

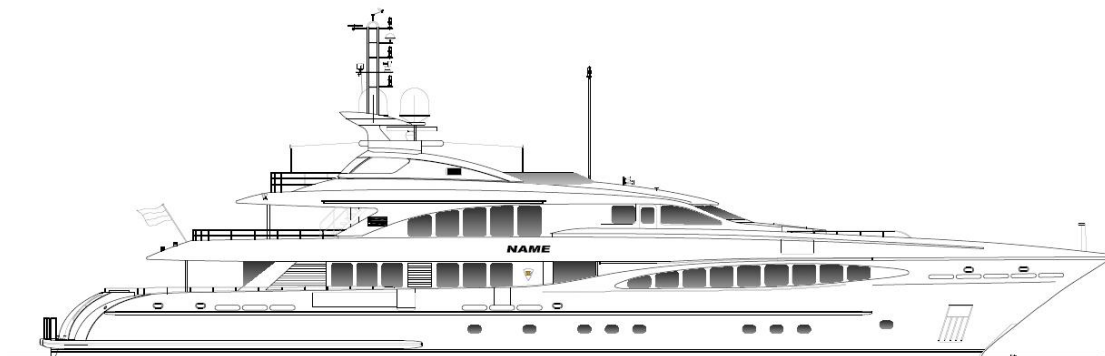


SHORT SPECIFICATION

FOR A

**HEESEN YACHTS
4700 DISPLACEMENT
STEEL / ALUMINIUM MOTORYACHT**

PROJECT: #15147



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



SHORT SPECIFICATION YN 15147

SPECIFICATION

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

DIMENSIONS

Length over all:	46,70 meter	153'2"
Beam over all:	8,83 meter	29'0"
Draft:	2,85 meter	9'4"
Displacement (50%):	360 tons	793.650 lbs

TECHNICAL DETAILS

Maximum speed (50% load):	15,5 knots	
Range at 12 knots:	4.000 Nm	
Fuel capacity:	60,0 m ³	15.875 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 (5")
Propellers:	Schaffran five blade fixed pitch Ø 1.600 mm (5'3")
Generators:	2× Kilo-Pak
Power:	2× 99 kW
Bowthruster:	hydraulically driven make HRP type HRP 1000, 100 kW
Steering system:	Sperry Marine Systems, type 2.S.25.35.2
Rudders:	Two stainless steel rudders with stainless steel 431 shafts
Stabilizing at anchor	make VT Naiad, type 620 with 2 steel fins of approx. 3 m ² (32 sq ft)



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TECHNICAL

Fresh water maker:	2× HEM 25/1400 capacity 5.000 litres per day each
Hot water boiler:	2× Nibe 200 litres (52.8 USG) capacity 13kW
Sanitary treatment:	Hamann miniframe 5.400 LPD (1426 GPD)
Grey/blackwater system:	JETS
Fuel separator:	Westfalia OTC 2-02-137
Air-conditioning:	Bitzer/HH-Salor-140 capacity 140kW
Fresh Air supply:	Salor TZR 01-225 Cap. 2.480/1.240 m ³ /h (1,448/24 cu ft/min)
Search light:	1× Sanshin RCL 600
Anchor capstan:	2× Staalart CAS 23-17,5, two-speed
Anchor:	2× HHP Pool –N 315 kg (694 lb)
Anchor chain:	2× 137,5 m (451'), U2 – quality 17½ mm (0.69'')studlink
Capstan:	2× Staalart CR 23, reversing
Side Boarding Ladder:	Hydromar
Passarelle:	Hydromar
Jacuzzi	Riviera pool Roman Public 255



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TENDERS AND SPORT EQUIPMENT

Tenders and sport equipment are Owner's delivery. The design criteria for tenders and jet-ski's are foreseen as follows:

The net opening of the transom hatch is $B \times H = 4,8 \times 1,5$ m (15'9" \times 4'11")

There are two tender tracks located in the tender garage:

- Starboard side maximum tender length is 6,1 m (20')
- Port side maximum tender length is 4,8 m (16')

NOTES

All our short specifications are with reservation of in between changes

END OF SPECIFICATION