

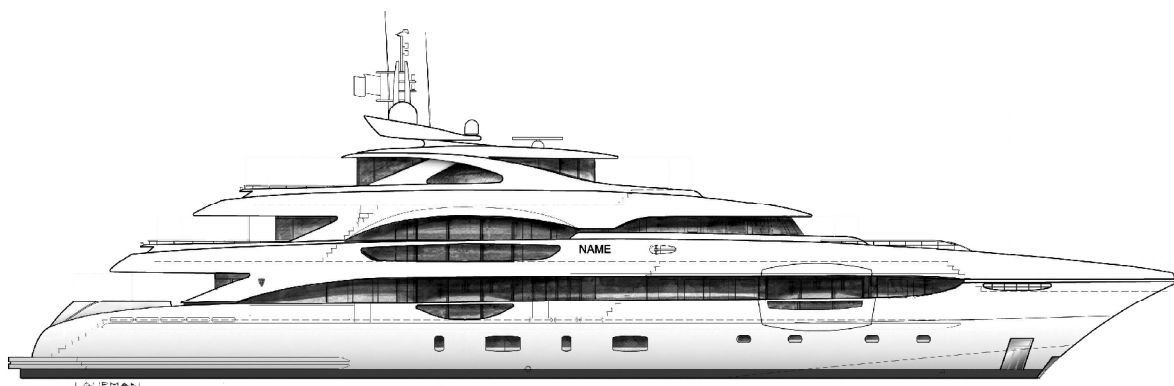


SHORT SPECIFICATION

FOR A

**HEESEN YACHTS
5500 SEMI DISPLACEMENT
FULL ALUMINIUM MOTORYACHT**

PROJECT: #14955



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



SHORT SPECIFICATION YN 14955

SPECIFICATION

Hull type:	Twin propeller motor yacht hard chine semi displacement
Naval Architect:	Heesen Yachts
Exterior Designer:	Omega Architects
Interior Designer:	Ken Freivokh Design
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:	55,00 meter	180'5"
Beam moulded:	9,40 meter	30'10"
Beam over all:	9,90 meter	32'6"
Draft:	3,00 meter	9'10"
Displacement (50%):	approx. 450 tons	992,000 lbs
Tonnage:	approx. 790 GT	

TECHNICAL DETAILS

Maximum speed (50% load):	24,0 knots	
Cruising speed at 80% Power:	22,0 knots	
Range at 12 knots:	4.500 Nm	
Fuel capacity:	125 m ³	33.000 US Gallon
Fresh water:	30 m ³	7.925 US Gallon



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PROPULSION SYSTEM

Main engines:	2× MTU 20V4000 M93
Maximum power:	2× 4.170 kW @ 2100 rpm
Gearbox:	2× ZF 23560D + ZF autotroll
Engine control:	MTU Blue vision, three control stands
Waterlubricated shafts:	stainless steel AISI 1.4057
Propellers:	Schaffran five blade fixed pitch Ø 1.800mm
Generators:	2× Kilo-pak or equal
Power:	2× 175 kW 50Hz
Emergency generator:	1× Kilo-pak, 80 kW 50Hz
Bowthruster:	hydraulically driven make HRP type 1001TT, 120 kW
Steering system:	Sperry Marine Systems, type 2.S.25.35.2
Rudders:	Two stainless steel rudders with stainless steel 1.4057 shafts
Stabilizing at anchor	make VT Naiad, type 820 with 2 fins of 4,2 m ² (45 sq ft)



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TECHNICAL

Fresh water maker:	2× HEM 30/4000 Modular capacity 14.000 litres per day each
Hot water boiler:	2× Nibe 500 litres each capacity 26kW each
Sanitary Treatment:	Hamann miniframe 8.100 litres per day
Greywater system:	EVAC
Fuel separator:	Alfa Laval PU-150 capacity 3.300 litres per hour
Oil/water separator:	Rossmark, capacity 500 litres per hour
Air-conditioning:	Custom built with 2 compressors
Fresh Air supply:	Salor
Shore power:	125 KVA frequency converter
Search light:	2× Sanshin RCL 600
Anchor winch:	2× Staalart CAR37, two-speed
Anchor:	2× SHHP Pool –TW approx. 365 kg
Anchor chain:	2× 165 meters, U2 – quality 24 mm studlink
Capstan:	2× Staalart CR57, reversing
Side Boarding Ladder:	Hydromar
Passarelle:	Hydromar
Jacuzzi:	Custom built on aft deck Roman public 255 on sun deck



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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:

1× 24'7" tender

2× Jet-ski

The tender is located in a tender bay with an upwards opening side door.

NOTES

All our short specifications are with reservation of in between changes

END OF SPECIFICATION
