

## Specification HEESSEN INCEPTION

TYPE	Displacement, Twin Screw Diesel Motor Yacht
FLAG	British Isle of Man
DIMENSIONS	Length O.A 50m (164ft) Beam 9.4m (31ft) Draft 3.0m (10ft)
TONNAGE	Gross 637 tons
YEAR BUILT	2008
BUILDER	Heesen
NAVAL ARCHITECT	Heesen
STYLING	Omega Architects
INTERIOR DESIGNER	Mark Wallace
CONSTRUCTION	Steel hull, aluminium superstructure
CLASSIFICATION	Lloyds

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### MACHINERY

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MAIN ENGINES	2 x MTU V8 4000, 1,690 hp each
ENGINE HOURS	Port: 11.762 hours Stbd: 11.759 hours (Note: Engines were rebuilt at 9000 hours)
GEAR BOXES	ZF
SHAFTS	Stainless Steel
PROPELLERS	Fixed bronze alloy
SPEEDS & FUEL	11.5 knots cruising speed 14.5 knots maximum speed
RANGE	4500 nm @ 11.5 knots 2240 nm @ 14 knots

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## AUXILIARY MACHINERY & ELECTRICAL SYSTEM

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MAIN GENERATORS	2 x new Zenoro installed June 2018
MAIN GENERATOR HRS	Port: 6557 hours Stbd: 6579 hours
EMERGENCY GEN.	John Deere
ELECTRICITY	50 & 60 hertz
SHORE POWER	2 x 100 amp 3 phase
BATTERIES	8D gel main engine, generators, house, gmdss

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## TANK CAPACITIES (approximate)

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FUEL	84,000 litres
WATER	23,000 litres
WATERMAKERS	2 x H.E.M (17,280 litres a day)
WATER HEATERS	2 x NIBE ELK 213 13kW
WATER PUMPS	2 x Scot
CLEAN LUB OIL	1300 litres
DIRTY LUB OIL	650 litres
GREY WATER	5300 litres
BLACK WATER	2300 litres

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## ANCILLARY EQUIPMENT

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STEERING SYSTEM	Custom by Heesen & Tjissen
CONTROL STATIONS	Center helm and Port/Starboard wing station
BOW THRUSTER	Electro Hydraulic
STABILIZERS	Naiad zero speed
FUEL FILTERS	GEA/ Westfalia
OIL/WATER SEPARATOR	RWO 0.5m <sup>3</sup> /hr
FIRE PUMP	SiHi
SEWAGE TREATMENT	Hamman Type 2
WC's	eVac
AIRCONDITIONING	Heinen & Hopman
AIR COMPRESSOR	Atlas Copco
UNDERWATER LIGHTS	LED

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## SAFETY & SECURITY EQUIPMENT

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CCTV	All exterior decks, mast, main salon
MONITORS	Crew mess, galley & bridge
FIRE FIGHTING	Sea water pumped to multiple deck hoses Fixed High Fog
LIFE RAFTS	4 Zodiac 16 person
EPIRB	Jotron
MEDICAL	MSOS

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## COMMUNICATION EQUIPMENT GMDSS EQUIPPED & CERTIFIED

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SATCOM	2 x Seatel 4006 VSAT w/ iDirect x7 Modems, 15 - 1 Imarsat
CELLULAR SYSTEM	2 x Pepwave 3G/4G
VHF FIXED	2 x Furuno
VHF HANDHELD	2 x Icom
TELEPHONE	Panasonic PBX
WIFI	2 x sat domes, additional Starlink

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## NAVIGATION EQUIPMENT

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MAGNETIC COMPASS	Sigma
GYRO COMPASS	Raytheon
AUTOMATIC PILOT	Custom by Heesen & Tjissen
LOG	Furuno
ECHO SOUNDER	Furuno
VIDEO SOUNDER	Furuno
RADAR	2 x Furuno
CHART PLOTTER	Transas
GPS	2 x Furuno
NAVTEX	Furuno
WIND INSTRUMENTS	Airmar
SPEED INDICATOR	Sperry
AIS	Furuno

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## DECK EQUIPMENT

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ANCHOR WINDLASS	2 fore deck Staalart AFT WARPING CAPSTANS	2 aft deck Staalart
ANCHORS	2 Pool Sec type	
CHAIN	Port 7 shackles Starboard 8 Shakles	
BOAT CRANE	Hydromar	
PASSERELLE	Starboard aft deck	
LADDERS	2 x Marquip 1 hydraulic sea stair	
SEARCHLIGHT	Remote control from bridge	
PAINT	Awlgrip	

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## AUDIO/VISUAL ENTERTAINMENT SYSTEMS

