

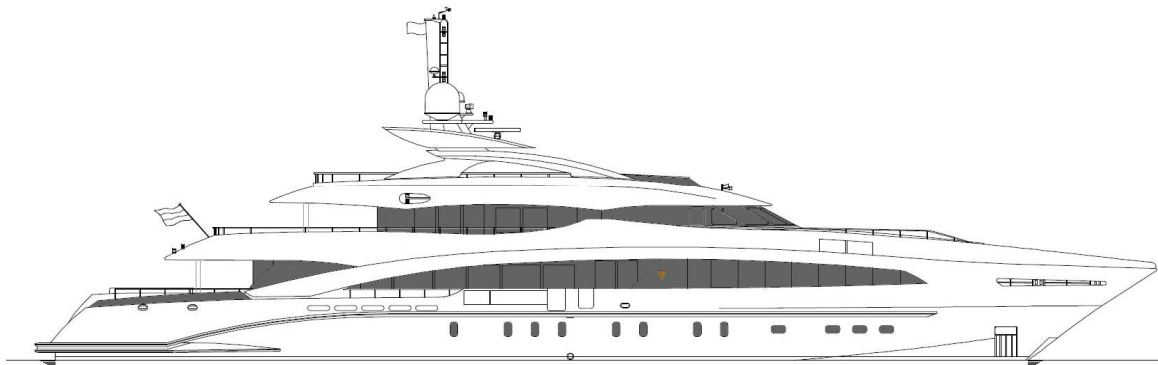


SHORT SPECIFICATION

FOR A

**HEESEN YACHTS
5000 SEMI DISPLACEMENT
FULL ALUMINIUM MOTORYACHT**

PROJECT: #15850



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



SHORT SPECIFICATION YN 15850

SPECIFICATION

Hull type:	Twin propeller motor yacht hard chine semi displacement
Naval Architect:	Heesen Yachts
Exterior Designer:	Omega Architects
Interior Designer:	Omega Architects
Classification:	ABS X A1 Yachting Service X AMS Large Commercial Yacht Code LY2 / MCA
Material of Hull:	Aluminium
Material of Superstructure:	Aluminium

DIMENSIONS

Length over all:	49,80 meter	163'4"
Beam over all:	9,00 meter	29'6"
Draft:	2,50 meter	8'2"
Tonnage	less than 500 GT	
Displacement (50%):	295 tons	650.350 lbs

TECHNICAL DETAILS

Maximum speed (50% load):	23,0 knots	
Range at 11 knots:	3.200 Nm	
Fuel capacity:	68,8 m ³	18.200 US Gallon
Fresh water:	16,2 m ³	4.300 US Gallon



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PROPULSION SYSTEM

Main engines:	2× MTU 16V 4000 M90
Maximum power:	2× 2.720 kW
Gearbox:	2× ZF 7550
Engine control:	MTU Blue vision, three control stands
Waterlubricated shafts:	stainless steel 431 Ø 145mm
Propellers:	Schaffran five blade fixed pitch Ø 1.450 mm
Generators:	2× Kilo-pak
Power:	2× 99 kW, 50Hz three phase 230/400V
Bowthruster:	hydraulically driven make HRP type 1000, 90 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 720 with 2 fins of approx. 3,5 m ² (37.5 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 each capacity 13kW each
Sanitary treatment:	Hamann miniframe 5.400 litres per day
Grey/blackwater system:	JETS
Fuel separator:	Westfalia OTC 2-02-137 capacity 1.150 litres per hour
Air-conditioning:	HH-Salor capacity 160 kW
Fresh Air supply:	Salor capacity 2.100 m ³ per hour
Search light:	2× Sanshin RCL 600
Anchor capstan:	2× Staalart CAS 23-19, two-speed
Anchor:	2× SHHP Pool –TW 260 kg
Anchor chain:	2× 150 meters, U2 – quality 17,5 mm studlink
Mooring capstan:	2× Staalart CR 23, with reversing motor
Side Boarding Ladder:	Hydromar
Passarelle:	Hydromar
Jacuzzi:	Sienna Commercial



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TENDERS AND SPORT EQUIPMENT

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

<p>The net opening of the transom hatch is $B \times H = 4,8 \times 1,5 \text{ m}$ (15'9" \times 5'3")</p>
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<p>There are two tender tracks located in the tender garage:</p>
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| <ul style="list-style-type: none">- Starboard side maximum tender length is 6,5 m (21'4")- Port side maximum tender length is 6,1 m (20') |
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NOTES

<p>All our short specifications are with reservation of in between changes</p>
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END OF SPECIFICATION