 m (656'), U2, 19 mm studlink
Stern anchor:	1× HHP Pool – TW 105 kg (231 lb)
Stern anchor chain:	1× 100 m (328'), U2, 12,5 mm studlink
Capstan:	2× Staalart, reversing
Side Boarding Ladder:	Hydromar
Passarelle:	Hydromar



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TENDERS AND SPORT EQUIPMENT

Tender garage:

- Main tender: Frausher Lido 686 3.0 TDI
- Personal water craft: Yamaha waverunner & Yamaha Jetski

The net opening of the transom hatch is $B \times H = 4,82 \times 1,5$ m (15'9" \times 4'11")

Tender hold:

- Second tender: Pascoe Shuttle 6.0 m (19'8")

In front of the wheelhouse there is a tender hold with an hydraulic hatch to store the second tender which is handled by a telescopic hydraulic boat crane with an SWL of 1500 kg at 4,6 m (15') reach. This crane will also be used to handle the rescue boat from the foredeck.

NOTES

All our short specifications are with reservation of in between changes

END OF SPECIFICATION