



- luxury yachting -

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# THE BRAND LA MARQUE

H -LUXURY  
YACHTING- A  
PASSION FOR  
PERFECTION  
Born with the  
collaboration of  
industrials, engineers,  
designers and decorators  
gathered around the  
pursuit of excellence, H  
-Luxury Yachting- is one  
of the best luxury yachts  
brand.  
Majestic and refined, H  
-Luxury Yachting- means  
luxury, leading-edge  
technology, performance,  
matchless first class  
quality finishes and  
passion.

Who selects the  
excellence, selects H  
-Luxury Yachting-.

H -LUXURY  
YACHTING- UNE  
PASSION POUR LA  
PERFECTION  
Née d'une collaboration  
entre industriels,  
ingénieurs, designers  
et décorateurs réunis  
par la recherche de  
l'excellence, H -Luxury  
Yachting- est l'une des  
meilleures marques  
de yachts de luxe.  
Majestueuse et raffinée,  
H- Luxury Yachting- est  
synonyme de luxe, de  
technologie de pointe, de  
performance, de finition  
sans égale et de passion.

Qui choisit l'excellence  
choisit H -Luxury  
Yachting-.





## H -LUXURY YACHTING-, THE PASSION FOR PERFECTION

The success of H -Luxury Yachting- is based on its teams, their know-hows and states of minds. It is also built on strong values which make the brand singular.

4 values are the backbone of our common culture:

- Performance requirements
- Listening and customer satisfaction
- Respect for humans and commitments
- Respect for the environment

## H -LUXURY YACHTING-, UNE PASSION POUR LA PERFECTION

La réussite de H -Luxury Yachting- repose sur ses équipes, leur savoir-faire et leur état d'esprit. Elle est également fondée sur des valeurs fortes, signes distinctifs de la marque.

4 valeurs qui forment le socle de notre culture commune :

- Exigence de résultats
- Écoute et satisfaction du client
- Respect des hommes et des engagements
- Respect de l'environnement.

# HARUN

## HARUN, THE FLOATING PALACE

Born of the imagination of the best designers on the planet, Harun is the first masterpiece of the brand. Hundreds of people worked together around the world on the Harun project. After years of collaboration, the project became reality. Real jewel on the water, Harun allies aestheticism, design and technology to offer to his hosts the tranquillity and the luxury which they look for.

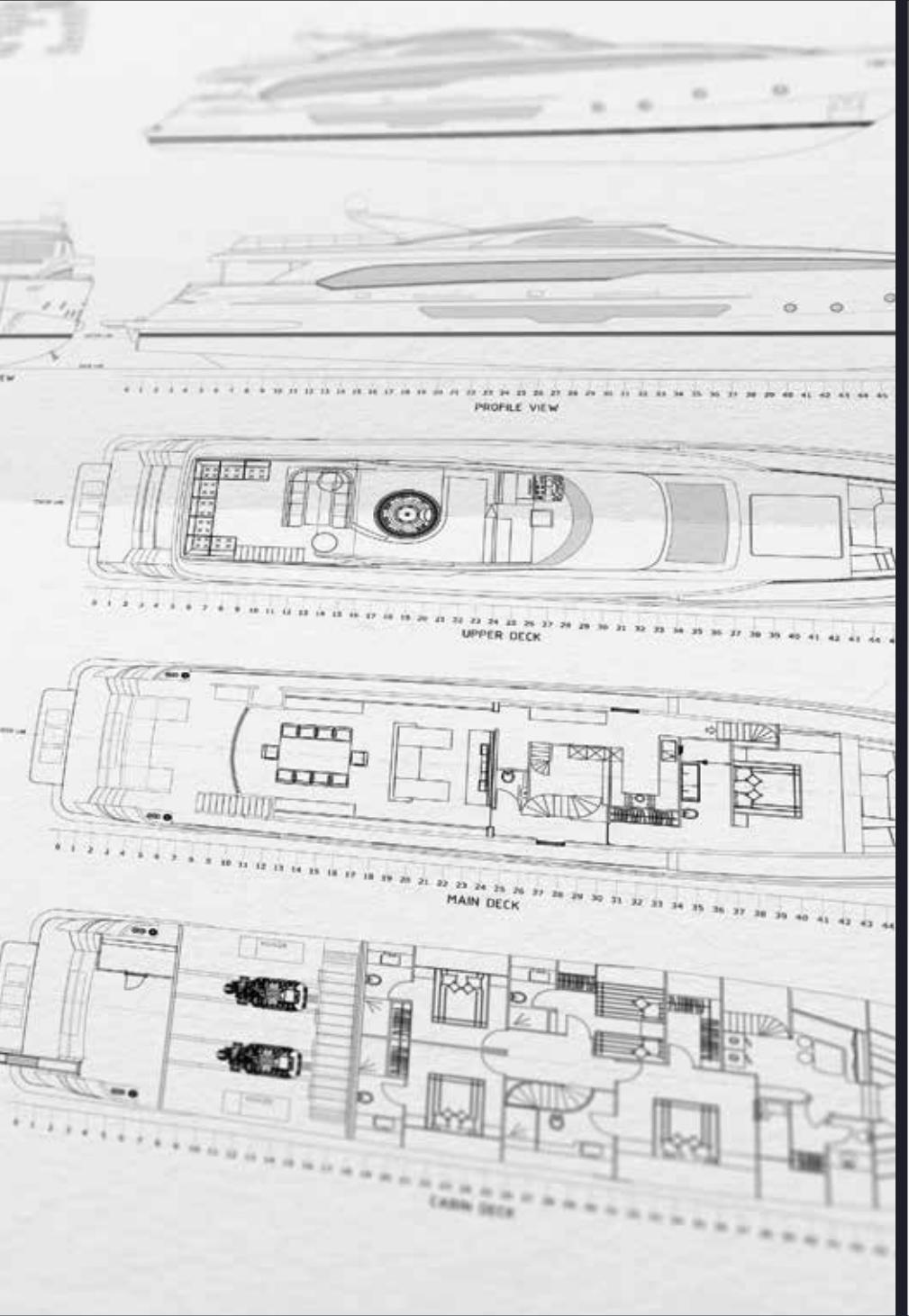
## HARUN, LE PALACE FLOTTANT

Né de l'imagination des meilleurs designers de la planète, Harun est le premier joyau de la marque. Plusieurs centaines de personnes ont travaillé main dans la main à travers le monde sur le projet Harun. Après des années de collaboration, le projet est devenu réalité. Véritable écrin sur l'eau, Harun allie esthétisme, design et technologie pour offrir à ses hôtes la tranquillité et le luxe qu'ils recherchent.



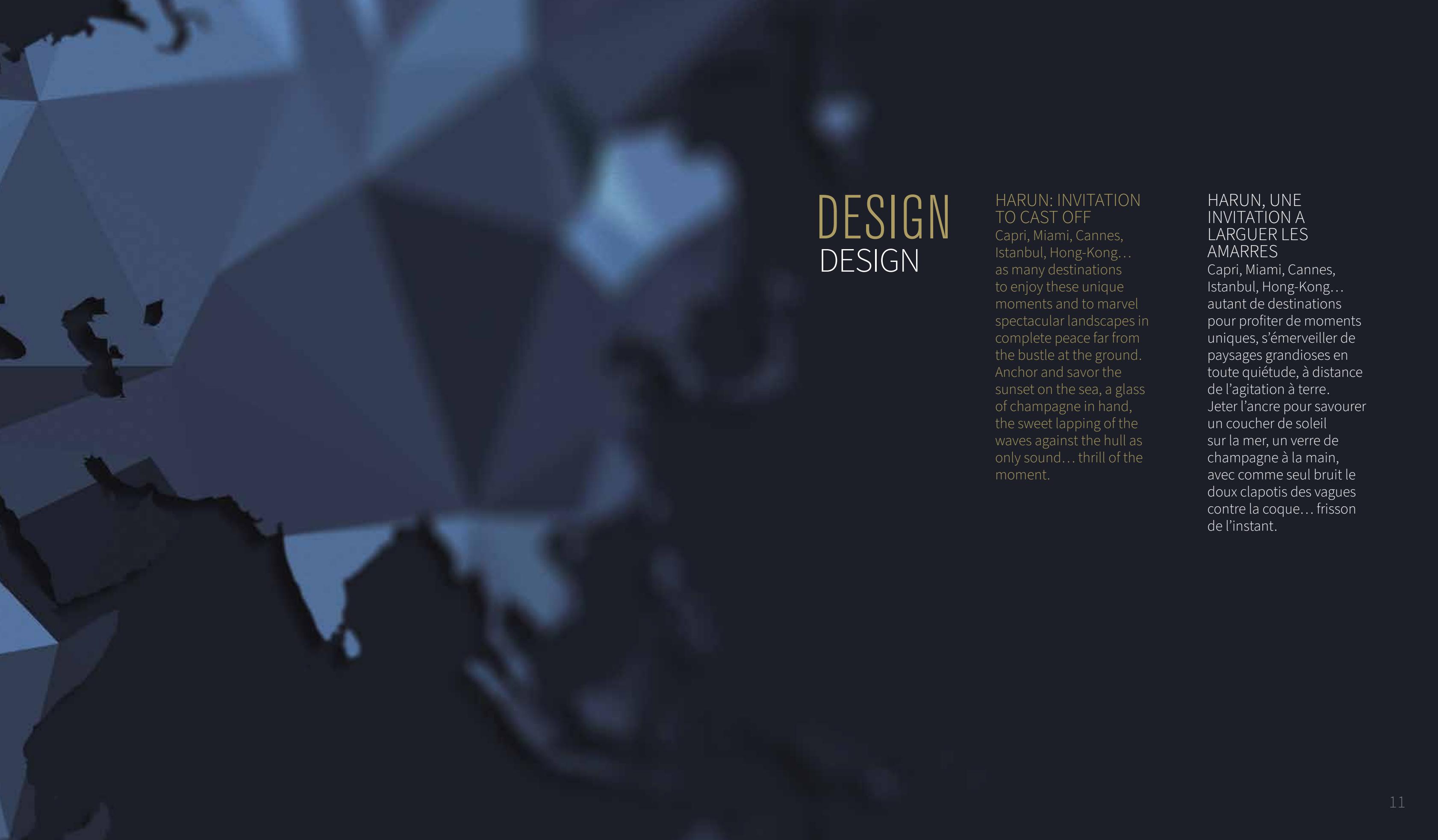
# FROM DREAM TO REALITY

DU RÊVE À LA RÉALITÉ









# DESIGN DESIGN

## HARUN: INVITATION TO CAST OFF

Capri, Miami, Cannes, Istanbul, Hong-Kong... as many destinations to enjoy these unique moments and to marvel spectacular landscapes in complete peace far from the bustle at the ground. Anchor and savor the sunset on the sea, a glass of champagne in hand, the sweet lapping of the waves against the hull as only sound... thrill of the moment.

