COR780 - custom model

Short specification & price list



COR780 Description

COR780 is a typical travel yacht with plenty of space. Spacious cabins, large bathrooms.

The length of 24 meters accommodates various combinations of the main deck introducing a division into different ways of using the yacht.

Verison with a closed kitchen, open bar and a smaller Pilot House. Provides discretion. The crew works outside the visitor zone.

The version with an open kitchen and a large Pilot House assumes the use of a yacht without a professional crew.

Of course, there are more variants and we are happy to adapt the yacht to the needs of the customer.

In the interior, various structures of fabrics, subdued colors, natural wood finished in gloss and stone create a very elegant, not overwhelming space.

Tasteful details and accessories complete our project. Inside, you can feel like in an elegant apartment.

The wide long hull with vertically rising sides now provides ample space for the extensive part of the engine room. In the fore engine room there is a place with comfortable service for two desalinators. There is also a place for a sewage treatment plant. Pump set with two tanks to operate the jacuzzi on the fly. Under the lower deck floors, there is room for numerous tank configurations according to the needs of future use.

It is a very stable yacht. The wide hull effectively resists sideways swing. An orderable full-size keel can be ballasted to lower the center of gravity. These solutions are especially useful for LRC configurations.

As in all our yachts, also COR 780 has a huge number of lockers, useful rooms and pantries.

In the engine room there is a place for a small workshop for ongoing maintenance.

Main particulars

PROPERTIES	[m]	[ft]		
LOA Length overall	24,4	80,05		
BOA Beam overall	6,25	20,50		
LWL Loaded waterline length	21,10	69,22		
BWL Beam at the waterline	6,1	20,01		
T draft	1,78	5,84		
DA draft air	7,95	26,08		
D(T) Loaded displacment	77,27 t	170 351 Ibs		
CE APPROVAL CATEGORY	A OCEAN			
Maximum capacity	12 people			
Hull type	Semi- displacment with ETE (Extended Trailing Edge)			
Hull Meterial	GRP			
Superstucuters / Deck		GRP		
Sleeping Cabin / Places	5 for 9 People + 2 for 3 Crew			
Enigne Horse Power	frOm 2x750 to 2x1400			
Speed		7-23kts		
Averange range at 7kts	approx. 6550 NM 15%reserv			

The project team

POSITION	NAME
Naval architect	Grzegorz Władziński
Analysis CFD and improv.	Grzegorz Władziński
Conception designer	Damian Dymecki
Exterior designer	Cormorant Yachts Team
Interior designer	Cormornat Yachts Team
Construction designer	STRUCTeam LTD UK
Builder	Cormornat Yachts Shipyard Gdańsk

Tank capacity

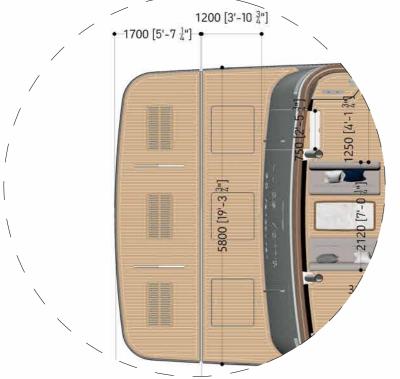
PROPERTIES	[L]	[GAL]
Diesel total	12500	3302
Potable water tank	350	92,47
Fresh water tank	1800	501
Gray water tank	600	158,52
Black water tank	600	158,52



CORMORANT YACHTS MANUFACTURER

Twarda 6A Street 80-871 Gdańsk POLAND





Optional solution of swimming platform 2.9 m

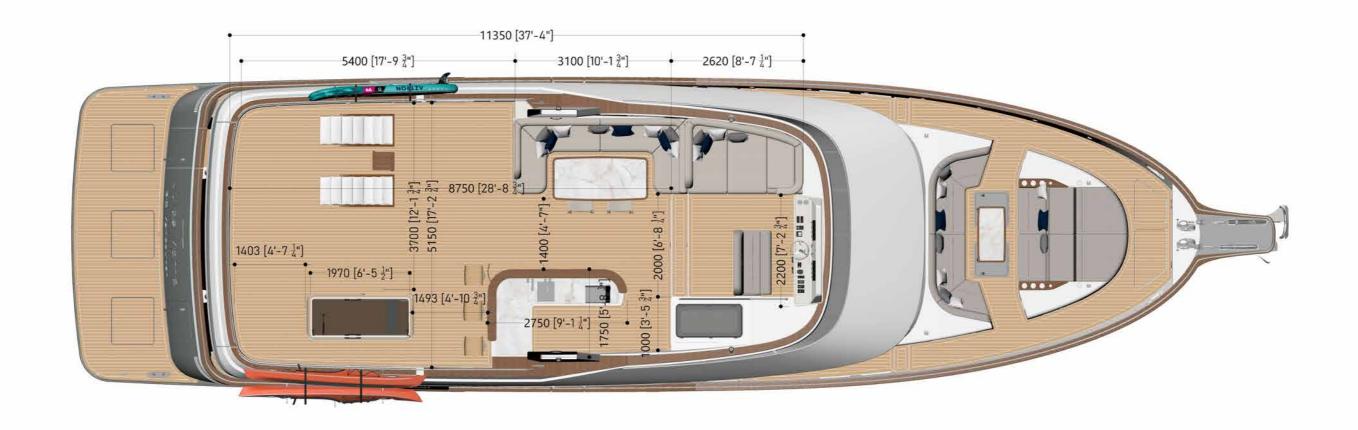
Generated length parameters for a long platform swimming platform 2.9 m:

Length of hull, Lh=23280Maximum length , Lmax = 24895

> CORMORANT YACHTS

Date Contract Projekt / Design Item
2021-10-26 COR780 Hull #1 General dimension Main deck plan

Stage Author Paweł Pankowiak Drawing
Checked and approved Damian Dymecki GD.2



CORMORANT YACHTS Date
2021-10-26

Contract
COR780 Hull #1

Stage

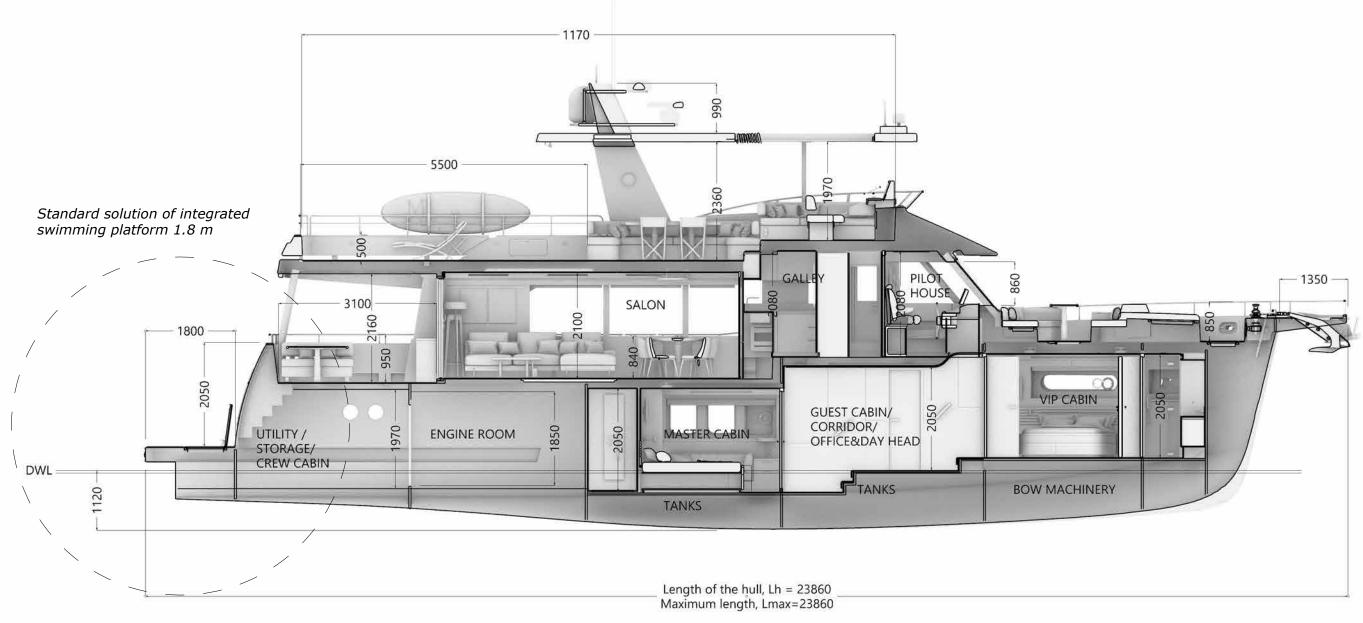
Author Paweł Pankowiak
Checked and approved Damian Dymecki

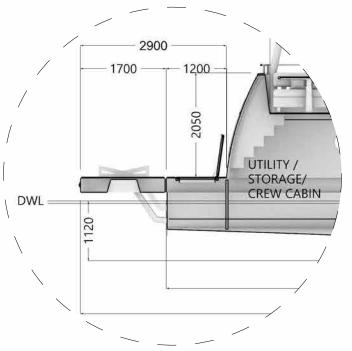
COR780 Hull #1

Item
Flybridge plan

Flybridge plan

GD.3





Optional solution of swimming platform 2.9 m

Generated length parameters for a long platform swimming platform 2.9 m:

