

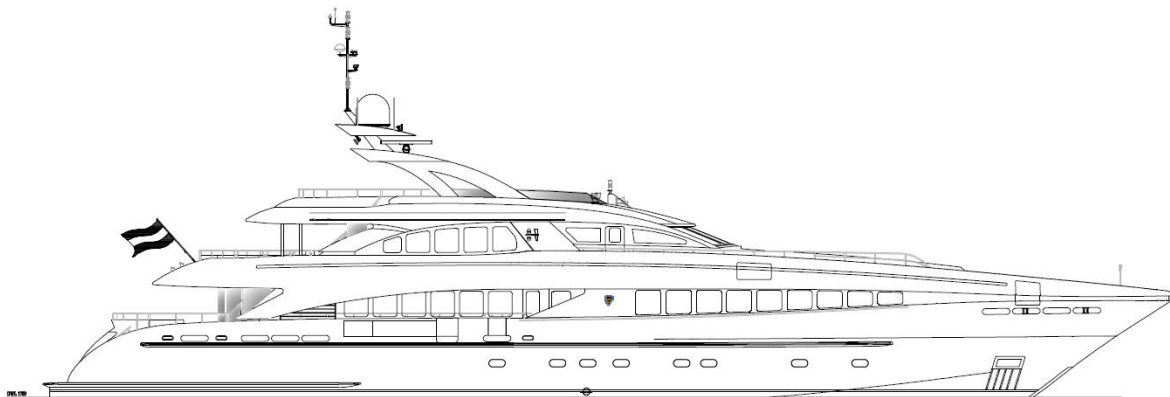


SHORT SPECIFICATION

FOR A

**HEESEN YACHTS
4400 SEMI DISPLACEMENT
FULL ALUMINIUM MOTORYACHT**

PROJECT: #15944



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



SHORT SPECIFICATION YN 15944

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:	44,77 meter	146'10"
Beam over all:	9,00 meter	29'6"
Draft extreme (50% load):	2,50 meter	8'2"
Displacement (50%):	250 tons	551.000 lbs

TECHNICAL DETAILS

Maximum speed:	25,0 knots	
Range at 12 knots:	3.200 Nm	
Fuel capacity:	69,0 m ³	18.250 US Gallon
Fresh water:	16,0 m ³	4.250 US Gallon



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PROPULSION SYSTEM

Main engines:	2× MTU 16V 4000 M90
Maximum power:	2× 2.720 kW
Gearbox:	2× ZF 7600
Engine control:	MTU Blue vision, three control stands
Waterlubricated shafts:	stainless steel 431 Ø 145mm (5.7")
Propellers:	Schaffran five blade fixed pitch Ø 1.380 mm (4'6.3")
Generators:	2× Kilopak
Power:	2× 99 kW, 50Hz three phase 230/400V
Bowthruster:	hydraulically driven make HRP type 1000, 80 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 820 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 (1400 GPD)
Hot water boiler:	2× Nibe 200 litres each (53 USG) capacity 13kW each
Sanitary treatment:	Hamann miniframe 5.400 LPD (1426 GPD)
Grey/blackwater system:	JETS
Fuel separator:	Westfalia OTC 2-02-137 capacity 1.200 litres per hour (317 GPH)
Air-conditioning:	HH-SALOR-160 capacity 160 kW
Fresh Air supply:	SALOR TZR01 - 225 Cap. 2.280/1.100 m ³ /h (1,342/671 cu ft/min)
Search light:	1× Sanshin RCL 600
Anchor winch:	2× Staalart CAS23, two-speed
Anchor:	2× SHHP Pool –TW 237 kg (522 lb)
Anchor chain:	2× 150 meters (490'), U2 – quality 17½ mm (0.69") studlink
Mooring capstan:	2× Staalart CR23, with reversing motor
Side Boarding Ladder:	Hydromar
Passarelle:	Hydromar 5700/800
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 $B \times H = 4,82 \times 1,5$ m (15'9" \times 4'11")

There are two tender tracks located in the tender garage:

- Starboard side maximum tender length is 6,5 m (21'4")
- Port side maximum tender length is 4,6 m (15')

NOTES

All our short specifications are with reservation of in between changes

END OF SPECIFICATION