## HARUN, UNE INVITATION A LARGUER LES AMARRES

Capri, Miami, Cannes, Istanbul, Hong-Kong... autant de destinations pour profiter de moments uniques, s'émerveiller de paysages grandioses en toute quiétude, à distance de l'agitation à terre. Jeter l'ancre pour savourer un coucher de soleil sur la mer, un verre de champagne à la main, avec comme seul bruit le doux clapotis des vagues contre la coque... frisson de l'instant.



Harun engineers and designers teams thought the smallest detail to device your ship and offer to you an unforgettable cruise memory. With its captivating curves, Harun is an exceptional boat built with precious materials reputed for their reliabilities.

Les équipes d'ingénieurs et de designers d'Harun ont pensé aux moindres détails pour concevoir votre navire et vous offrir une expérience de croisière inoubliable. Ses dessins envoûtants en font un navire d'exception avec ses matériaux précieux et réputés pour leur fiabilité.





IN FOCUS: THE PERFORMANCE AND THE ELEGANCE  
37,6 meters of pure design, sober lines without ostentation but oriented towards the perfection. Its curves are enough to affirm his style to provide with an unforgettable memory.

EN LIGNE DE MIRE : LA PERFORMANCE ET L'ELEGANCE.  
37,6 mètres de pur design, aux lignes sobres, sans ostentation, mais élancées vers la perfection. Ses formes suffisent pour affirmer son style, marquer les esprits.







LEGEND

- 1 • jacuzzi
- 2 • lounge
- 3 • bar
- 4 • dining table
- 5 • sun bath
- 6 • jet ski platform



External spaces are dedicated to exceptional relaxation with jacuzzis, spas and lounges. It is time for midnight swim, idleness under a radiant sun and convivial moments : the jet ski platform can be used to place a table for the diner. In a place like no other, you can live a dream setting on the sea.

Les espaces extérieurs, dédiés à la détente d'exception avec jacuzzis, spas et salons. Place aux bains de minuit, au farniente sous un soleil radieux, et aux moments conviviaux : la plateforme levante à jet ski pourra servir à dresser une table pour un dîner les pieds dans l'eau, au milieu d'un décor idyllique, écrin de rêve posé sur l'eau.

















SUMPTUOUS DESIGN,  
REFINED FINISHES. HARUN,  
THE LUXURY INSTINCT

Inspired by the most beautiful  
insides of world prestigious places  
, the Harun design is a real bridge  
between the old materials nobility  
and the delight of contemporary  
matters.

Harun designers and decorators  
made paid the highest attention to  
provide you with the french touch for  
a neat inside where each object finds  
harmoniously its place. Harun leaves  
nothing to chance.

UN DESIGN SOMPTUEUX,  
DES FINITIONS RAFFINEES.  
HARUN, L'INSTINCT DU LUXE.

Inspiré des plus beaux intérieurs  
des lieux prestigieux de la planète,  
le design du yacht Harun est une  
véritable passerelle entre la noblesse  
des matériaux anciens et la volupté  
des matières contemporaines.

Les designers et décorateurs d'Harun  
ont mis un point d'honneur à vous  
offrir la touche française pour un  
intérieur soigné, où chaque objet  
trouve sa place harmonieusement.  
Harun n'a rien laissé au hasard.



INTERIOR DESIGN  
DESIGN INTÉRIEUR





## THE FIREPLACE: THE SPARK OF THE BOAT

The surprising fireplace at the heart of the boat is the promise of an original experience and an unequalled intimate atmosphere to enjoy unexpected savours.

## LA CHEMINEE, LA FLAMME DU NAVIRE

En plein cœur du yacht, la surprenante cheminée promet une expérience originale et une ambiance intimiste inégalée pour jouir de saveurs insoupçonnées. Un diamant brut posé dans la salle de réception, offrant d'authentiques moments inoubliables, près du feu, près de l'eau.