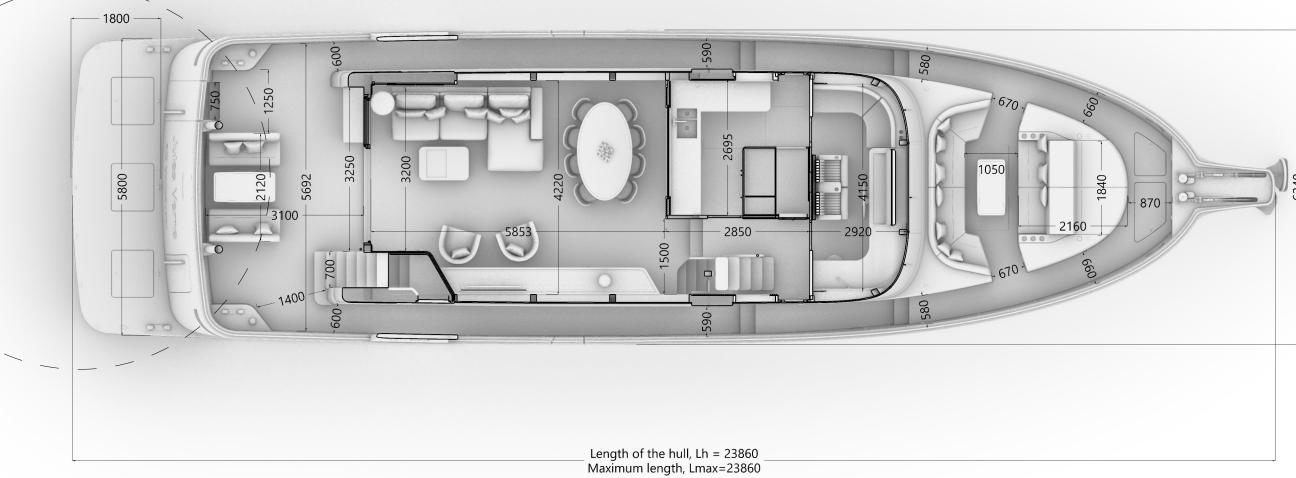
Length of hull, Lh=23280 Maximum length , Lmax = 24895

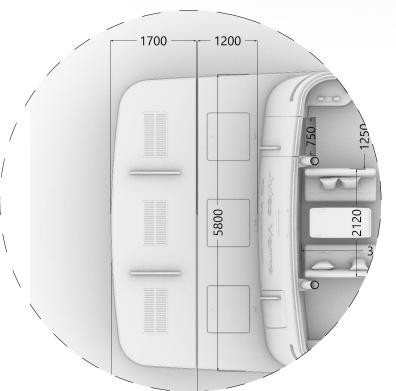
> CORMORANT YACHTS

Date Contract Projekt / Design Item Starboard side section

Stage Author Paweł Pankowiak Checked and approved Damian Dymecki GD.1

Standard solution of integrated swimming platform 1.8 m





Optional solution of swimming platform 2.9 m

Generated length parameters for a long platform swimming platform 2.9 m:

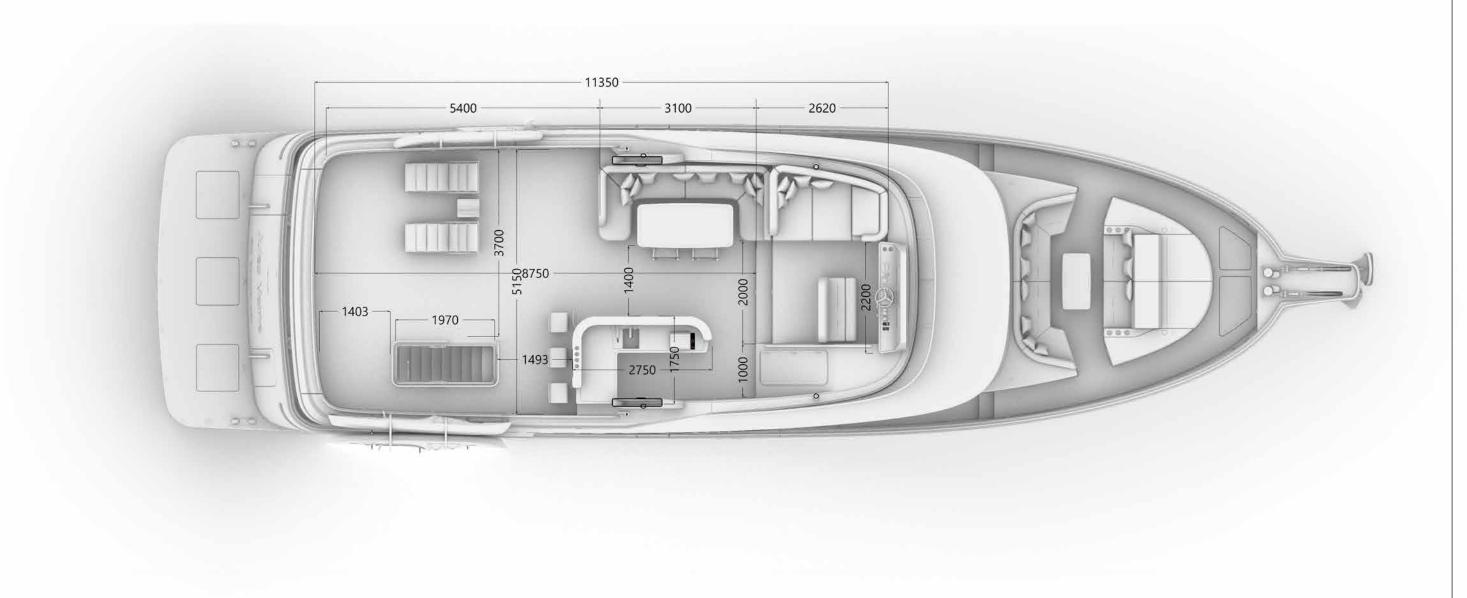
Length of hull, Lh=23280 Maximum length , Lmax = 24895

> CORMORANT YACHTS

Date Contract Projekt / Design Item
2021-10-26 COR780 Hull #1 General dimension Author Paweł Pankowiak
Contract Projekt / Design Main deck plan

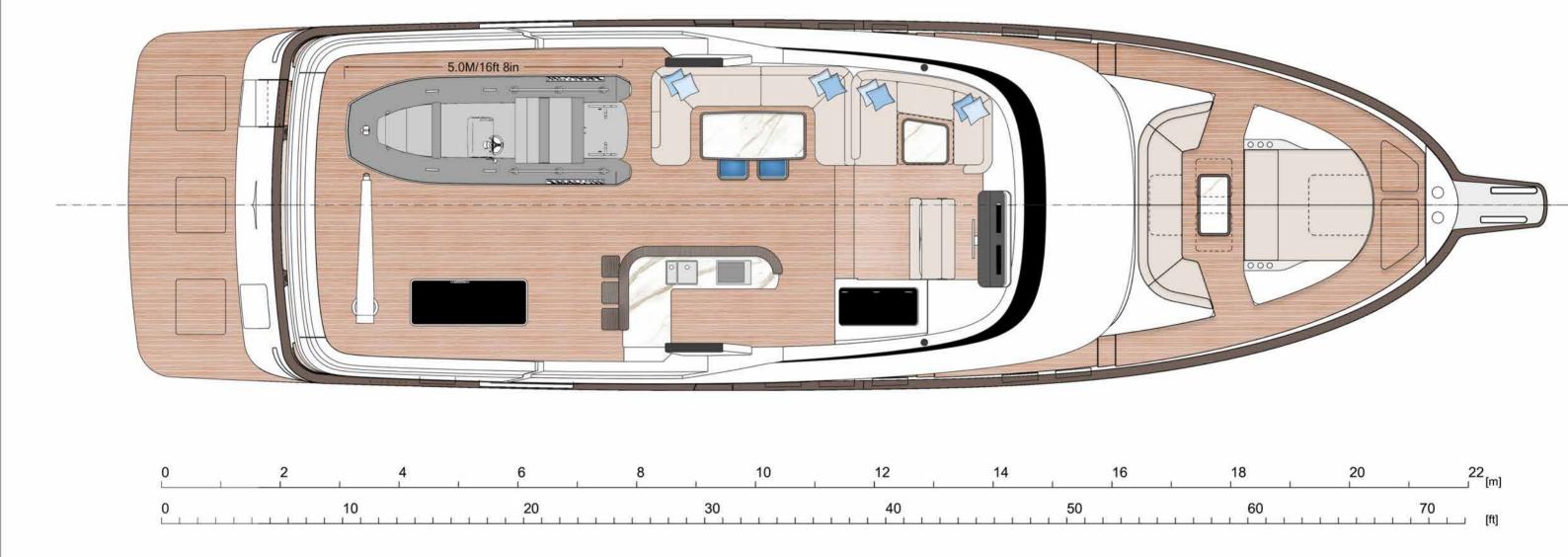
Author Paweł Pankowiak Drawing
Checked and approved Damian Dymecki GD.2

All dimensios are in millimiters.