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ENTERTAINMENT	AMX Kaleidescape Movie Library	
SATELLITE TV	Direct TV, Dish, Sky UK, Sky Italia, Sky Mexico	
STEREO	Denon Surround Receivers	
REMOTES	iPad mini's throughout	
iPod Stations	Apple air play throughout iPod station (Laundry)	
TVs	All cabins, Main Salon, Crew Mess	
SPEAKERS	All decks & cabins exterior and interior	
CINEMA	Demountable foredeck cinema screen	

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## OFFICE EQUIPMENT

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PRINTERS	Canon (Bridge) HP OfficeJet Pro (Control Room)
COMPUTERS	MAC Mini (Engineer) 2 x MAC Notebook (Chief Stew, Chief Officer)

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## DOMESTIC EQUIPMENT

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OVEN	1 x Gaggenau HLEB388-1 1 x Rationale SCC XS 6 2/3 E
GRILL	Gaggenau 5-Plate Induction Cooktop
MICROWAVE	1 x Miele (Crew Mess) 1 x Gaggenau (Galley)
REFRIGERATOR	1 x Foster ERPOG600H (Galley) 2 x Miele 621 Ui-1 (Galley, Bar) 1 x Miele 835 i- 1(Crew Mess)
FREEZER	1 x Miele 623 Ui
WALK-IN	Heinen & Hoppman Custom (Fridge/Freezer)
MACERATOR	InSinkErator
DISHWASHER	3 x Winterhalter
WASHING MACHINE	3 x Miele PW 6055 + PW6065 AV/LP
DRYER	3 x Miele PT 7136 Plus
ROTARY IRONER	1 x Miele B890
ICE MAKER	4 x Hoshizaki 1 x Uline

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## OTHER EQUIPMENT

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JACUZZI	2 (1 x sun deck & 1 x Owner's deck)
SHIP'S SAFES	1 in master cabin 1 in Captain's cabin
GYM EQUIPMENT	Workout bench and weights

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## TENDERS & WATERSPORTS EQUIPMENT

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TENDERS	1 X Novurania 460 De Luxe 80 Hp Honda 1 x Zodiac Rescue 3 x Yamaha Jet Skis 3 x Sea Bobs
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## ACCOMMODATION

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Accommodation for up to 12 guests in 6 cabins all with en suite bathrooms, 2 pullman berths are also available. Up to 11 crew in 6 cabins, as follows:

OWNER (Bridge Deck)	1 x King Suite
VIP (Main Deck)	1 x Full beam suite with balcony
GUESTS (Lower Deck)	3 x Double cabins 1 x Twin cabin 1x Maindeck Gym Garage beachclub aft
CREW	1 x Captain's cabin behind bridge 1 x Chief Engineer cabin 1 x Triple Crew Cabin 3 x Double Crew cabins

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## RECENT WORKS

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### **2024/ 2025**

New layer of antifouling  
New anodes  
Hull inspection  
ULTRA SOUND the stern ,

### **2023/2024**

New windows owners cabin  
Recaulking of teak decks  
New BBQ on the sundeck , new fridge , new icemakers  
New CCTV cameras  
Upgraded STEREO SYSTEM on deck and Interior  
New starlink installation with double antenna

### **2022/2023**

Up-grade domotica systems to Control4  
Application Ceramic coating on the hull and superstructure  
New custom sun awning on all decks aft  
New TV' s latest version in all cabins and area's  
New curtains and blinds everywhere  
New leather in the master cabin wall and bed headboard  
New wall lights in the master cabin  
New 65 inch TV in the Beach club  
Refurbished sundeck bathroom  
New crew / rescue tender

### **2021/2022**

Refurbishment owners bathroom  
All bathrooms in guest cabins upgraded with new sinks , fossettes and mirrors  
Lazarette conversion into beach club  
Replace LED strip-lighting in the entire yacht  
New ceiling light dining area  
New chairs at the dining table  
New leather seats at the bar in main saloon  
New Furniture in the main saloon  
New crockery and serving plates and glasses  
New deck sunbeds and new spare covers  
New deck Furniture and beach club Furniture  
New AC / cool air system in the beach club 2020

## **Painting & Deck**

- Full Paint job and fresh coat of bottom paint
- Full corrosion abatement
- Painting and detailing in engine room

## **Interior Refit**

- New upholstery in main salon sofas, lounges, dining chairs and accent pillows
- New curtains in the master cabin
- New stone flooring in main salon
- New stone around main salon bar
- New carpet in master, bridge, upper and lower foyers, and all guest rooms & crew cabins
- New leather bridge sofas and console
- New Leather Helm Seats