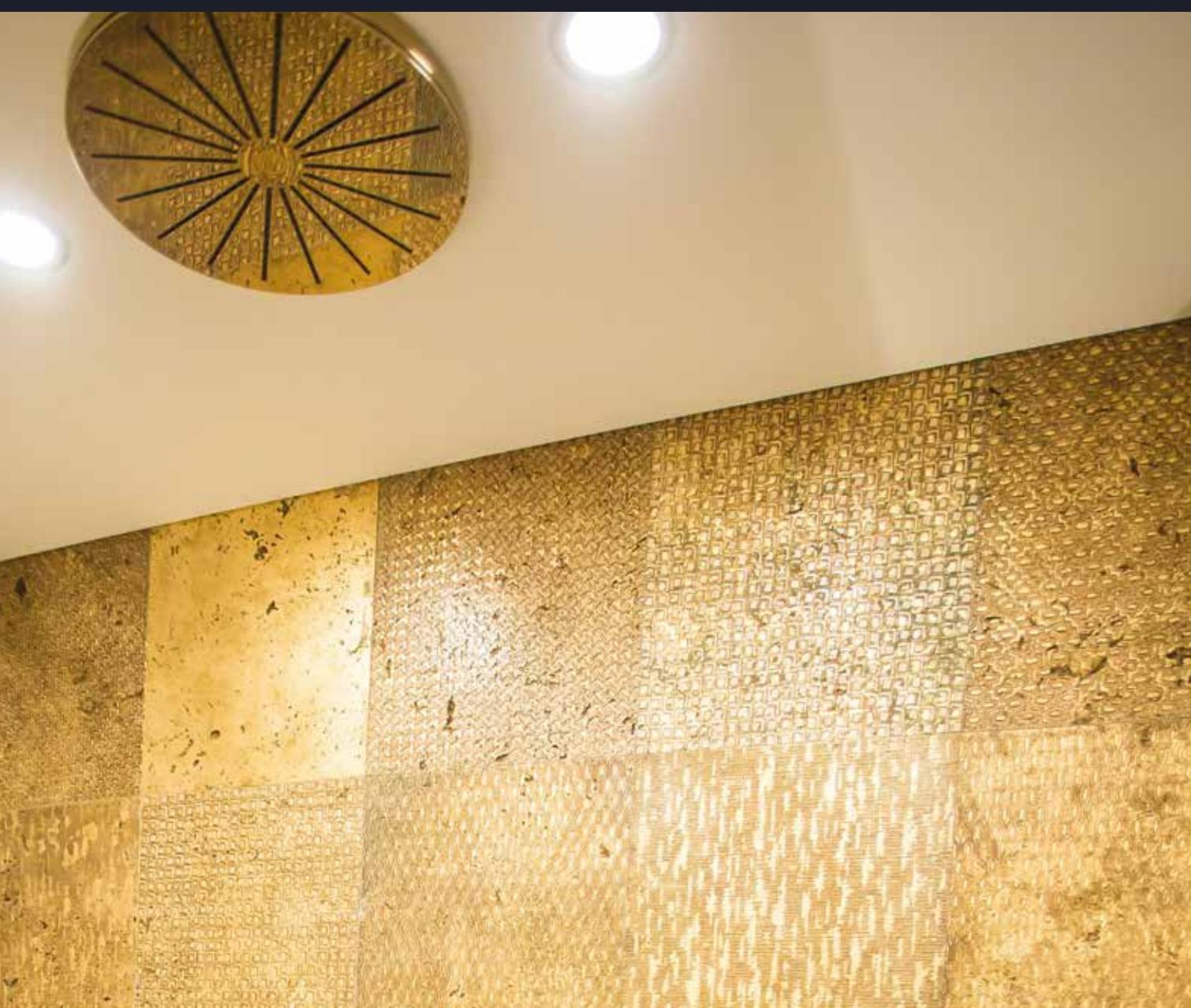


## THE MAJESTIC LUXURY OF THE SUITES

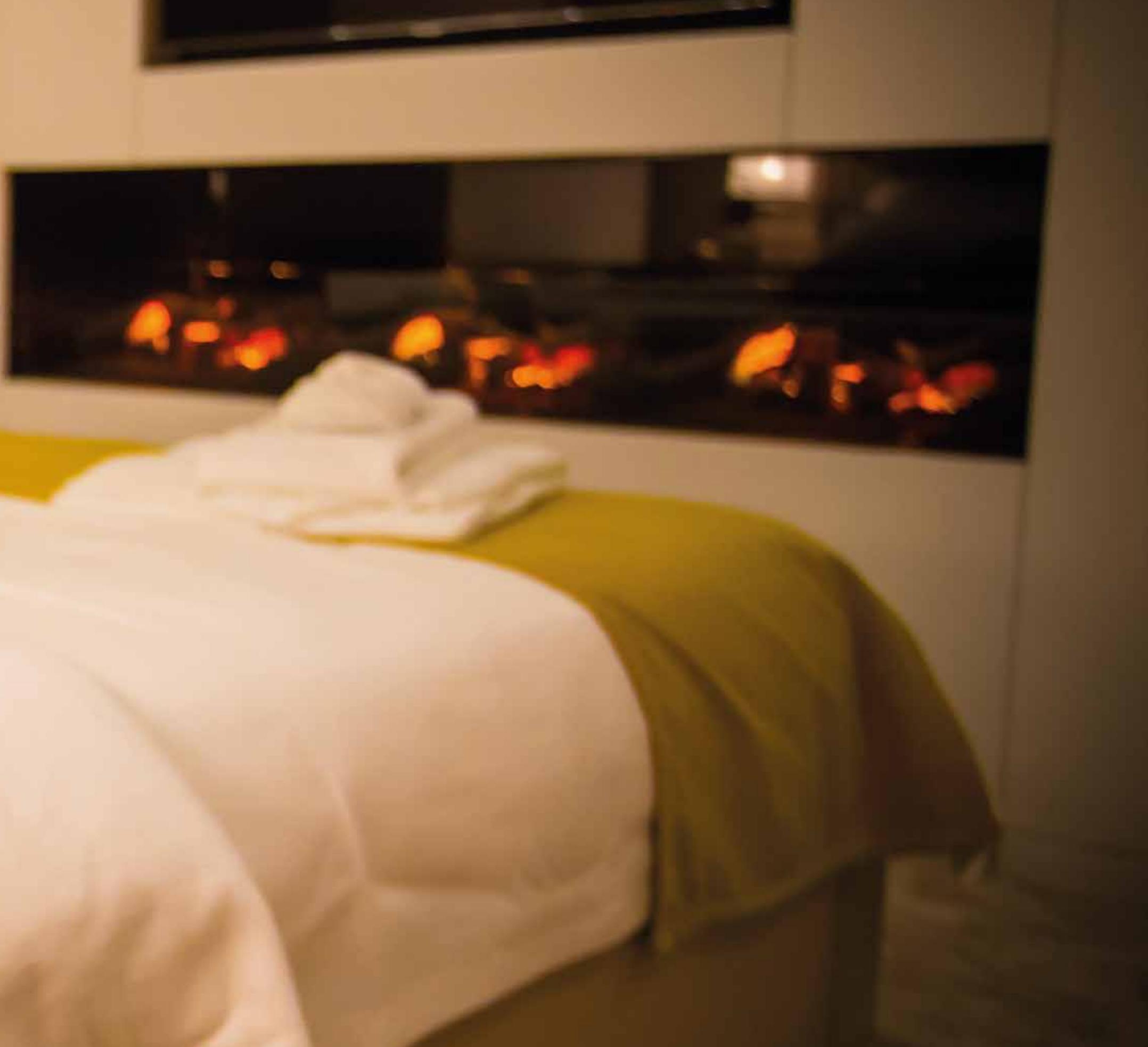
You can greet until 10 guests, in the 3 luxurious suites, the Master cabin and in the VIP suite that offer princely services.

## LE LUXE MAJESTUEUX DES SUITES

Vous pouvez accueillir jusqu'à 10 personnes dans 3 suites luxueuses, dans la chambre Master et dans la chambre VIP qui offrent des prestations princières.







#### MASTER ROOM

##### - MAIN DECK - INESTIMABLE

Spacious and distinguished, the MASTER room on the main deck offers exceptional services. It proposes the best of the high-end model together with a disarming charm. Its extreme refinement, reflected by the smoked mirror bookcase and the wonderful wooden ceiling will transport you beyond seas and oceans in an unimaginable comfort.

#### CHAMBRE MASTER

##### - PONT PRINCIPAL – L'INESTIMABLE

Spacieuse et racée, la chambre MASTER du pont principal offre des prestations exceptionnelles. Elle propose le meilleur du haut de gamme conjugué à un charme désarmant. Son raffinement extrême, à l'image de sa bibliothèque en miroir fumé et son magnifique plafond panoramique, vous transportera au-delà des mers et des océans. Profitez de la terrasse privative de la chambre avec jacuzzi : une vue incroyable en poupe pour un spectacle dans un confort insoupçonné.





### A SUMPTUOUS PANORAMIC CEILING

Your MASTER bedroom's panoramic glass ceiling adds a unique loveable touch. Bathed with sunlight during the day, you will be able to gaze at the beauty of the stars at night laying on your soft bed, in total privacy and comfort.

Yet another magic touch.

### UN PLAFOND PANORAMIQUE SOMPTUEUX

Le plafond panoramique en verre de votre chambre MASTER a ce petit quelque chose d'exceptionnel que l'on aime tant. Une invitation à profiter de la lumière naturelle, contempler la beauté des étoiles allongé sur votre lit moelleux, tout en jouissant d'une intimité et d'une douceur incomparables.

Une touche de magie. Une de plus.











### VIP SUITE LOWER DECK - THE QUIET

Bright with an enchanting elegance, the VIP suite of the lower deck has been thought as a real haven of peace. Soft carpet, large mirror with integrated television, magnificent foldable dressing table for more space in the bathroom... these sumptuous appeals are as many invitations for relaxation and pleasure.

### SUITE VIP - PONT INFERIEUR – LA QUIETITUDE

Lumineuse et à l'élégance enchanteresse, la suite VIP du pont inférieur a été pensée comme un véritable havre de paix. Moquette moelleuse, grand miroir avec télévision intégrée, magnifique coiffeuse avec plan de travail qui sait se faire oublier pour plus d'espaces dans la salle de bains... Ses attraits fastueux sont autant d'invitations à la détente et au plaisir.







A JEWEL DESIGNED BY THE  
TOP DESIGNERS IN THE  
WORLD

Architects, designers, decorators,  
industrialists: the largest German,  
English, French, Italian and  
even Japanese brands have  
come together to design the  
masterpiece Harun. Extraordinary  
men and women at your service  
and working in the same  
direction. Their combined skills  
have led to a stunning yacht. A  
work of art on water. Just for you.

UN JOYAU CONÇU PAR LES  
PLUS GRANDS DESIGNERS  
DE LA PLANÈTE

Architectes, concepteurs,  
décorateurs, industriels : les plus  
grandes marques allemandes,  
anglaises, françaises, italiennes  
ou encore japonaises se sont  
réunies pour façonner le bijou  
Harun. Des hommes et des  
femmes extraordinaires à votre  
service et œuvrant dans la même  
direction. Ces compétences  
réunies offrent un yacht sublime.  
Une œuvre d'art sur l'eau. Juste  
pour vous.



ele  
M  
TIN  
JUNG A™  
CERAMICHE  
&  
DESIGN



SENSUALITÉ®

SUPER SOFT CARPETS

F®  
D

Avantgarde

**FANTINI**  
RUBINETTI

Ovalles  
PARIS

volo  
Knoll

L'ANTIC COLONI  
Inspiring so

# ON-BOARD COMFORT

## CONFORT À BORD

### AUDIO AND VIDEO EQUIPMENT AVAILABLE EVERYWHERE

Enjoy the central data system in every space and add your films, videos, photos. The e-media system, easy to use, can be managed by remote control or all kind of smartphone.

**UN EQUIPEMENT AUDIO ET VIDÉO DISPONIBLE, OU QUE VOUS SOYEZ**  
Dans chaque espace, vous pouvez profiter du système central de données dans lequel vous pouvez ajouter vos films, vidéos, photos. Le système e-media, simple à utiliser, peut être géré par télécommande ou par tout type de smartphone.

### LIMITLESS AIR CONDITIONING

Every room and suite of the boat are equipped with an innovative air conditioning system. For your comfort under all conditions.

### L'AIR CONDITIONNE SANS LIMITE

Toutes les pièces et chambres du navire sont équipées d'un système d'air conditionné innovant. Pour votre confort en toutes circonstances.

### A BOAT NAMED DESIRE

You can personalize the Harun yacht at will. If the boat structure does not change, all things on board can be customized. By selecting yourself furnitures, household appliances, finishes, design, decoration, layout, etc. you create a unique and exceptional boat, that suits you.

### UN NAVIRE NOMMÉ DESIR

Le yacht Harun est personnalisable à souhait. Si la structure du bateau ne change pas, tout ce qui se trouve à bord peut être personnalisé. En choisissant vous-même le mobilier, l'électroménager, les finitions, le design, la décoration et l'agencement; vous élaborez un navire unique et exceptionnel, à votre image.





## HARUN, A TECHNOLOGICAL PROWESS

With its leading-edge equipments, the Harun yacht is a jewel of technology. This prowess has been possible thanks to know-hows of the engineers of H -Luxury Yachting-

## HARUN, UNE PROUESSE TECHNOLOGIQUE

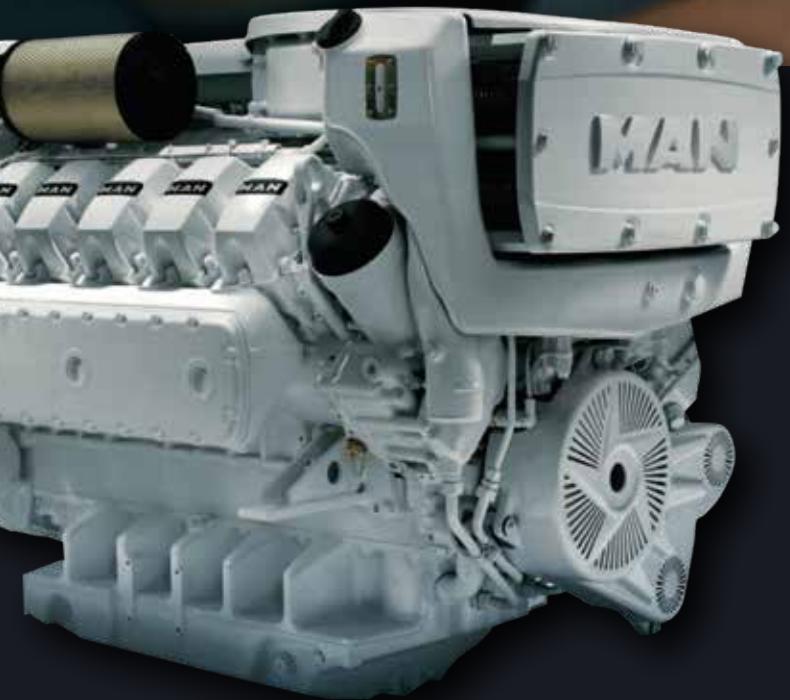
Le yacht Harun, avec ses équipements de pointe, est un bijou de technologie. Une prouesse réalisée grâce au savoir-faire des ingénieurs de H -Luxury Yachting-





# TECHNOLOGY

## TECHNOLOGIE



### HARUN, AN ENGINEERING OF PRECISION

After long years of research and development, Harun offers the best of shipbuilding. With its 37,6-meters long, Harun combines an impressive potential of nautical performances together with

elegant lines, sleek and sporting design. Technological prowess, performances and security: Harun gathers the highest standards of manufacturing for an optimal seakeeping and aims at perfection for your greatest satisfaction.