CORMORANT YACHTS Date Contract Projekt / Design Item
2021-10-26 COR780 Hull #1 General dimension Flybridge plan

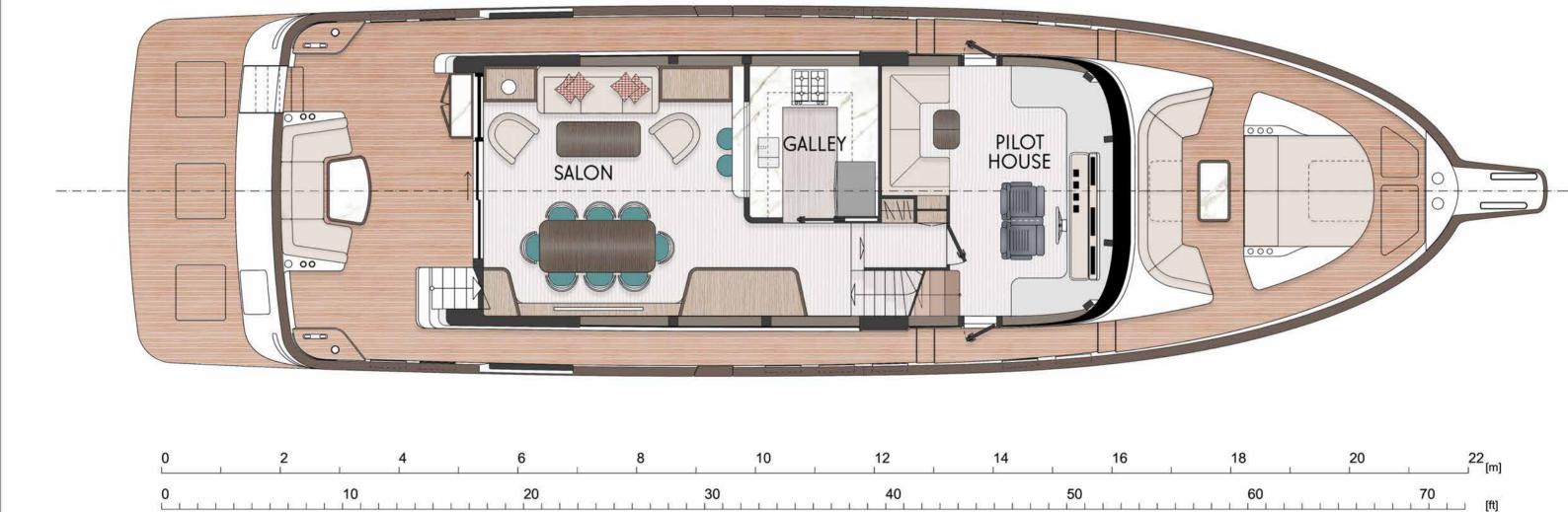
Stage Author Paweł Pankowiak Checked and approved Damian Dymecki GD.3

