



SHORT SPECIFICATION

FOR A

HEESEN YACHTS

50 M
FAST DISPLACEMENT
FULL ALUMINIUM MOTORYACHT

PROJECT: 19550

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



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GENERAL

HULL TYPE:	TWIN PROPELLER MOTOR YACHT, FAST DISPLACEMENT HULL FORM
NAVAL ARCHITECT:	VAN OOSSANEN NAVAL ARCHITECTS / HEESEN YACHTS
INTERIOR DESIGNER:	CRISTIANO GATTO DESIGN TEAM
EXTERIOR STYLING:	OMEGA ARCHITECTS
CLASSIFICATION:	ABS ✕A1 COMMERCIAL YACHTING SERVICE ✕AMS LARGE COMMERCIAL YACHT CODE LY3
HULL:	ALUMINIUM
SUPERSTRUCTURE:	ALUMINIUM
ACCOMMODATION:	12 GUESTS IN 6 CABINS 9 CREW IN 5 CABINS

DIMENSIONS

LENGTH OVER ALL:	49.80 METRES (163' 4")
BEAM OVER ALL:	9.10 METRES (29' 10")
DRAFT AT HALF LOAD:	2.15 METRES (7' 1")
DISPLACEMENT (HALF LOAD):	APPROX. 316 TONS (696,650 LBS)
TONNAGE:	APPROX. 499 GT

TECHNICAL DETAILS

MAXIMUM SPEED (HALF LOAD):	19.5 KNOTS
RANGE:	3,750 NAUTICAL MILES AT 12 KNOTS
FUEL CAPACITY:	45,000 LITRES (11,900 US GALLON)
FRESH WATER CAPACITY:	16,000 LITRES (4,200 US GALLON)



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PROPULSION SYSTEM

MAIN ENGINES:	2× MTU 12V 2000 M72
MAXIMUM POWER:	2× 1080 KILOWATT
GEARBOX:	2× ZF 3350
ENGINE CONTROL:	MTU BLUE VISION NG
PROPELLERS:	2× FIVE BLADE FIXED PITCH
GENERATORS:	2× ZENORO, EACH 118 KILOWATT, 50 HERTZ
BOWTHRUSTER:	ELECTRICALLY DRIVEN MAKE ZF-MARINE 90 KILOWATT
STABILISERS:	NAIAD DYNAMICS, 2 FINS, TYPE 720, ZERO SPEED

TECHNICAL

FRESH WATER MAKER:	1× IDROMAR CAPACITY 9,000 LITRES PER DAY (2,375 US GALLON)
HOT WATER BOILER:	2× 200 LITRES (2×52.8 US GALLON)
SANITARY TREATMENT:	HAMANN HL-CONT PLUS 025
AIR-CONDITIONING:	HEINEN & HOPMAN
ANCHOR WINCH:	2× MAXWELL 11000 VWC
MOORING CAPSTAN:	2× MAXWELL 8000 VC
PASSARELLE:	HYDROMAR SEASCAPE
TENDER CRANE	HYDROMAR SWL 2,400 KG (5,290 LBS)
JACUZZI:	POOLSPA VICTORIA



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TENDERS AND SPORTS EQUIPMENT

As per general arrangement plan, the main tender can be stored in a bay in front of the wheelhouse. One water scooter can be stored on deck in front of the wheelhouse. The rescue boat make Zodiac RIBO 340 is stored under a hatch in front of the wheelhouse. The tender and water scooter are Owners Delivery.

MAXIMUM DIMENSIONS:

TENDER LxB:	7 M (23') × 2.6 m (8' 6")
TENDER WEIGHT:	2,000 KG (4,400 LBS) WET
WATER SCOOTER LxB:	3.3M (10' 10") × 1.25M (4' 2")

NOTES

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END OF SPECIFICATION