### HARUN, UNE INGENIERIE DE PRECISION

Issu de longues années de recherche et développement, Harun offre le meilleur de la construction navale. Avec ses 37,6 mètres de long, Harun allie un impressionnant potentiel de performances

nautiques à une ligne élégante, sobre et sportive. Prouesses technologiques, performance et sécurité : Harun réunit les critères de fabrication les plus élevés et vise la perfection pour votre plus grande satisfaction.

## A GEM EQUIPPED WITH THE BEST RADARS IN THE WORLD

The Harun gem is equipped with state-of-the-art technologies, of which Furuno's NavNet 3D radars, the first Ultra High Dimension Digital radars in the world.

## UN BIJOU EQUIPE DES MEILLEURS RADARS DU MONDE

Le bijou Harun est équipé des dernières technologies. Parmi elles, les radars NavNet 3D de Furuno, les premiers radars à ultra haute définition (UHD) dans le monde.

La technologie UHD offre une présentation

UHD technology offers noise-free target presentation with real-time digital signal processing. Each signal is processed simultaneously by the radars. The radar's antenna rotation speed constantly adapts to the scan transmissions. The dual-range radars are equipped with NavNet 3D

des cibles sans aucune interférence avec un signal numérique en temps réel. Chaque signal est traité immédiatement par les radars. La vitesse de rotation de l'antenne s'adapte en permanence aux données recueillies par les capteurs. Les radars à double échelle sont dotés de la technologie à balayage

simultaneous scanning technology, offering unsurpassed target presentation. Two separate radar ranges are displayed simultaneously on your NavNet 3D screen. The radar antenna rotation speed (24/36/48 rpm) is automatically shifted to the appropriate pulse length.

simultané de NavNet 3D, offrant un niveau de détection des cibles encore jamais égalé dans le monde. Deux échelles de radar séparées sont affichées simultanément sur votre écran NavNet 3D. Enfin, la vitesse de rotation de l'antenne (24-36-48 tours/minute) passe automatiquement à la pulsation appropriée.





A REVOLUTIONARY AUTOMATIC PILOT  
NAVPILOT is a revolutionary autopilot with a sunlight viewable display for added comfort.  
It utilizes a self-learning and

UN PILOTE AUTOMATIQUE REVOLUTIONNAIRE  
Le NAVPILOT est un pilote automatique révolutionnaire avec un écran lisible en plein soleil pour plus de confort.

adaptive software algorithm. NAVPILOT plays the ultimate role in course-keeping capability and dynamically adjusts essential parameters during navigation. It takes into account parameters such as vessel

speed, draught, tide and wind effects, weather and more. These parameters are all stored in system memory and continuously optimized. Enough to quietly take in the most beautiful landscapes on earth.

la marée, le vent, la météo etc. Tous ces paramètres sont enregistrés dans la mémoire du système et optimisés en permanence. De quoi profiter paisiblement des plus beaux paysages de la planète...

## TWO JACUZZIS FOR OPTIMAL WELL-BEING

On board, enjoy two Jacuzzis for increased comfort. The first whirlpool is located on flybridge a few steps away from the bar. This 2.40m diameter spa can sit up to 7 people.

**DEUX JACUZZIS POUR UN BIEN-ETRE OPTIMAL**  
A bord, vous pourrez tranquillement profiter de deux jacuzzis pour un confort maximal. Le premier, situé à deux pas du bar sur le flybridge, est un spa de 2,40 m de diamètre pouvant accueillir jusqu'à 7 personnes. Un havre de paix avec ses 28

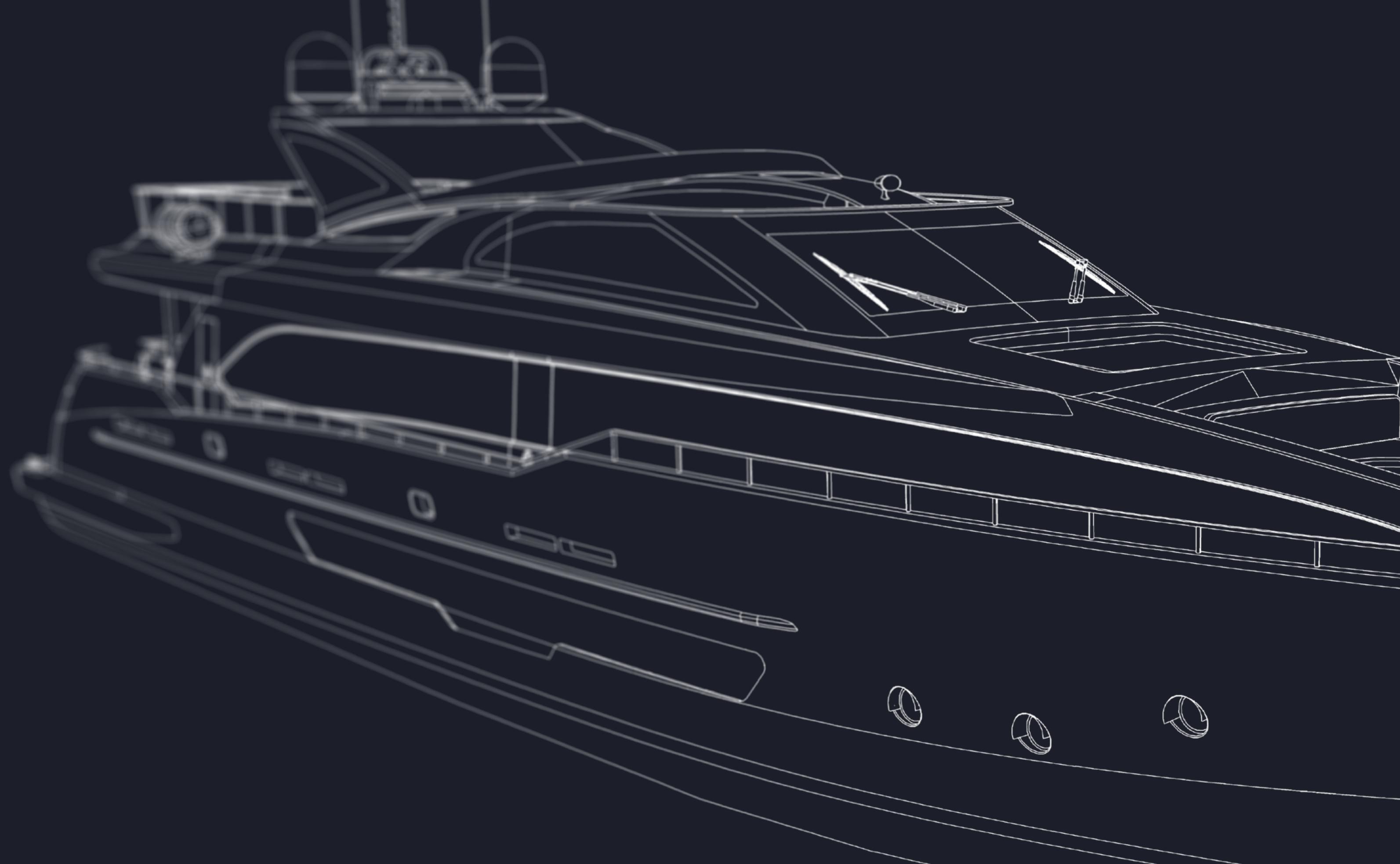
A peace haven with 28 hydro massage jets (directional, swirl or through nozzles installed around the bath) and thermoformed non-slip seats. A heater keeps the water at a constant temperature. The spotlights are under water. Nothing but pleasure and delight.

jets hydromassants (directionnels, rotatifs ou en périphérie de la buse) et ses sièges thermoformés avec assise et fond antidérapants. L'eau est maintenue à température constante grâce au réchauffeur. Les spots sont immergés. Du plaisir, rien que du plaisir. Le second, installé au cœur de

la terrasse privative de votre majestueuse chambre Master sur le pont avant, est un spa rond autoportant en acrylique, équipé d'une banquette périphérique offrant 5 places assises et 2 marches avec surface profilée. Du bonheur à consommer sans modération avec un verre à la main sous un soleil radieux.