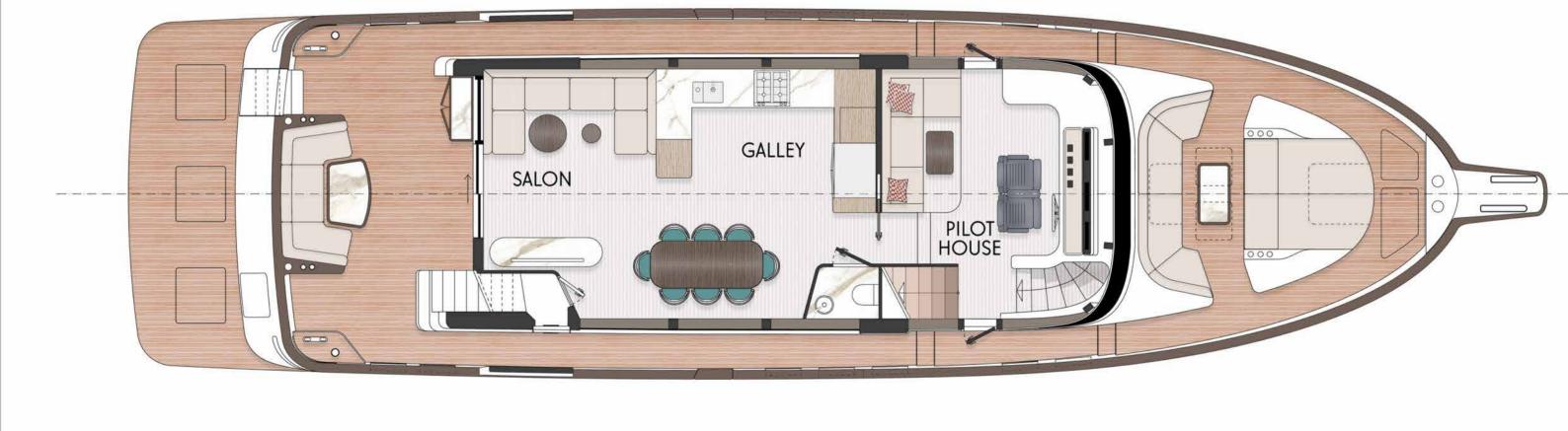


FLYBRIDGE A1



FLYBRIDGE B1



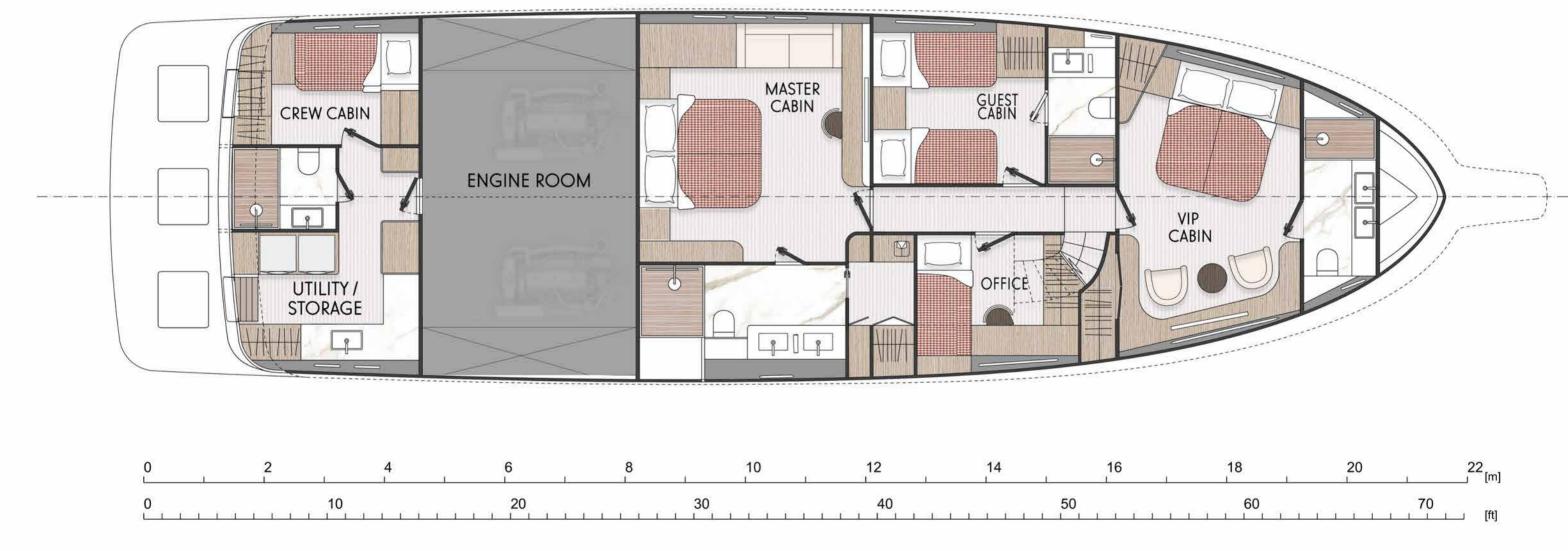




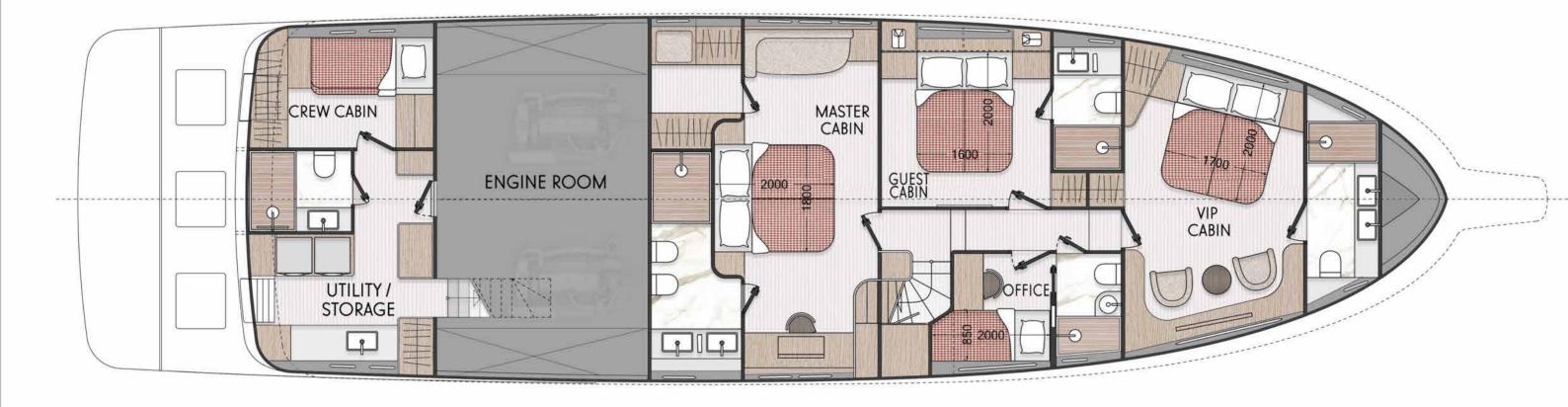
MAIN DECK B



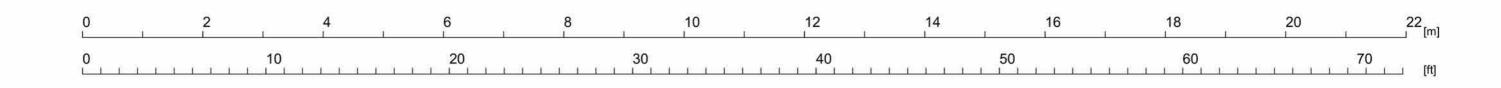


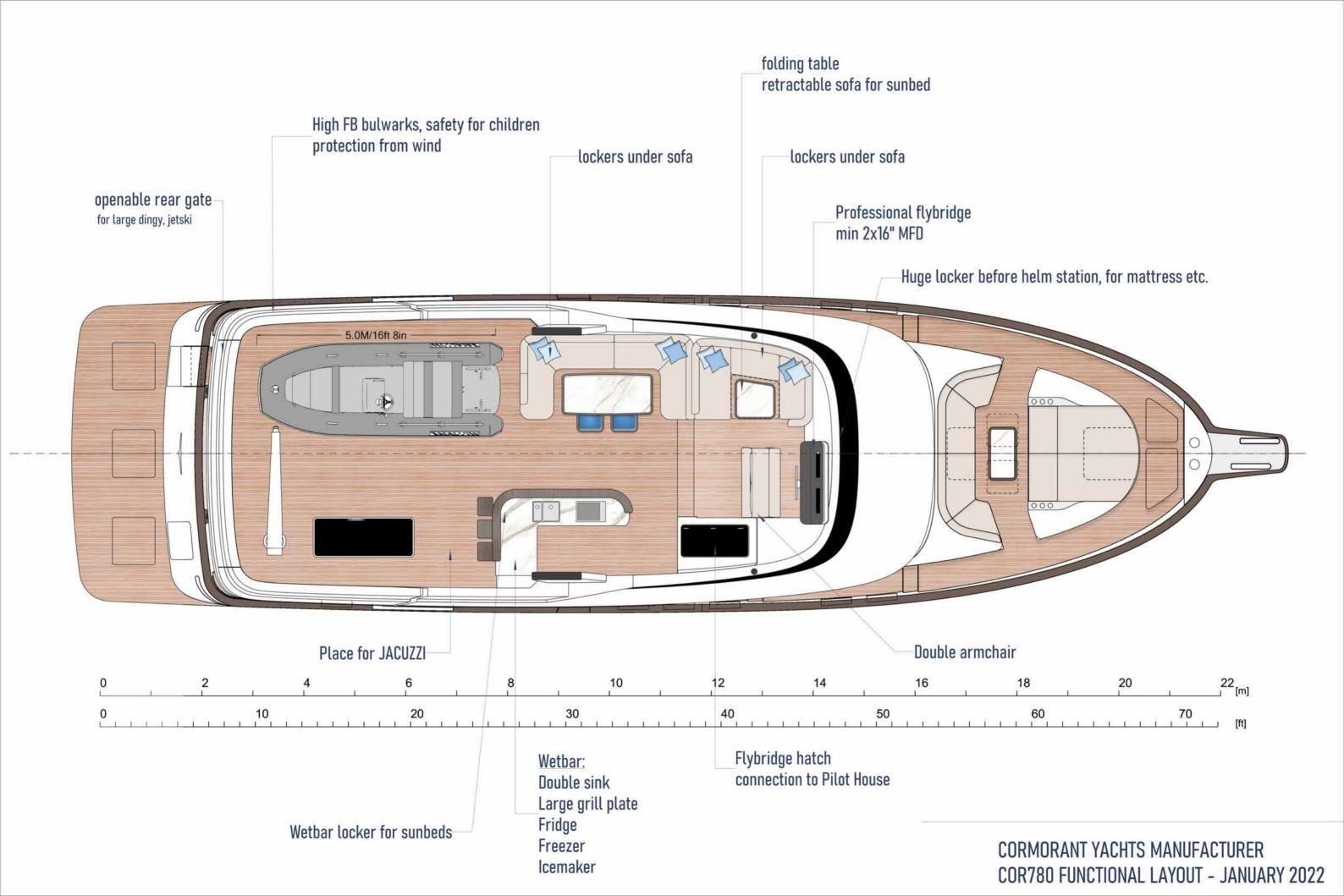


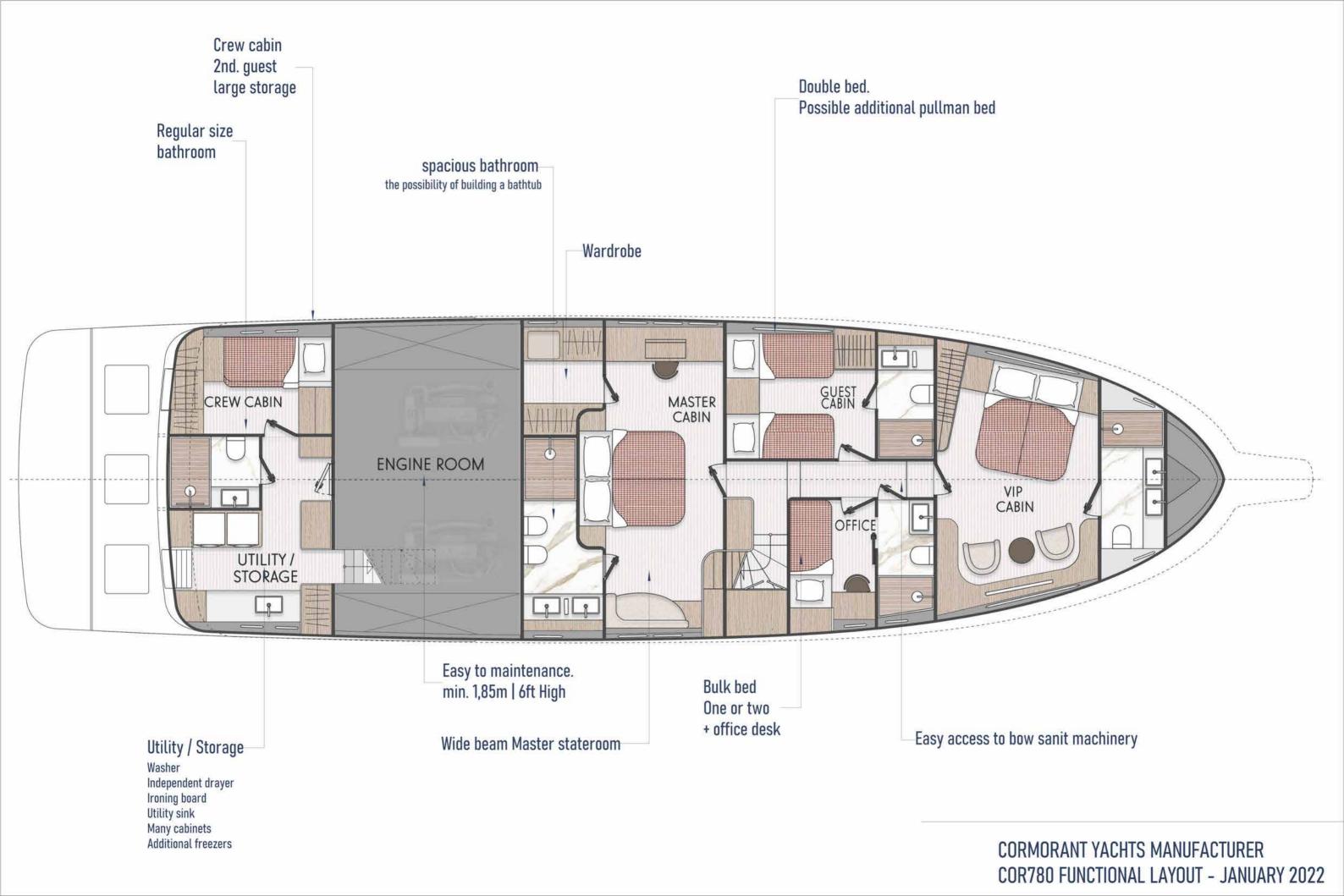
LOWER DECK A1

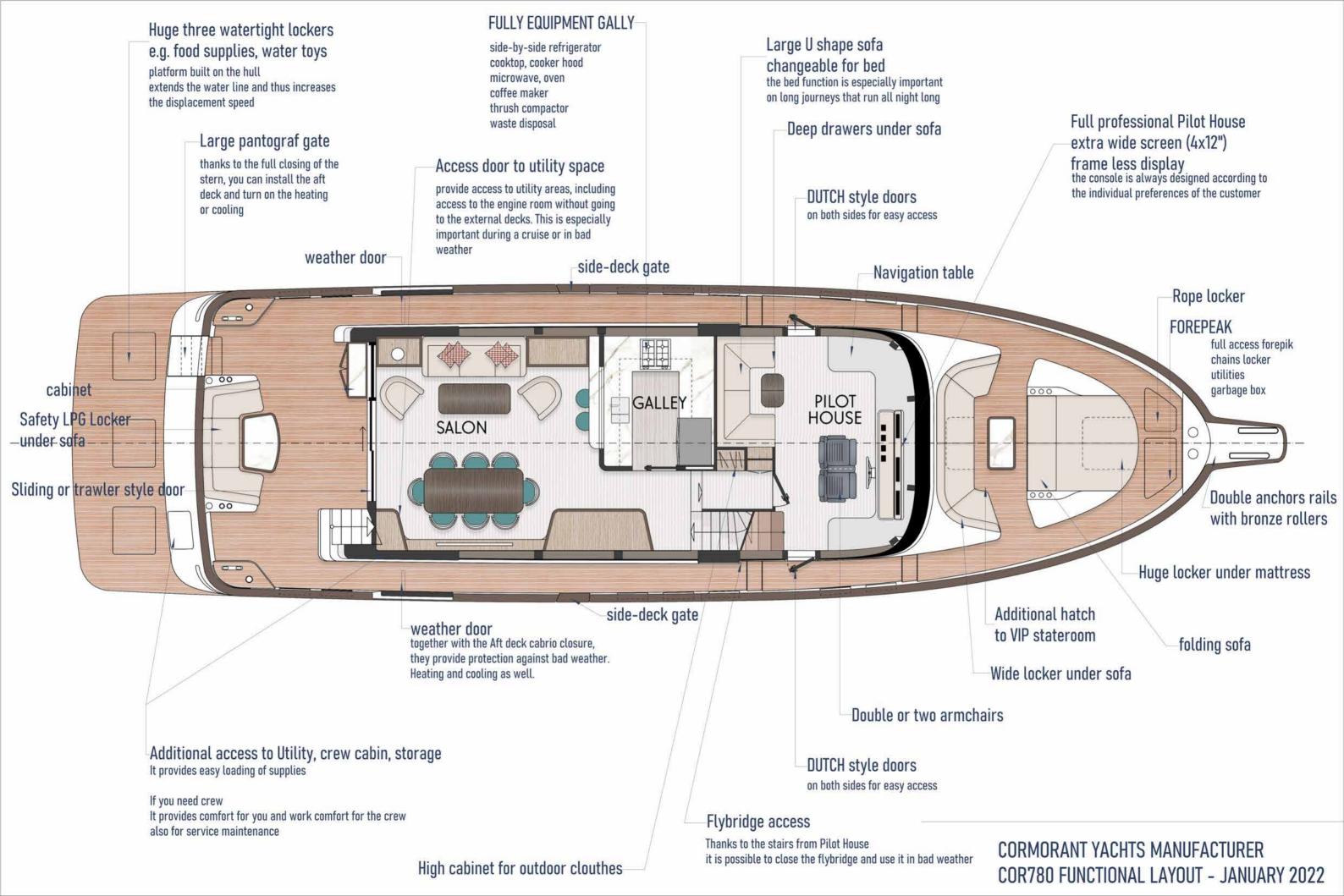


LOWER DECK B1









RANGE AND FUEL SYSTEMS

Below we present charts on the basis of which you can get an idea of the range of our yachts. Please note that these values apply to yachts with standard equipment. additional tons in the form of optional equipment or the amount of fuel in additional tanks will affect the power demand and, consequently, the reduction of the range.

Each CORMORANT can be configured with additional fuel tanks.

- As standard, we make tanks of 4mm steel with numerous partitions inside. Elements are laser cut, TIG welded. Each tank is insulated with adhesive rubber. This prevents the access of air and thus makes the tank long-lasting.
- Each CORMORANT is equipped with approx. 120L 32USgal day and storage tanks according to specification. The first stage of fuel cleaning is performed by supplying fuel from the storage tank to the day tank. Then the fuel in the loop between the receivers (engines, generators) flows to the day tank, on the way it is cooled by a water cooler. There are additional filters in the loop, and on request, a centrifugal cleaning system can be turned on.
- Each tank has a sump in which water and impurities are collected. Fuel is always taken above the pit. The wells are easy to empty.
- The tanks can be equipped with natural level gauges, which ensure safety during large cruises.
- On request, we make tanks from composites, which make better use of the space in the hull.
