

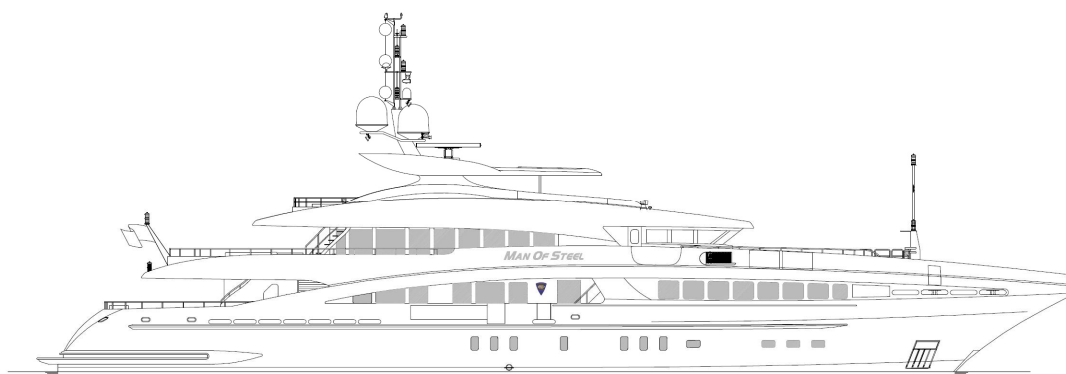


SHORT SPECIFICATION

FOR A

**HEESEN YACHTS
5000 DISPLACEMENT
STEEL / ALUMINIUM MOTORYACHT**

PROJECT: #13750



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



SHORT SPECIFICATION YN 13750

SPECIFICATION

| | |
|-----------------------------|---|
| Hull type: | Twin propeller motor yacht round bilge displacement |
| Naval Architect: | Heesen Yachts |
| Exterior Designer: | Omega Architects |
| Interior Designer: | Omega Architects / Mark Wallace |
| Classification: | Lloyds X 100A1 SSC YACHT [X] LMC Large Commercial Yacht Code LY2 / MCA |
| Material of Hull: | Steel |
| Material of Superstructure: | Aluminium |

DIMENSIONS

| | | |
|---------------------|----------------|---------------|
| Length over all: | 50,00 meter | 164' |
| Beam over all: | 9,60 meter | 31'6" |
| Draft: | 3,00 meter | 9'10" |
| Displacement (50%): | 475 tons | 1,047,400 lbs |
| Tonnage: | approx. 610 GT | |

TECHNICAL DETAILS

| | | |
|---------------------------|---------------------|------------------|
| Maximum speed (50% load): | 14,5 knots | |
| Range at 13 knots: | 3.500 Nm | |
| Range at 10 knots: | 6.000 Nm | |
| Fuel capacity: | 80,0 m ³ | 21,130 US Gallon |
| Fresh water: | 20,0 m ³ | 5,280 US Gallon |



SHORT SPECIFICATION YN 13750

PROPULSION SYSTEM

| | |
|-------------------------|--|
| Main engines: | 2× MTU 8V 4000 M70 |
| Maximum power: | 2× 1.160 kW |
| Gearbox: | 2× ZF 4661 |
| Engine control: | MTU MCS-5 type 1, three control stands |
| Waterlubricated shafts: | stainless steel 431 Ø 127 mm (5") |
| Propellers: | Schaffran five blade fixed pitch Ø 1.600 mm (5'3") |
| Generators: | 2× Kilo-Pak |
| Power: | 2× 150 kW at 50 Hz |
| Bowthruster: | electrically driven make HRP, 110 kW |
| Steering system: | Sperry Marine Systems, type 2.S.25.35.2 |
| Rudders: | Two stainless steel rudders with stainless steel 431 shafts |
| Stabilizer: | Stabilizing at anchor and at speed make VT Naiad, type 820 with 2 fins of approx. 4,17 m ² (44,9 sq ft) |



SHORT SPECIFICATION YN 13750

TECHNICAL

| | |
|-------------------------|--|
| Fresh water maker: | 2× HEM 30/3200 capacity 12.000 litres per day each |
| Hot water boiler: | 2× Nibe 300 litres (79.2 USG) capacity 13kW |
| Sanitary treatment: | Hamann miniframe 5.400 LPD (1426 GPD) |
| Grey/blackwater system: | EVAC |
| Fuel separator: | Westfalia OTC 2-02-137 of 1,150 L/h |
| Air-conditioning: | chilled water custom built Cooling capacity 170kW |
| Fresh Air supply: | Salor TZR 01-225 Cap. 2.555 m ³ /h (1,504 cu ft/min) |
| Search light: | 1× Sanshin RCL 600 |
| Anchor capstan: | 2× Staalart, two-speed |
| Anchor: | 2× HHP Pool –TW 360 kg (794 lb) |
| Anchor chain: | 2× 150 m (492'), U2 – quality 19 mm (0.75")studlink |
| Capstan: | 2× Staalart, reversing |
| Side Boarding Ladder: | Hydromar |
| Passarelle: | Hydromar |



SHORT SPECIFICATION YN 13750

| |
|------------------------------------|
| TENDERS AND SPORT EQUIPMENT |
|------------------------------------|

| |
|---|
| <p>Tenders and sport equipment are Owner's delivery. The design criteria for tenders and jet-ski's are foreseen as follows:</p> |
|---|

| |
|--|
| <p>The net opening of the transom hatch is $B \times H = 4,82 \times 1,5$ m (15'9" \times 4'11")</p> |
|--|

| |
|--|
| <p>There are two tender tracks located in the tender garage:</p> |
|--|

- | |
|--|
| <ul style="list-style-type: none">- Starboard side maximum tender length is 7,5 m (24'7")- Port side maximum tender length is 7 m (23') |
|--|

| |
|--------------|
| NOTES |
|--------------|

| |
|--|
| <p>All our short specifications are with reservation of in between changes</p> |
|--|

END OF SPECIFICATION