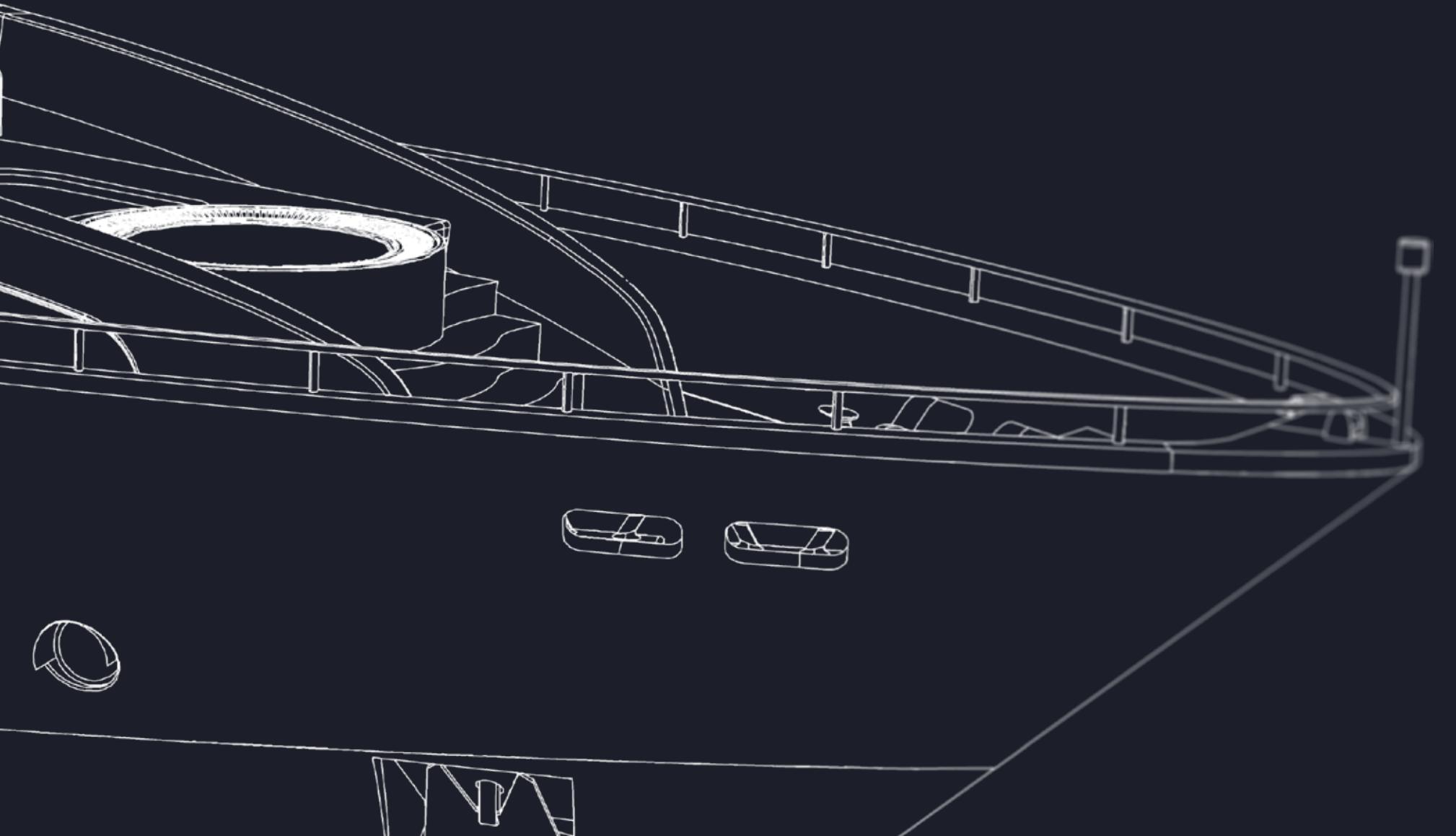






# TECHNICAL SPECIFICATIONS

SPÉCIFICATIONS TECHNIQUES



## Dimensions

LOA	37.6m
LWL	31.4m
Navigation beam	7.7m
Draft	1.65m
Displacement	155 tons
Bridge clearance (antennas down)	9.5m



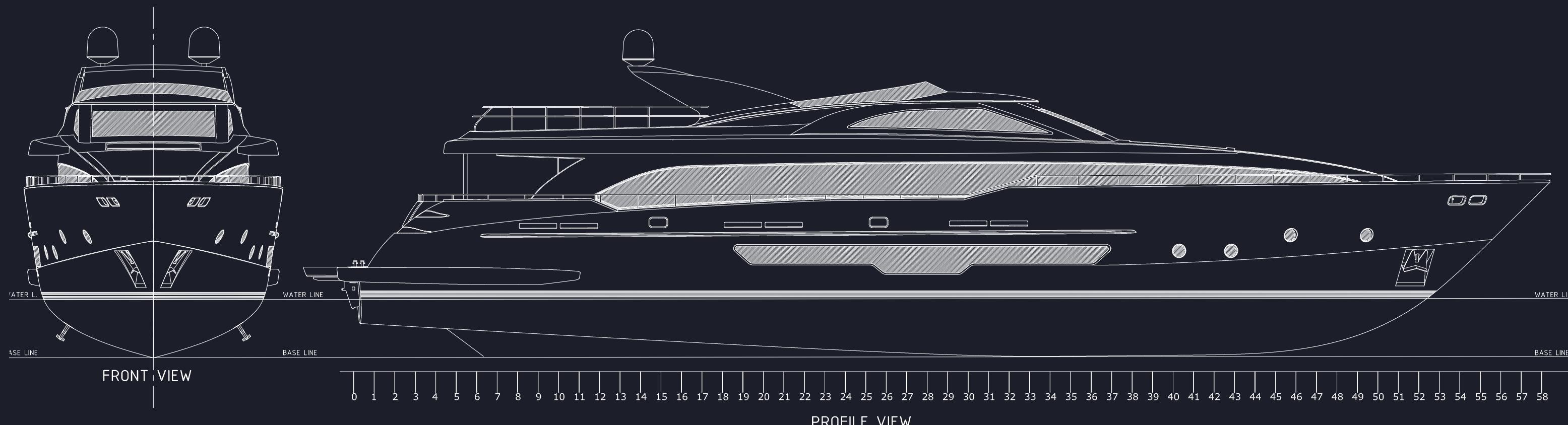
**Classification Society:**  
RINA Charter Class  
**Notation:** Short Range EFP  
Conformed to MCA rules

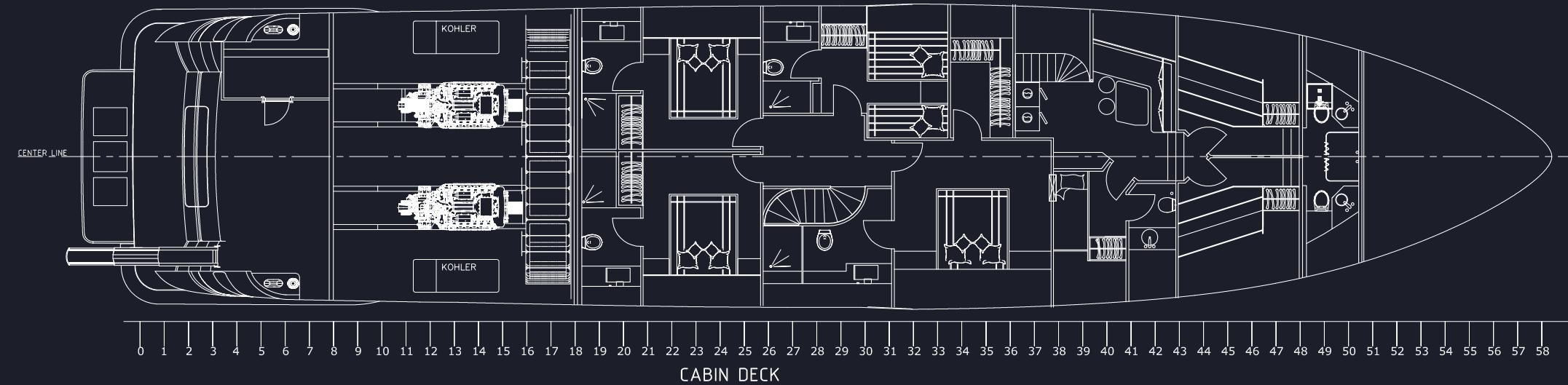
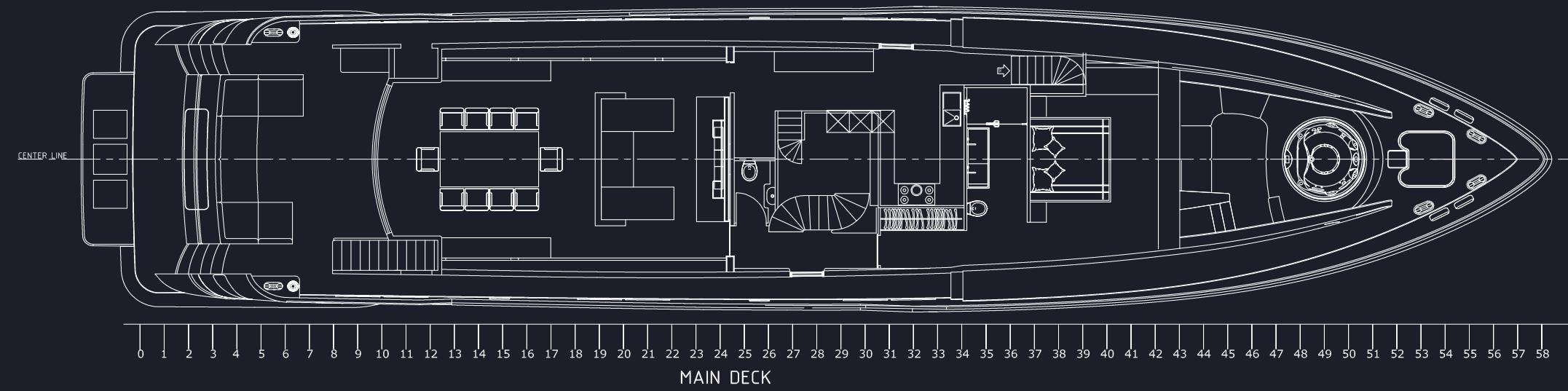
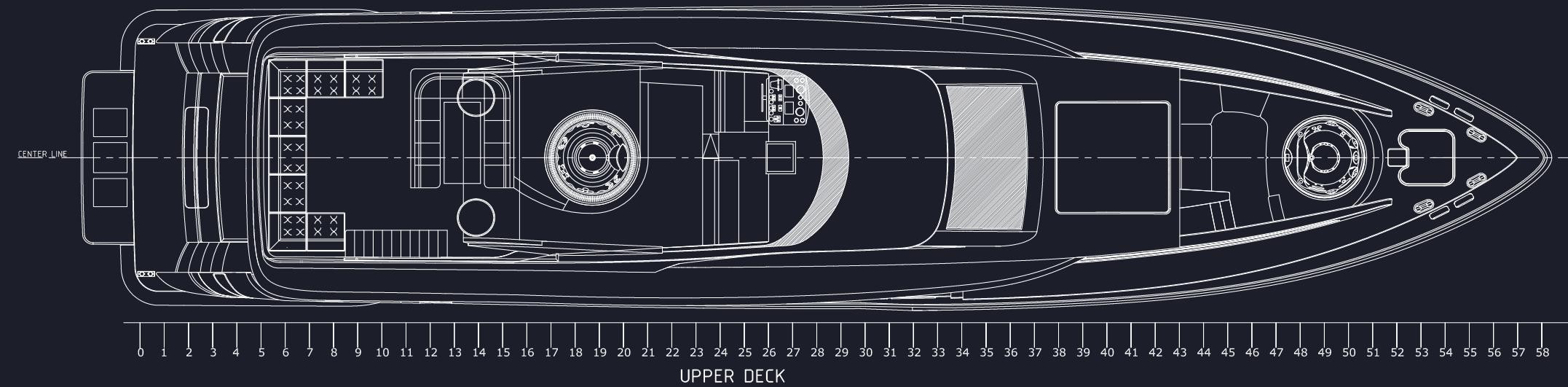
## Hull and Superstructure

The yacht hull and superstructure is planked mahogany hull 4 layers and marine plywood laminated superstructure with epoxy coated fiberglass (on hull 2 layers of 300 gms/m<sup>2</sup> and on the superstructure and decks one layer of 300 gms/m<sup>2</sup>) painted with International Marine Paint and preparation filler and primer. All scantlings to follow the Architect's classification society approved plans.