- Composite tanks are laminated into the structure of the yacht, which improves the structural properties
- If you choose an additional fuel tanks, the yacht's fuel management system is additionally installed, allowing you to easily select and pump fuel.
- Fuel management is connected in a simple way with the on-board automation, so the operation of the fuel is done by the buttons.
- Fuel distributors. Each CORMORANT has extensive fuel distributors and auxiliary pumps, making it easy to switch, cut off tanks and change fuel filters during the voyage, without switching off the engines.
- All fuel hoses are made of the highest quality materials and their ends are crimped
- Reservoir for the dinghy. A fuel tank for DINGY and jet skis can be ordered. In this case, the refueling gun can be placed in the glove compartment of the swim platform and will be easily accessible.

- Yacht refueling points. There is one refueling point on the starboard side as standard, additional refueling points on the port side can be ordered on request.
- In the case of an extended fuel system, at the fuel caps there is an indicator with a tank switch informing about the amount of fuel in a given tank.
- Fuel plugs are closed behind a cover and are equipped with drip trays so that reflected fuel does not spill onto the deck.

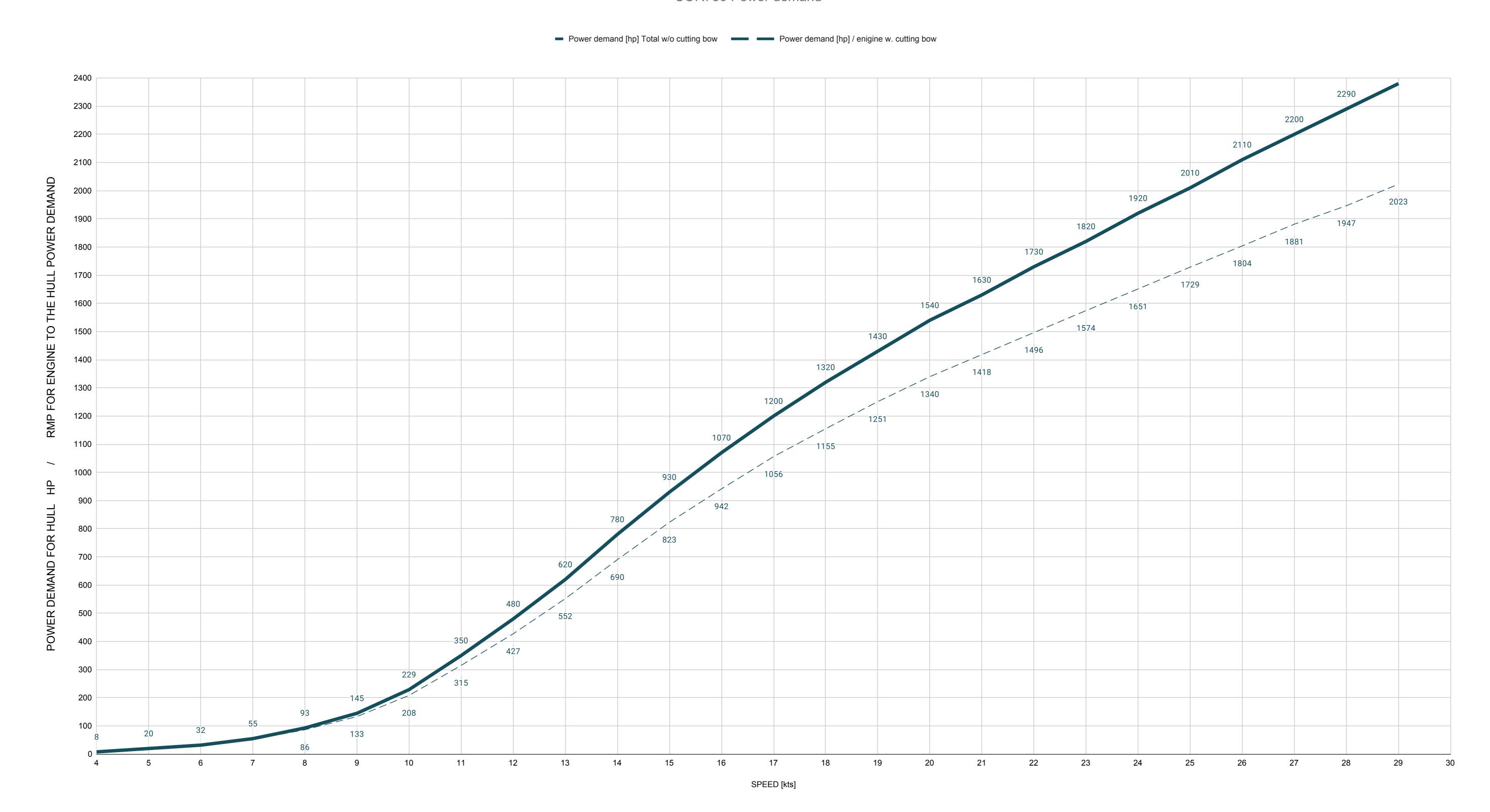


- Each CORMORANT has ultrasonic fuel sensors with tank cost compensation. This means that the sensors' indications refer to the real fuel values and not to the position of the sensor.
- The fuel system can be equipped with a tilt sensor. In the event of crosswind on the route. The automation can pump fuel from the port to starboard tanks and vice versa to compensate for the tilt.