## **Engineering & Mechanical**

- Hot water boilers replaced
- Stern door and VIP balcony door removed and serviced
- Slew drives replaced
- Aft boarding ladder removed and serviced
- Side boarding ladder removed and serviced
- Navigation lights replaced with LED
- Clean and service main engine turbos
- Main engines full top end re-build
- Flush entire SW system with Barnacle Buster
- Flush Gearbox coolers with Barnacle Buster
- Sandblasting and ceramic coating both generator midships overboard exhaust outlets
- Replace/rebuild chilled water pump 1. Rebuild chilled water pump 2.
- Replaced AC SW pump 1. Rebuild AC SW pump 2.
- Flushing of SW pipework and refrigeration condensers
- Full air conditioning system service
- Replace both high pressure air compressors
- Replace both filter driers
- Removal and re-installation of new valves & expansion joints
- Rebuilding of both chilled water pumps
- Insulation of chilled water pumps, AC cabinet & pipework
- Both AHU A and B replace fans, motors and rails by H&H
- Install new fan coils & frequency drives on vessel
- Install new fan coil and frequency drive Owners state room Port FWD
- Install new blower in Owners cabin stbd aft fan coil unit.
- Install new fan coil in Owners cabin stbd FWD, VIP stbd FWD, crew port aft cabin, and crew

## **STBD cabin**

- Install new fan coil & frequency drive in galley port side and gymnasium
- Refrigeration system checked and serviced by H&H
- Stabilizers - full service
- Shaft clearances, propeller removal, coupling & seals removal, remove shafts, rudder bump test
- Remove & rebuild the shaft circulation pump
- Flush shaft cooling pipework with barnacle buster.
- Check and service all windlasses
- Replace Novec sensor and annual service
- New sea chest strainers
- Cleaning and inspection of Fresh Water tank 1
- Water maker pumps rebuilt and replace membranes on water maker systems
- Cleaning and inspecting of grey and black water tank
- Grey water tank pipework and drains descaled
- Professionally Flush all Black Water Pipework
- Overhaul of 2 EVAC vacuum pumps
- Master P-Trap - removable PVC design - grey water
- Replace both Grey water vacuum boxes in the Stbd Aft Cabin bilge with New
- Repair/replace plumbing under galley Sink.
- Professional cleaning of fuel oil tank 4, 5, and 6 for welding to take place in GW tank
- Install all lube oil bunker station valves
- Replace fire door motor main deck
- Servicing and regulation of all Pneumatic controlled items
- Replace Emergency Fire/Bilge Pump

## **2019**

- New iPad mini's installed in Main Salon, Sundeck and 2 lower Guest Cabins
- Gyro Compass Annual Service
- All Mediterranean & Caribbean Charts and Publications Corrected and up to date
- X-Band Radar Serviced and New Magnetron Installed (plus spare x-band magnetron onboard)
- S-Band Radar Serviced and New Magnetron Installed (plus spare S-band magnetron onboard)
- All Statutory Certificates maintained for Commercial Compliance
- Air Handlers serviced
- JetSurf serviced
- Sundeck and Owners Deck lounges reupholstered
- All safety equipment serviced (Including Fixed Fire Systems, Liferafts, Lifejackets, Fire Extinguishers, SCBAs, Medical Kit, Scuba Diving Equipment)
- Emergency and start batteries replaced for generators

## 2018

Ten year Lloyds special survey completed in San Diego, July 2018

### Works included

- Shafts pulled, inspected and signed off by Class
- Rudders dye panned and welded
- Shaft seals replaced
- Propellers inspected and found to be well balanced / in very good condition
- Stabilizers overhauled
- Hull inspected for thickness and then recoated
- Water tanks sand blasted and recoated
- New generators installed (Tier 3 compliance)
- All bilges de-rusted and repainted
- Completed 10 year hydro service on all fire suppression cylinders and then refilled
- Anchor windlass motors overhauled
- New underwater lights installed
- Sinks in Master Suite remodeled and updated
- Main distribution panels rewired
- New main engine and generators exhaust piping installed and signed off by Class
- New foredeck crane cable installed
- Full paint and antifoul of hull
- Novuania tender: Engine tuned, garage winch and new spectra cable installed
- New TV installed in lower Guest Cabin

### 2018 CONTINUED

- All hardwood floors refinished
- New carpet in Master Suite
- New Galley Stove Top
- New seating upholstery and flooring in the Crew Mess
- Aft quarters of top sides painted
- Seams in teak decking cleaned/replaced
- Aft deck lockers remodeled
- New Rational oven installed in galley
- Extra crew cabin installed aft
- Engineers cabin refit
- New frequency drive for the bow thruster installed
- Fire panels updated
- New gas detection system installed
- Teak replaced on the swim platform

### 2017

- Interior lights changed to LED
- Cablemaster system installed for shore power cords

### 2016

- New Sea Bobs installed

### 2015

- New anchor chains

### 2014

- Harmonic filter installed
- Jetskis replaced

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## EXCLUSION LIST

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All artwork and owner's personal effects. The artwork is for sale by separate agreement.

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## FOR MORE INFORMATION

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