## Structural Members

The Vessel will have longitudinal & transverse structural members as well as structural & watertight with min 4 watertight cored bulkheads located at forward , between guests and crew cabin and aft and forward of engine room.





## Propulsion (twin engine)

Make	MAN
Model	D2862 LE432
Horsepower	1200BHP – 2100 RPM
Cruise Speed	12 knots
Max Speed	15,5 knots
Est. Max Range	1000 miles at 12,5knots

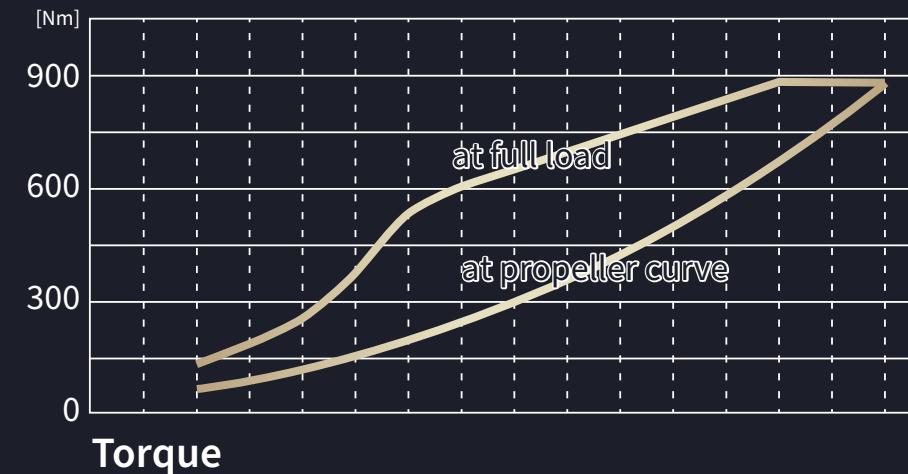
## Engine Specs

Main Engines with “ZF 3050A GearBox 3.28:1 Reduction Ratio”. 2 helm stations plus one remote and trolling valve and fixed pitch NAB propellers.

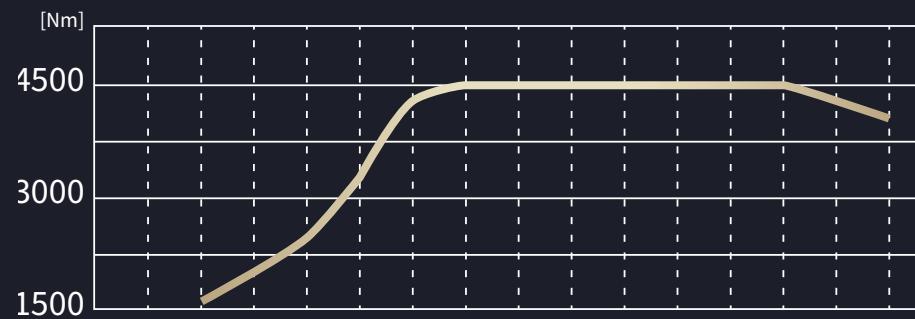
120 A alternator	4 pieces
Down oil sump	2 pieces
Oil drain pump for Motor/ Gearbox	2 pieces
Changeable paper air filter	4 pieces
Water-cooled exhaust manifold	2 pieces
Water-cooled Turbo	4 pieces
Exhaust mast	2 pieces
Exhaust compensator	2 pieces
Elastic wedges for motor	8 pieces
Tool set	1 piece
Analog indicator set	2 pieces
LCD indicator	2 pieces
2000/18 Water diesel separator	2 pieces
ZF unit control	2 pieces
Live PTO SAE C (650 Nm)	2 pieces
EIPP certification	2 pieces

## Power charts D2862 LE 432

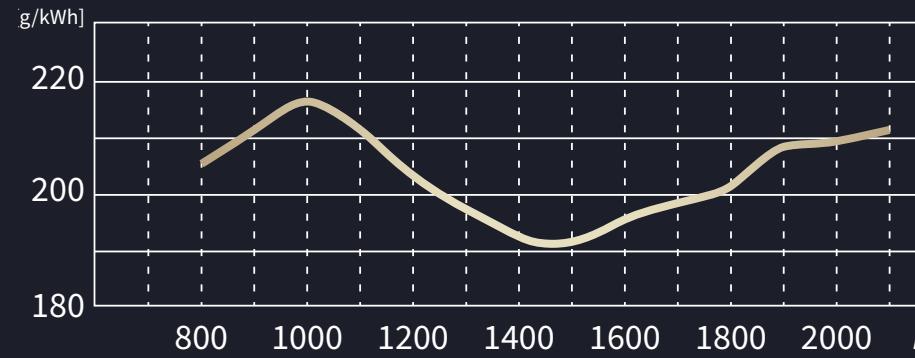
### Power



### Torque



### Specific fuel consumption (full load)



## Tankage

All tankage to be separately constructed and non-integral. Fuel Tanks to be built of Stainless Steel, Fresh water tanks and black / grey water to be in polyethylene . Bolted manholes or access covers and visual inspection will be provided on all tanks. The tanks have been tested with air pressure and soapy water.

### **Capacities:**

Fuel	16,500lts
Water	3,750lts
Black Water	1,500lts
Gray Water	1,500lts

## Power generation

Twin, KOHLER Generators 70 Kw each marine diesel generators with sound shield and the Kva of the generators to be decided based on load factors and power requirements to the satisfaction. The power generation system was designed in 2 parallel systems to insure electricity in the cause of one them could be broken.

### **Technical specifications:**

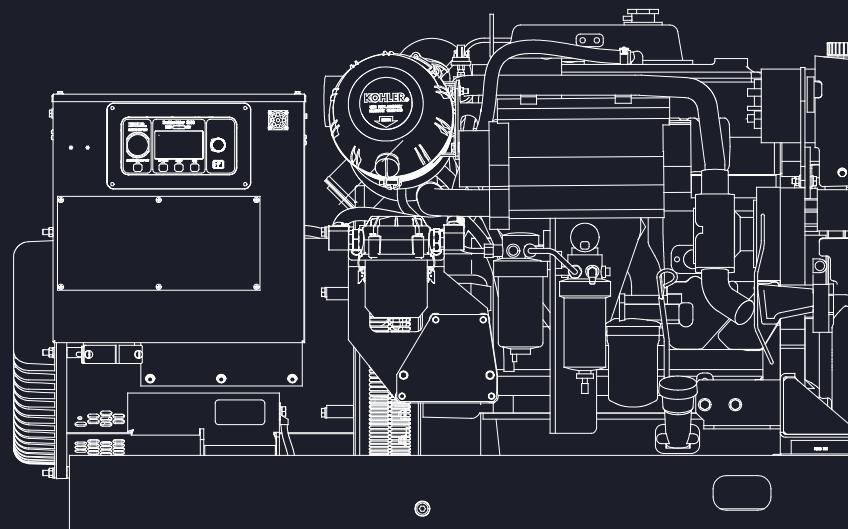
2 Kohler 70 EFOZD diesel marine generator (70kw/380VAC/50Hz)
Dec 3 + 24V controller
Standard vibromounts
Soundshield
Remote panel
100 feet harness
Line circuit breaker
Safe guard breaker
Centek water lock
Centek gas separator

## Electrical System

Electrical system is conformed at Rina certification and worldwide systems. All component and products used for electrical circuit are validated by known certifications organism. Electrical system is managed by software which transfers automatically the power between generators in risk case.

### **Details of installation:**

<b>Cable assembly</b>	ÜNTEL
<b>Ground cable</b>	NYF
<b>Battery system</b>	SONNENSCHEIN
<b>Converter group</b>	NEWMAR / AGF / MASTERVOLT
<b>Electric pipe</b>	LEGRAND
<b>Electric fireproof hose</b>	WHITE MÜLLER
<b>Home power distribution panel IP55</b>	SCHNEIDER
<b>Transformator</b>	MERSAN
<b>Inverter group</b>	MASTERVOLT



## Electronics

- World-wide navigation FURUNO electronic package with the latest navigation and telecommunication system
- Security (5) 360 deg moving color cameras and Surveillance system
- Ship's alarm systems & monitoring system for all fuel and water tanks
- Bilge tank overflow / Bilge pumps , navigation lights and openable port hole indicators with alarm system
- Equipped by satellite TV and Internet

### *Details of electronic equipment:*

<b>Navnet multifunction black box display / 12-24 VDC - MFDBB</b>	2 pieces
<b>AIS FA-50 Furuno B Class</b>	1 piece
<b>GVA 100 – DB1 Combined Antenna</b>	1 piece
<b>WIND INSTRUMENT - Rowind sensor / CV7</b>	1 piece
<b>WIND DISPLAY - FI 501/FI 5002</b>	2 / 2 pieces
<b>Rudder display - FI 506</b>	2 pieces
<b>Multi display - FI 507</b>	2 pieces
<b>X-SERIES FLAT MONITOR - Hatteland 19" HDT3 monitor</b>	4 pieces
<b>GPS - GP 33</b>	1 piece
<b>NETWORK SOUNDER - DFF1</b>	1 piece
<b>TRANSDUCER - 525 ST-MSD Airmar speed, Depth, Temp sensor</b>	1 piece
<b>TRANSDUCER - DST-800</b>	1 piece