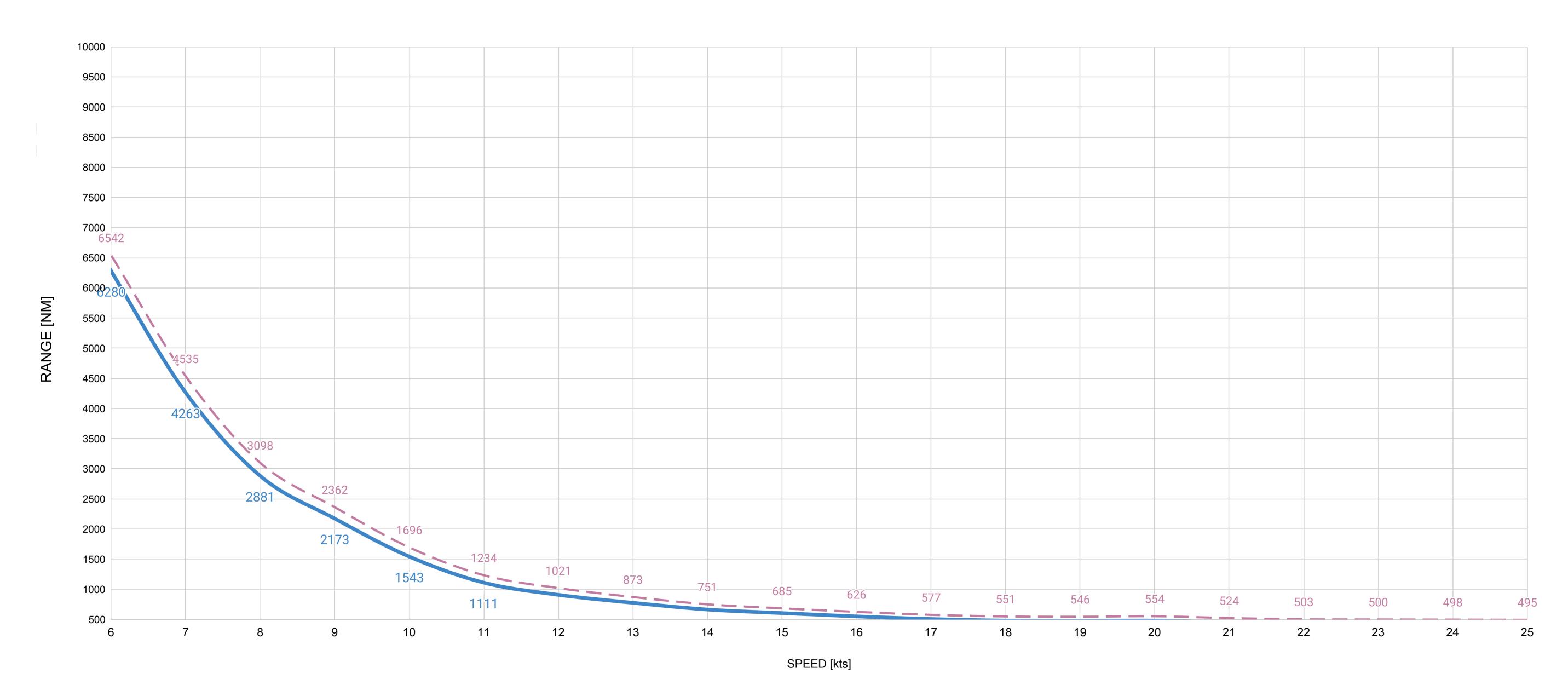


Exaple Destination		c.a. distance [NM]	[KTS]	[HOUR]	[DAYS]
Cabo Verde	French Guiana	2105	7	300,7	12,5
Cabo verde	French Guiana	2105	12	175,4	7,3
Canta Barbara California	Hawaii	2500	7	357,1	14,9
Santa Barbara - California	Hawaii	2500	12	208,3	8,7
Amsterdam - Niderlandes	Tromgo Norwey	1300	7	185,7	7,7
Amsterdam - Niderlandes	Tromso - Norway	1300	12	108,3	4,5
Colit Croatio	Korfu - Greece	260	7	51,4	2,1
Split - Croatia	Koriu - Greece	360	12	30,0	1,3
Cibrolton	Costo Adoio Conomi Island	700	7	112,9	4,7
Gibraltar	Costa Adeje - Canary Island	790	12	65,8	2,7
Cibuolton	N.C. Ita	1800	7	257,1	10,7
Gibraltar	Malta		12	150,0	6,3
Marhalla Casin	Dolma da Mallarca Casin	900	7	114,3	4,8
Marbella - Spain	Palma de Mallorca - Spain	800	12	66,7	2,8
Coatttle IICA	Total and Alamba	1900	7	257,1	10,7
Seatttle - USA	Juneau - Alaska	1800	12	150,0	6,3
Lighag Doutsural	C 1	2100	7	442,9	18,5
Lisboa - Portugal	Cabo Verde	3100	12	258,3	10,8
Lioboo Donturral	Cons of Cond Hope	11000	7	1571,4	65,5
Lisboa - Portugal	Cape of Good Hope	11000	12	916,7	38,2
Wollington Now Zolond	Molhouma Couth Australia	2000	7	400,0	16,7
Wellington - New Zeland	Melbourne - South Australia	2800	12	233,3	9,7
D 1.1 D 1	0.1	0500	7	500,0	20,8
Brisbane East Austrlia	Salomon Island	3500	12	291,7	12,2

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1385

















	COR780 - Specification & Price list / Mr. Mrs. / Date / revision No. 1	23-05-2022		
	COR780 base price excluded .VAT ex works GDANSK POLAND	€2 100 000,00		
	·	,		
	Configuration 1 Long Range Cruiser	€2 100 000,00 €2 100 000,00		
_	Configuration 2 Long Range Cruiser Configuration 3 Costal Pilot Cruiser	€2 100 000,00		
	AL CONSTRUCTION			
	DESCRIPTION	IMAGES	PRICE	
	CONSTRUCTION SPECIFICATION CONSTRUCTION			
THE SECOND TO TH	Annals to the excellent experience of the design office Structeam from the UK, the structure has been designed in a very houghtful way. The weighted months are made of a very large amount of reinforcements and a significant thickness of he laminate. However, in places where the structure does not carry loads, its lighter. Such a method is typical of ophisticated methods of designing advanced yachts and it boldly displaces methods in which heavy structures are statilled without much justification. Instead of weight, we use sophisticated materials and infusion lamination. Weight is he basic parameter influencing the economy of swimming. Thus, this aspect contributes to the definition of our units as cological. Constructions Parameters: constructions Parameters: construction type: CRP – all parts manufactured in Vacuum Infusion Process rimany materials: eg.DIPEX/SAERTEX multitaxials fiberglass materials, eg.BUFA, Ashland, Scott Bader resin & gelcoat materials or better objects or vinyloester resin for vacuum infused parts on demand. till COR555/690 – The hull structure assumes a laminate with a foam CORE eg. Divinycell/Mycell 25mm-35mm till/O/H30/H200. Except keel, bow, chine and shaft line housing that are made of SOLID laminate up to 19 800 grams per sq.m. The lamination process is performed using the vacuum infusion technology with first layers of vinyloester resin wet aminated skincoat. oriciff is used as printblocker on first layers for infusion on most crucial parts. or supporters of a hull made of FULLY SOLID laminate, it is possible to make a structure in this technology. origitudinal Stringers – six full length girders on hull bottom plus two stringers on each side, olid laminate manufactured in infusion on structural foam sections with capping up to 23 500 grams per lsq.m. diditional beams and panels locally on hull, deck, flybridge and hardtop. Sulkheads - infusion composite with Divinycell/Mycell CORE foam H80 30mm-35mm. Multiaxial fiberglass up to 16 200 grams per lsq.m. and in the suppor		Standard	
9	PECIAL SOLUTIONS FOR NOISE AND VIBRATION			
A A H	irist of all, each of the yachts has been covered by a detailed assessment of the reduction and absorption of noise and ibrations by the market-leading company Armacell, 3M All devices that cause drag during their operation have been installed on the designed foundations. The mounting feet of ach device are equipped with vibration damping shock absorbers. All devices, the noise of which may have a negative impact on comfort (pumps, compressors, motors in constant use) have been additionally insulated with mats, of a thickness and type appropriate to the type of noise and vibrations. Water, gray and black sewage tanks were insulated with noise-dampening and anti-condensation mats.			
7	he fuel tanks are insulated with thermal mats, preventing the fuel from heating up. This solution also works against orrosion, preventing air from entering the metal handle.		Standard	
1	the floor under the Master, VIP, Guest cabin is insulated from noise sull the floor under the Master, VIP, Guest cabin is insulated from noise sullkheads separating technical spaces, isolated in multiple layers, consist of four damping layers.			
1	fachine room walls insulated with layers not thinner than 2.5 "in places possible up to 8"			
A	acoustic engine room doors.			
	ot water hydraulic installations, air-conditioning water insulated with rubber mats			
,	hermally and acoustically insulated ventilation ducts additional hull thermal and acoustic insulation from the waterline to the deck height.		€8 500,00	
+	additional thermal and acoustic insulation of the superstructure			
1	Portlights - stnadard portlights from LEWMAR or similar MADE SS, 10mm Acrylic Vindows in superstructures Salon/Galley- Starboard horizontal manual sliding, by hand opeation, tempered glass		Standard	

