

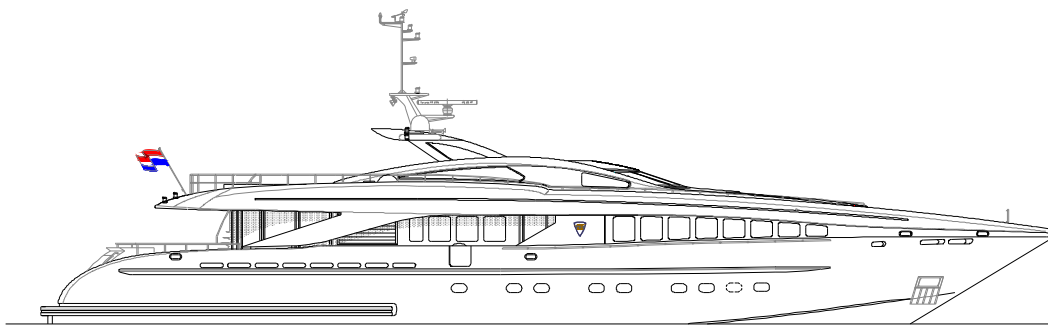


SHORT SPECIFICATION

FOR A

**HEESEN YACHTS
3700 SEMI DISPLACEMENT
FULL ALUMINIUM MOTORYACHT**

PROJECT: #15437



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



SHORT SPECIFICATION YN 15437

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 MCA / Large yacht code LY2 short range
Material of Hull:	Aluminium
Material of Superstructure:	Aluminium

DIMENSIONS

Length over all:	37,30 meter	122'4"
Beam over all:	7,50 meter	24'7"
Draft extreme (50% load):	2,20 meter	7'2"
Displacement (50% load):	150 tons	330.700 lbs

TECHNICAL DETAILS

Maximum speed (light):	31,0 knots	
Range at 12 knots:	2.000 Nm	
Fuel capacity:	33,0 m ³	8.700 US Gallon
Fresh water:	8,0 m ³	2.100 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
Waterlubricated shafts:	stainless steel 431 Ø 145mm
Propellers:	Schaffran five blade fixed pitch Ø 1.350 mm (4'5.1")
Generators:	2× Kilo-Pak
Power:	2× 50 kW, 50Hz three phase 230/400V
Bowthruster:	hydraulically driven make Hydromar type HBT-GF-CR-50, 50 kW
Retractable sternthruster:	hydraulically driven make Hydromar Type HBT-GP-CR-51, 51 kW
Steering system:	Sperry Marine Systems, type 2.S.25.35.2
Rudders:	Two stainless steel rudders with stainless steel 431 shafts
Stabilizer:	Active trim tab stabilisation system make VT Naiad



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TECHNICAL

Fresh water maker:	2× HEM 20/400 capacity 1.500 litres per day each (400 GPD)
Hot water boiler:	2× Nibe 205 litres each (54 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:	chilled water units make Marine Air 2 x MCW 120S-EH, each 35 kW cooling cap.
Fresh Air supply:	make Salor capacity 1310 / 655 m ³ /h (770/385 cu ft/min)
Search light:	1× Sanshin RCL 100
Anchor winch:	2× Staalart CAS 12-16ED, two speed
Anchor:	2× SHHP Pool –TW 149 kg (328 lb)
Anchor chain:	1× 150 m (490'), 1x 100 m (328') U2–quality, 16 mm (0.63”) shortlink DIN 766.
Mooring capstan:	2× Staalart CR 12-00.E
Passarelle:	Hydromar Seawalk
Jacuzzi:	Hilton Spa Martinique



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TENDERS AND SPORT EQUIPMENT

Tenders and sport equipment are Owner's delivery. The design criteria for tender and waverider are foreseen as follows:

The net opening of the transom hatch is $B \times H = 3,89 \times 1,45$ m (12'9" \times 4'9")

There are two tender tracks located in the tender garage:

- Starboard side maximum tender length is 5,4 m (17'8")
- Port side maximum waverider length is 3,16 m (10'4")

NOTES

All our short specifications are with reservation of in between changes

END OF SPECIFICATION