<b>NMEA 2000 – FI 50 converter</b>	3 pieces
<b>SAT COMPASS - SC30 with NMEA200-NMEA0183</b>	1 piece
<b>NAVNET 3D OPEN ARRAY ANTENNA - DRS12A (12KW,4FT)</b>	1 piece
<b>NAVNET 3D OPEN ARRAY ANTENNA - DRS4A (4KW, 3.5FT)</b>	1 piece
<b>RADIO TELEPHONE - FM 8900S 24VDC Semi duplex DSC</b>	2 pieces
<b>NAVTEX WEATHER FAX WITH PRINTER - NX 700a</b>	1 piece
<b>AUTOPILOT - NAV700 Self adapting autopilot</b>	1 piece
<b>NAVNET MULTIFUNCTION DISPLAY - MFD8 , 8.4" / 12-24VDC</b>	1 piece
<b>NAVNET MULTIFUNCTION DISPLAY - MFD12 , 12.1" / 12-24VDC</b>	1 piece
<b>SAFETY EQUIPMENTS - Jotron 40S EPIRB / SART</b>	1 / 1 piece
<b>HANDED VHF - TT-403520B SAILOR SP3520 GMDSS</b>	2 pieces
<b>SAT TV ANTENNA - T110 Intellian Worlwide antenna</b>	1 piece
<b>SAT VSAT ANTENNA - V80G Ku-band V-Sat antenna</b>	1 piece
<b>INTERCOM</b>	
Zenitel ETB 100A	1 piece
Zenitel STB-1	2 pieces
Zenitel STB-2	2 pieces
Zenitel STB-3	2 pieces
Zenitel CL-200T	14 pieces
Zenitel HornSpeaker 15W/20 OHM WT-IP-66	8 pieces
Zenitel MB-30G Goosneck Microphone	1 piece
Zenitel Headset	2 pieces
<b>ROTARY LIGHT 24VDC - IP-54</b>	2 pieces

## General Equipment

### *Stabilizer*

- Trac 440-20X zero speed stabilizer system (Fin area 2.5m<sup>2</sup> / pieces)
- GRP hull mounting package
- 25HP / 40 galon integrated power pack
- 2 X 140 cc load sense pumps
- 1 X AC driven cooling pumps
- Directional control valves for 2 windlasses and capstans
- Bow Thruster

### *Bow thruster 16" (65HP)*

- 2 meters GRP tunnel
- Proportional control valves for bow thruster
- 2 X Thruster control station

### *Pumps & Engine Room Fans – Gianneschi*

Service: Main Bilge Pump		
PUMP ACB 631/A 400/690V 50Hz 7,5kW 1450RPM	1 piece	
<b>Service: Main Fire Pump</b>		
M-ACB 531 9kW 1800RPM DIESEL AE	1 piece	
<b>Service: Emergency Fire and Bilge Pump</b>		
PUMP FQ 40 GH 230/400V 3PHASE 50Hz 0,75kW 1450RPM	1 piece	
<b>Service: Lube &amp; Dirty oil</b>		
PUMP ACB 431 B 230/400V 50Hz T 2,2kW 1500RPM	1 piece	
<b>Service: Fuel Oil Transfer Pump</b>		
PUMP EXCELSIOR 3 B/GH 1,1/4"	1 piece	
<b>Service: Fuel Oil Transfer Hand Pump</b>		
PUMP MVI80 230/400V T Hz50 1,5kW	2 pieces	
<b>Service: Grey &amp; Black Water Pump</b>		
GROUP 2 JET 4 B C.E. 230/400V 3PHASE 50Hz HORIZ.	1 piece	

### **Service: Fresh Water Hydrophore Pumps**

FLEXIBLE S/S PIPE 1» F - 1» F LENGTH 630mm	1 piece
TANK PAINTED 20LT FL/INOX HORIZ	1 piece
PUMP ACB 90E B 230/400V T 50Hz 0,55kW 2900RPM	1 piece

### **Service: Chain Washing Pump**

CIRCULATOR Z 30 TOP (180)1-1/4» 230/400V 3PHASE 50Hz	1 piece
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### **Service: Hot Water Circulation Pump**

S/S BOILER 200LT 230/400V 3PHASE 3+3kW «OR2 OR VE2»	2 pieces
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### **Engine Room Fan Group 1**

AXIAL FAN ELL/AP 635/0-8/35° 230/400V 3PH 50HZ 2,2kW 1450RPM	2 pieces
NO VIBRATION RINGS FOR ELL/AP 630	2 pieces
SQUARE ROUND ADAPTOR FOR ELL AP 630 + DAMPER TW	2 pieces
FIRE DAMPER S/STEEL 630X630mm; 150mm A0 A60 WITH 24V actuator	2 pieces

### **Engine Room Fan Group 2**

AXIAL FAN ELL/AP 454/6/35° 230/400V 3PH 50Hz 2,2kW	2 pieces
NO-VIBRATION RING FOR ELL/AP 450	2 pieces
SQUARE ROUND ADAPTOR FOR ELL/AP 450 + DAM- PER TG	2 pieces
FIRE DAMPER S/STEEL OMOLOGATED 450X450mm; 150mm A0 A60	2 pieces

**CFM 2Q + 1P 400V 3ph 2X(2,2+2,2)KW + «G» TOUCH  
CONTROL FAN SYSTEM COMPLETE OF: - N° 2 PANELS  
WITH 2 FREQUENCY DRIVERS 2,2 + 2,2 KW**

**V.400T. 50/60HZ - N° 1 LCD SMART REMOTE CONTROL PANEL  
FOR N° 2+2  
BLOWERS - RPM REGULATOR - RWD - FWD REVERSE FLUX -  
LOCAL AND  
REMOTE CONTROL**

**Air Conditioning system - CLIMMA**

<b>GENERAL GROUP</b>	
MOD1922RCY - CWS MODUL 1922 RC 400/3/50	1 piece
M67275Y - SEA WATER PUMP BC-41/1E 750W 380-415/3/50	1 piece
M3166D - CALIBRATING VALVE 1»1/2' BSP TA STAD40	1 piece
M67305Y - CIRCULATION PUMP NM40/16CE 2200W 380-415/3/50	1 piece
M3603D - EXPANSION TANK 18 L	1 piece
M66796 - AUTOMATIC AIR BLEEDER 2 «	1 piece
<b>FAN COIL WHEELHOUSE DECK</b>	
MEVA9J - FAN COIL EVA 9 DRY PAN J	2 pieces
MCONPWM2 - PWM2 CONTROL FOR FAN COIL	2 pieces
MDISEU - DISPLAY VEGA MK2 EUROLIVING	1 piece
MBUS12 - BUS CABLE 12 M VEGA 2	1 piece
<b>FAN COIL MAIN DECK</b>	
MEVA24SJ - FAN COIL EVA 24 SLIM DRY PAN	2 pieces
MEVA17SJ - FAN COIL EVA 17 SLIM DRY PAN	3 pieces
MEVA17J - FAN COIL EVA 17 DRY PAN	1 piece
MEVA9J - FAN COIL EVA 9 DRY PAN J	1 piece
MEVA3J - FAN COIL EVA 3 DRY PAN	1 piece
MCONPWM2 - PWM2 CONTROL FOR FAN COIL	8 pieces
MDISEU - DISPLAY VEGA MK2 EUROLIVING	6 pieces
MBUS12 - BUS CABLE 12 M VEGA 2	2 pieces
<b>FAN COIL LOWER DECK, GUEST ZONE</b>	
MEVA15SJ - FAN COIL EVA 15 SLIM DRY PAN	1 piece
MEVA7J - FAN COIL EV 7 DRY PAN J	3 pieces
MEVA3J - FAN COIL EVA 3 DRY PAN	1 piece
MCONPWM2 - PWM2 CONTROL FOR FAN COIL	5 pieces
MDISEU - DISPLAY VEGA MK2 EUROLIVING	5 pieces
<b>FAN COIL LOWER DECK, CREW ZONE</b>	
MEVA7J - FAN COIL EV 7 DRY PAN J	1 piece
MEVA3J - FAN COIL EVA 3 DRY PAN	3 pieces
MCONPWM2 - PWM2 CONTROL FOR FAN COIL	4 pieces
MDISEU - DISPLAY VEGA MK2 EUROLIVING	4 pieces
<b>FRESH AIR UNIT AND AIR EXTRACTOR</b>	
TA0655 - FRESH AIR MAKE UP 750 cu.M/h 230/1/50-60	1 piece

***Hydraulic Windlass & Capstans - DATA***

<b>Model</b>	DZC 3300 HKR AISI 316 STAINLESS STEEL anchor windlass
<b>Practical band</b>	One stainless steel band brake clutch AISI 316 L in vertical axis
<b>Chain size</b>	Ø 17,5 / 23 mm Screwdriver Chain Ø 18/23 mm calibrated Chain
<b>Brake</b>	Manual band brake
<b>Clutch</b>	Manual dovetail clutch
<b>Maximum tensile force continuously</b>	3650 Kg
<b>Tensile rate</b>	12m/dak
<b>Pressure</b>	155 bar
<b>Weight</b>	280 kg
<b>Rope light</b>	Acting on the main spindle milling one AISI 316L stainless steel's rope light knurled surface Dimension: Ø 230 mm

***Chain stopper***

<b>Model</b>	DZS 17-23Kr – G1/M/B – Chain stopper and devil's claw
<b>Chain size</b>	17,5 – 19 mm studlink
	18,20 – 23 mm DIN 766
<b>Max load</b>	180 kN

***Capstan***

<b>Model</b>	DHC 1600 H Capstan
<b>Max pull</b>	1680 kg

***Water maker – Sea Recovery***

Sea Recovey AW 1800-2 Dx water maker - 280lts / hour
Fresh water flush
Commercial pre filter
Oil water separator

### **Waste Water Treatment System – ECOMAR**

System for board sewage treatment, automatic runs by microprocessor. Approved for the treatment of black and grey water and provided with Approval Certificate issued by Lloyd's Register in compliance with Standards IMO/MARPOL no. MEPC.159(55) and in compliance with European Directive 96/98/EC (MED) and following amendments, accepted by US Coast Guard.