DUCHT STYLE Pilot House climate doors. independent upper part. Included Yacht Name on door They provide the functionality of the Dutch style door while maintaining a modern shape consistent with the silhouette		Standard		
Pantograph stern Gate filling the entire stern. Made with beautiful, expanded hinges finished with polished stainless steel. They replace the standard wicket made of stainless steel.		STANDARD		
Non-return side decks drains (6 port side + 6 starboard side)		Standard		
Flybridge Bimini - any color from the swatch Sunbrella Optimum 480 g/m2, SS construction. Lightweight SS frame construction for antennas and lights This option can be connect with GRP Flybridge arch and GRP Navigation Mast		Standard		
Flybridge arch - GRP sandwich infusion laminate resins. Finishing in Superstructures or Hull colour gelcoat Incuded wires tunel to flybridge helmstatio & pilot house helm station		OPTION w/o charge		
Navigation Mast - four parts Finishing in chosen gelcoat colour.		STANDARD		
Large Portlights - with SS inside SS STORM COVER with outside exclusive lunette 10mm Smoke Glass, included flyscreen the size of these windows is limited		€16 000,00		
	Hulls and superstructures finish in white gelcoat or ivory. Dark decorative elements and stripes on the hull are always standard	STANDARD		
	Painting the hull, Hardtop. navigation equipment - SOLID PAINT FINISHING by Stoppani Lechler exclusive brand	€75 000,00		

	Painting the hull, Hardtop. navigation equipment - Sophisticated PEARL OR METALLIC FINISHING by Stoppani Lechler exclusive brand	€95 000,00		
LEXAN solid storm covers mounted to the designed reinforced parts of the superstructure. Thanks to LEXAN's strength, 200 times greater than window glass. They provide additional protection during storms. Storm covers made of LEXAN panels for the superstructure windows, scope: 2x window in PH between the door and the saloon area, the right and left side superstructure windows, includes structural preparation in the superstructure wall and fixing the panels with screws. The scope does not include covers for the door between the salon and the Aftdeck		€18 500,00		
ETE v1 – Extended Trailing Edge Carefully designed passive trim tab provides improved trim conditions, reduces drag and power demand. It gives tangible results from a speed of 14kts		€8 000,00		
Extensive keel It protects propellers and rudder from floating objects. It also protects against swimming in shallow waters Improves stability, a large side surface reduces swinging. Long slender shape improves exchange rate stability. Lowers the center of gravity of the yacht. The strong, elaborate keel structure places additional weight at the lowest point of the yacht.		€48 000,00		
Additional ballast 4 Metric tons Capacity for ballast. Due to the large internal volume, it enables ballast loading, lowering the center of gravity. It perfectly improves behavior in rough seas.		€22 000,00		
Cutting bulbous bow Design for better cutting water, reduces drag, better directs the flow of water onto the hull		€26 000,00		
Flybridge Hardtop - GRP sandwich infusion laminate. Finishing in Superstructures or Hull colour gelcoat. Replace bimini wits SS construction. The set includes a ladder for operating devices on a hardtop, a front base for serchlights, horns, speaker horn.		€26 000,00		
Retractable hardtop sunshade - Webasto shading L=2700 W=2500 [mm] L=105,3" W=375"		€15 600,00		
Swimming platform REGULAR - Swiming platform integrated with the hull L=1800mm		STANDARD		

	Swimming platform LARGE - Swiming platform integrated with the hull L=2500mm		€6 110,00		
	Swimming platform LARGE + LOWERDED/LIFTED - Swiming platform integrated with the hull L=1800mm + L=1200mm lifted part Total 3000mm		€38 000,00		
	Additional port sideck door to access to crew cabin / utility room / Engine room		€6 800,00		
	Door from swimming platform to crew cabin / utility room / Engine room	Uptom Col.	€3 470,00		
	Gate on the starboard side to access from the side deck to the quay		€2 690,00		
	Cate on the port side to access from the side decks to the quay	THE STATE OF THE S	€2 690,00		
	Anchors Dolphin nose for anchor rollers. Designed for a single anchor and for a set of two anchors		STANDARD		
2.PROF	PULSION & STEERING SYSTEM	IMACES	PRICE		
	Type of propulsion Twin engines configuration with reliable and proven shaft drive with A Type Transmission Regardless of the proposed ones below, as a semi-custom shipyard, we can install any propulsion indicated by the client.	IMAGES			
	adaptation. Our close cooperation is with John Deere Marine, MTU, MAN Our yacht was designed for long, several-week voyages and this was the focus of all design work. For this, the choice of motor should be considered in particular. Do not choose an engine which power will not be used most of the time as this leads to faster wear. If you are thinking of 7-8 kts sailing, choose a motor rated around 500hp per each engine. In this case the engines will work properly (warm up, work in relatively low speed range but at maximum torque for optimal operation and they will have the lowest fuel consumption). However, there is still a large power reserve for inclement weather. JohnDeere PowerTech engines have proven their quality and reliability over the years on the best yacht trawlers. When we like hard, strong and proven units, it is worth considering its choice. We can choose from 6.8 I to 13.5 I in five load rated classes. With two primary charge air cooling systems. Therefore, there will be no problem with the selection of power.				
	more information https://www.deere.com/en/marine-engines/propulsion/powertech-13-51-6135sfm85/		4 6		

M rating	M1	M2	M3	M4	M5		
Typical load factor	> 65%	< =65%	<=50%	<=40%	<=35%		
Typical annual usage (hr)	Unrestricted	3,000-5,000 hr	2,000-4,000 hr	1,000-3,000 hr	300-1,0	000 hr	
Typical full-power operation (hr)	Uninterrupted	16 of each 24 hr	4 of each 16 hr	1 of each 12 hr	0.5 of ea	ach 8 hr	
Ratings are based on ISO 8655 st Flexibility of installation due to ra See your John Deere Power Syste	ange of options.				on.		
Main Engines - John Deere PowerTech 6135 strong, heavy, proven in harsh conditions, n Six cylinders in line, Displacement - 13.5L Rated power - 1900RPM - c.a. 1250RPM at 1 Torque - 1876 lb-ft / 2544Nm, 2000Nm at 124 Air intake system - Turbocharged and aftere Rating - Heavy Duty(M2) Typical load facto Exhaust - Wet Pruduction place - Waterloo, IA, USA Transmission A type - ZF 550-1 A Ratio i=2 Main Engines - John Deere PowerTech 6135	SFM85 500Hp /each, fuel co ever tired of, ideal for LRC 10kts DORPM zooled air-to-sea water r <=65%/1000h - Typical anr ,96 RATING MEDIUM DUTY	onsumption 211g/kWh nual usage (hr) 3000-500 up to 4000h/year				STANDARD	0
Strong, heavy, proven in harsh conditions, n Six cylinders in Line, Displacement - 13.5L Rated power - 220RPM - c.a. 1250RPM at 10 Torque - 1752 lb-ft / 2375Nm - 2000Nm at 12 Air intake system - Turbocharged and afterd Rating - Pleasure(M5) Typical load factor <= Exhaust - Wet Pruduction place - Waterloo, IA, USA Transmission A type - 2F 550-1 A Ratio i=2	ever tired of, ideal for LRC Okts OORPM cooled air-to-sea water -35%/1000h - Typical annua	l usage (hr) 300-1000hr		**************************************		Option w/o charge	
Main Engines - John Deere PowerTech 6135 strong, heavy, proven in harsh conditions, n Six cylinders in line, Displacement - 13.5L Rated power - 1900RPM - c.a. 1250RPM at 1 Torque - 1876 lb-ft / 2544Nm 2000Nm at 120 Air intake system - Turbocharged and after Rating - Heavy Duty(M2) Typical load facto Exhaust - Wet Pruduction place - Waterloo, IA, USA Transmission A type - ZF 2000 A Ratio i=3	ever tired of, İdeal for LRC IOKts DORPM DOOLED air-to-sea water r <=65%/1000h - Typical anr	nual usage (hr) 3000-500(€35 000,00	
John Deere engines are absolutely perfect. friendly to maintain, respecting our budget We are aware that there are customers who engines are a jewel among marine engines engines on the market. The model that has been specially selected power. Extremely high torque at the lowest	: o sometimes expect someth . They are the pinnacle of no for our units is the 10-cylind	ning special. Undoubtedly, ot only engineering. These ler unit of the 2000 series.	Rolls-Royce MTU are the most prestigious With a huge excess of	Rol	ls-Ro	oyce°	
IA Engines for vessels w/ unrestricted continue Average load: 70 - 90% of rated power; Rating deficEFN, fuel stop; Typical annual usage: unrestricted* IB Engines for fast vessels with high load factor Average load: 60 - 80% of rated power; Rating deficEFN, fuel stop; Typical annual usage: 5000 hours* ID Engines for fast vessels w/ intermittent load Average load: s 60% of rated power; Rating definit ICFN, fuel stop; Typical annual usage: 5000 hours* IDS Engines for fast vessels with low load factor Average load: s 60% of rated power; Rating definition for the factor of the factor o	nition: irs inition: factors ion:						
Main Engines - MTU ROLLS ROYCE 197g/kWh TEN Cylinders in V configuration Displacement - 22.3L Rated power - 2250 RPM, Turbocharger, - c. Torque - 4727 Nm - 2000Nm at 700RPM Air intake system - Turbocharged / aftercoo Rating - as 1B - Cont. operation average lo Exhaust - Wet Pruduction place - Friedrichshafen, Germar Transmission A type - ZF 3050 A Class i=3,2	.a. 1200 AT 10kts led sad <=60-80% of raeted pov	wer (843Hp), Typical annı				€245 000,00	С
Main Engines - MTU ROLLS ROYCE TEN Cylinders in V configuration Displacement - 22.31. Rated power - 2450 RPM, Turbocharger, - c Torque - 4727 Nm - 2000Nm at 700RPM	•	each, fuel consumption	192g/kWh			€245 000,00	