*General information of STP - ECOMAR 16:*

<b>Model name</b>	ECOMAR 16
<b>Capacity</b>	6.000 l/day
<b>Power</b>	400V/50Hz/3 phase
<b>Installed power</b>	
Transfer / Filling pump	1,1 kW
Macerator/discharge pump	1,1 kW
Sea water pump	0,37 kW
<b>Dosing pump</b>	1 A
<b>Current consumption</b>	max 4 A
<b>Duration of each cycle</b>	ca. 15 min. - 4 cycles per hour
<b>Acoustic pressure level at 1 meter (Leq)</b>	72 dB(A)

### **Hydraulic Steering System - DATA**

<b>Type</b>	DDM 2x800
<b>Cylinder quantity</b>	Two double-acting
<b>Design Torque</b>	1600 daN.m
<b>Working Angle</b>	35° - 0° - 35°
<b>Drive</b>	1 piece 24 V DC 2 kW electric engine
<b>Max. Working Pressure</b>	112 bar
<b>Scaffolding - Starboard Round Number</b>	4,5 round

### **Paserella - Opacmare**

Stainless steel construction, polished

**Open lenght** 5040 mm

**Box dimension**

**width** 550mm

**length** 3440mm

**height** 250mm

### **Under the box waterproof panel**

Non-slip teak walking line

Hydraulic unit 24V

Emergency kit

Electronic unit

Remote control

Manual handle on one side

### **Plateform - Opacmare**

Manual handle on one side

Stainless steel construction, polished

**Lift arms** 2 pieces

**Stainless steel cylinder** 2 pieces

**Vertical lift distance** 1300mm

**Load-bearing capacity** 800 kg

**Hydraulic unit 24V**

Elektronik unit

Remote control

Mechanical locking device, hydraulic piston

**Portholes – SCM**

<b>OTP.KKLA.AV.A0D // SCM Porthole Round Heavy</b>	8 pieces
<b>COM.112.03 // SCM Micro Switch to be installed on porthole</b>	8 pieces
<b>CTP.AZ.60 // SCM COLLAR T.P. 300</b>	8 pieces

**Doors and Hatches – BOFOR**

<b>DRWTSTA60 Watertight A60 Steel door engine room 1500x800mm</b>	1 piece
<b>DR-02 P Pantograf Weathertight Side doors 1700x800mm blind glass</b>	2 pieces
<b>DR01AL Weathertight single-leaf Aluminium Door Max. With glass 1700x700mm cut out Blind glass</b>	1 piece
<b>DRWTAL Watertight Aluminium door Conflict Screens 500x600 clear opening</b>	1 piece
<b>DRWTSTA60 Watertight A60 Steel Main deck door M.D Kaçış 1700x800 mm cut out</b>	1 piece
<b>DR01AL Weathertight single-leaf Aluminium door CO2 room's door 1700x700mm cut out</b>	1 piece
<b>HTC_FLB Fly Bridge Çıkış Hatch i 1500x650 mm cut out 10 mm plexy cam</b>	1 piece
<b>HFAL_GL Aluminium weathertight flush hatch 500x500 mm cut out Flush glass, protruding hinges</b>	1 piece
<b>DRSLD_SS Stainless steel sliding salon door 3500x1900 mm cut out curved surfaces Max. 8 mm glass</b>	1 piece
<b>Moving system for sliding door with 5 program, touchscreen, radar system, brake components IP65 - THORMAX</b>	1 piece
<b>HFWTAL_60 Watertight Flush Hatch 600x600mm clear opening Chain Hatch</b>	1 piece
<b>HDWTAL_60 Watertight Hatch Stabilizer Hatch 600x600 mm clear opening</b>	2 pieces
<b>HFWTAL_60 Watertight Hatch Corridor Hatch i 1000x600 mm clear opening</b>	1 piece
<b>HD56 Weathertight Flush Hatch Garage and staff escape Cast Aluminum independant 2 storm handle, flush hinges 500x600 clear opening</b>	2 pieces
<b>DRL_SLD_SS Stainless steel sliding Fly Bridge door 1097x710x750 Max. 8 mm glass</b>	1 piece

**Jacuzzi**

- ALIMIA JACUZZI - 238 x 98 – 6/7 persons, hydro massage motor, Spa-pak cleaning system, sand filter, warm water control 12 kW or aromatherapy 40 000 kcal/h, overflow, lighting system
- RIVIERA POOL ROMAN D.193 CM – Water filtration and 9 KW electrical heating system, massage pool jet pump and blower group, vitalight spa lights led 5W-12W

## Interior Equipments

### *Audio and video system*

Yacht is decomposed in 10 different zones; each zone is independent of other. In each zone you can enjoy of the central data system in which you could add your films, videos, pictures... The remote system is easy and can be manage by the remote control or easily by any type of smartphone. The system is piloted by automation and stays opened to all development and modification.

#### **Automation system:**

<i>Sonos ZP120</i>	2 pieces
<i>Sonos ZP90</i>	7 pieces

#### *central memory system*

#### **Speakers:**

<i>JL audio marine speaker</i>	16 pieces
<i>Kef speakers with engine</i>	6 pieces
<i>Denox</i>	12 speakers
<b>TV Samsung HD</b>	7 pieces
<b>Processor</b>	TRI advanced remote processor
<b>Amplifier</b>	JL audio
<b>Ampli-tuner CD/RDS</b>	Denon RCD-M 39
<b>Network receiver</b>	Onkyo TX-NR 626 Wifi-Bluetooth, 7.2 zone

# SONOS

THE WIRELESS HiFi SYSTEM

# SAMSUNG

# ONKYO®

# DENON

 JL AUDIO

# denox

 KEF®  
INNOVATORS IN SOUND

***Gallery Equipment***

MIELE / WHITE WESTING HOUSE / ELECTROLUX

<b>COOKER</b>	MIELE - KM 6230
<b>OVEN</b>	MIELE - H 6890 BP CLST
<b>RANGE HOODS</b>	MIELE - DA 2210 D
<b>DISH WASHER</b>	MIELE PROFESSIONNAL - PG 8081 STEEL
<b>WASHER EXTRACTOR</b>	MIELE PROFESSIONNAL - PW 6065 STEEL
<b>TUMBLE DRYER</b>	MIELE PROFESSIONNAL - PT7135 STEEL
<b>FRIDGE</b>	MIELE - K 9552 iD-1
<b>FRIDGE</b>	WHITE WESTING HOUSE - HSE6970
<b>FREEZER</b>	MIELE - F 9552 Id
<b>WINE STORAGE</b>	MIELE - KWT 4154 UG-1
<b>ICE-MAKER</b>	ELECTROLUX - 730523
<b>COOLMATIC</b>	WAECO - CR-0110ST CR-110 COOLMATIC 110 LT. 12/24V DC

**Miele** **Electrolux****WAECO** **White-Westinghouse**

### Bathroom Fixtures

<b>SHOWER SET</b>		
<i>Vola 5471R-061A-66 Dark Gold</i>	7 pieces	
<b>LAVABO</b>		
<i>Basic bioport lavabo</i>	6 pieces	
<i>Pibamarmi SRL</i>	1 piece	
<b>MOSAIC</b>		
<i>MAIORA BEIGE FONDO / AVANT GARDE COLLECTION GOLD FON</i>	20 pieces	
<i>MUTINA – Teknotessere BIANCO</i>	54 m <sup>2</sup>	
<i>London Blanco</i>	30 m <sup>2</sup>	
<b>TAP</b>		
<i>FUKASAWA</i>	7 pieces	

### Toilets – TECMA

<b>Tecma Privilege White toilet</b>	6 pieces
<b>Tecma Silence Plus toilet</b>	3 pieces
<b>Electrical kontrol panel</b>	6 pieces

### Fireplace – OPTI – MYST

<b>SALON</b>		
<i>OPTI - MYST CASSETTE 600</i>	2 pieces	
<i>OPTI - MYST CASSETTE 400</i>	1 piece	
<b>MASTER CABIN</b>		
<i>OPTI - MYST CASSETTE 600</i>	3 pieces	

### General Lighting Fixtures – BCM

All lights of customer and common part are BCM.

Spots and leds used in outdoor areas are especially waterproof to bring efficiency.

Pipe wardrobe are especially dimensioned for use and equipped of lights for convenience.

Under water lights are also BCM to provide comfort.

## Interior Joinery Work and Outfit

### **All internal outfitting to done to the highest standards of Yacht Building practice.**

Only materials of marine quality are used. All fixed and loose furniture is outfitted according to good marine practice both with regard to material and internal outfitting such as drawer slides, mechanical fasteners and hardware.

Throughout the interior outfitting all visible fasteners avoided. All hidden fasteners for finished wall panels, overhead ceiling panels, furniture, floor inlays etc., manufactured to highest quality, of proven design and capable of continuous operation at sea as far as applicable.

All wood used in the construction of this vessels interior outfit either for substructures, partitioning, stairs, linings, is selected and of first class quality. It is to be sound, dry, and free from laburnum, cracks, loose knots, and warps.

Panels are integrated carefully into the interior works to provide access to valves, pipe joints, fittings, junction boxes and such items for maintenance and repair. Attention is paid to the serviceability of all technical equipment in the interior spaces: small fridges/ice makers/entertainment equipment to be removable, electric panels to be hinged for opening, accesses for valves, sea cocks, bilge spaces, removable sections around air conditioning vents and filters etc. Only hidden mechanical fasteners for frequently removable panels to be used.

*Unless otherwise stated all ceiling panels are removable.*

Fire extinguishers are neatly recessed in wood where indicated on the interior designers plans.

All fire alarms and sensors fit in with the surrounding woodwork, while satisfying the necessary regulations.

Only wood and veneers of high quality are used in the construction. All wood is well seasoned and have a maximum humidity level of 12% at the time of installation . All woodwork is treated and sealed on all sides and edges unless otherwise specified. Symmetrical components are built/veneered with book matched panels from the same log. Artificial staining of wood avoided as far as possible unless specifically requested. All wood of one type shall, to the extent it is possible, is supplied from the same supplier to ensure a consistent quality.

All doors are rattle free with anti-vibration type double action latches and to have holdbacks. All hardware is of marine quality from a well known quality yacht standard manufacture .

#### **Guest Accommodation:**

Up to (10) Guests in (5) Staterooms as per interior layout plan

#### **Crew Accommodation:**

Captain Cabin plus (4) Crew in (2) Cabins with Crew Mess and Laundry



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