Configuration A driveline with 7° gear exit angle. Shaft, support, shaft shell, bolts were selected from one of the best in the world manufacturers from the UK, CJR. The rudder blades and mountings were selected from the CJR company, Blokland or equivalent Propellers CJR - 5 blades, dimenssion according from selected engines, or equivalent Rudder GRP an SS fully CNC machined stock /each Through the use of CFD and FEA design tools Exhaust system Wet exhaust system with discharge of gases under water. A special streamer ensures the flow of water, cerates a vacuum and facilitates the escape of exhaust gases. The solution is quiet and comfortable. For low engine speeds, a bypass with exhaust gas discharge above the waterline is designed.	Standard		
The power generators have their own wet exhaust systems with large silencers. Aquadrive thrust assembly - no noise, no vibration, All parts from aquadrive are selected and calculated for every project individually. In order to reduce the transfer of thrust from the propeller to the gear, increases the comfort of the propulsion system. It can was equipped with a thrust bearing mounted on the technical bulkhead and selected from the Aquadrive company, or equivalent CONFIGURATION UP TO 800HP	€45 000,00		
Aquadrive thrust assembly - no noise, no vibration, All parts from aquadrive are selected and calculated for every project individually. In order to reduce the transfer of thrust from the propeller to the gear, increases the comfort of the propulsion system. It can was equipped with a thrust bearing mounted on the technical bulkhead and selected from the Aquadrive company, or equivalent CONFIGURATION UP TO 13610HP	€90 000,00		0
FUEL SYSTEM, COOLING SYSTEM, BILGE WATER SYSTEM, OIL CHANGE SYSTEM			
Regular fuel system with base filtration. Distribution of fuel from fuel tanks to prefilters, then to engines and generators. System without distributors. System with a transfer pump between the tanks. Fuel level sensor ultrasonic for each fuel tanks Fuel Splash-stop system Cooling water for engine - Filter e.g. VETUS FTR132063, Vetus hose or simillar Cooling water for Power Generators - e.g. Filter 570l/min VETUS FTR132063, Vetus hose or simillar	Standard		
Advance fuel system. Provides full redundancy. Allowing for easy transfer of fuel between tanks, ensuring easy operation, equipped with distributors, transfer primes, bely tanks with a filter loop in day tanks. Accurate duplicate filters. Puel coolers. Valve actuators, allowing remote operation of the system from the helm station. For the extension and full control of this system, such as: automatic yacht trim, automatic tank filling, operation by selecting options on the screen. You should select the Boening selfs management system. Fuel filter caps in the lockable storage compartment on the starboard side Fuel Pump for fly yark filtration 2870-1300 Self-priming disealer transfer pump Up to 35 litres/minute Fuel Pump for fly yark filtration 2870-1300 Self-priming disealer transfer pump Up to 35 litres/minute Fuel amin pump transfer 50840-2024 Centrifugal Cyclone' pump, non-self-priming Fuel cooler/Nates 27mm / fuel 5078 VTUS FCOULY SESSOVTES I yearing fireservel Pinnary filtration between storage tanks and day tanks 18 navel (see Fortside Sainatourd side Engine) Secondary filtration Racor or VETUS 75300VTE / 2 section (Inservel) for Prof. saids Sainatourd side Engine) Secondary filtration Racor or VETUS 75300VTE / 2 section (Inservel) for Prof. saids Sainatourd side Engine) Additionally Reverso Fuel polishing system Flow Rate 80 GPH / 303I/h MANN EUEL TANKS in Engine Room Flag Flank Main Fort 2000 / 758 US 50all	€31 000,00		
MAIN FUEL TANKS IN Engine Room Fuel Tank Main Port 2900L / 766 USgal Fuel Tank Main Stb 2900L / 766 USgal Made of 4mm thick stainless steel, 20mm rubber insulation	l Standard		

Additional fuel tanks on stern Fuel Tank Main Port 850L / 225 USgal Fuel Tank Main Stb 850L / 225 USgal Made of 4mm thick stainless steel, 20mm rubber insulation	TOTAL 1900L/ 450USgal	€12 500,00		
This option changes the layout of equipment in the engine room, and space for comfortable maintenance Fuel Tank ER Bulkhead Port 750L/198USgal Fuel Tank ER Bulkhead Stb 750L/198USgal Made of 4mm thick stainless steel, 20mm rubber insulation	TOTAL 1500L/ 396USgal	Standard		
Additional fuel tank on the amidship Fuel Tank on stern 900L/ 237USgal Made of 4mm thick stainless steel , 20mm rubber insulation	TOTAL 900L/ 237USgal	€9 500,00		
This range requires the longest bathing platform to be selected Additional fuel tank on the amidship Fuel Tank on stern 900L/237USgal Made of 4mm thick stainless steel , 20mm rubber insulation	TOTAL 900L/ 237USgal	€9 500,00		
This range requires the longest bathing platform to be selected Additional fuel tank on the amidship Fuel Tank on stern 1700L/ 449USgal Made of 4mm thick stainless steel , 20mm rubber insulation	TOTAL 1730L/ 449USgal	€13 500,00		
This range requires the longest bathing platform to be selected MAIN FUEL TANKS in Engine Room Fuel Tank Main Port 2900L / 766 USgal Fuel Tank Main Stb 2900L / 766 USgal Composite tanks made of specially selected elements, with a 3D core, covered with fireproof layers. Tanks fitted into the hull structure, integrated, improving the design properties of the hull.	TOTAL 5800L/ 1532USgal	€9 000,00		
replaces a steel tank installed in the same place Additional fuel tanks on stern Fuel Tank Main Port 850L / 225 USgal Fuel Tank Main Stb 850L / 225 USgal Composite tanks made of specially selected elements, with a 3D core, covered with fireproof layers. Tanks fitted into the hull structure, integrated, improving the design properties of the hull. This range changes the layout of equipment in the engine room, the desalinator, if selected, will be installed in the fore technical compartment replaces a steel tank installed in the same place	TOTAL 1900L/ 450USgal	€26 000,00		
Additional fuel tank on the amidship Fuel Tank on stern 1700L/449USgal Composite tanks made of specially selected elements, with a 3D core, covered with fireproof layers. Tanks fitted into the hull structure, integrated, improving the design properties of the hull. This range requires the longest bathing platform to be selected	TOTAL 1730L/ 449USgal	€19 000,00		
replaces a steel tank installed in the same place Fuel level indicator on filler plate on the starbord side		STANDARD		
Fuel filler caps in the lockable storage compartment on the port side		€3 600,00		
Fuel level indicator on filler plate on the port side Double intake of engine cooling water - two for each engine		€1 170,00		
protection for obstruction of the inlet by objects floating in the water, e.g. plastic bag		€3 000,00		
Shaft drive rope cutter - Prop protector for two shafts	C	€3 600,00		
Shaft drive rope cutter - Ambasador Marine for two shafts - model AM20		€3 640,00		
ENGINES TUNE UP As standard, the motors are supplied in white and the protective tubes are made of polished stainless steel. The engine foundations are white. If you want your engine room to look individually, specify your needs and we will prepare an offer. You can choose a motor color other than white for free. In the case of the MTU motor, the color according to the RAL palette is optional and does not require an additional payment. Additionally, you can choose valve covers finished according to your wishes and priced individually For John Deere engines, the available colors are Oryginal JD Green, Yellow, Brown, White. Additionally, you can choose valve covers finished according to your wishes and priced individually	IN JOHN DIES	prices on request		
ENGINES MUTIFUNCTION COVER LEVEL 1 Specially designed and folded worktop, which will facilitate the performance of basic maintenance activities in the engine room. The table top is based on steel pipes. You can easily disassemble it, fold it and hide it.	, and the same of	€900,00		
ENGINES MUTIFUNCTION COVER LEVEL 2 Beautiful finish on these fine engines. In addition to aesthetic values, covers are important for functionality. While you must enter the engine room where the engines are running, these guards provide protection against burns, unlike common pipe guards. The covers were insulated with mats from the inner part. Relief holes are responsible for heat dissipation. Access to the engine is provided by a certain mechanism on actuators, with which the cover can be lifted in a second. In addition to the covers, a worktop has been designed, the underside of which is protected against damage to the engine covers.		€5 700,00		

HEAVY DUTY TOOL BOX with worktable, sink and tap included

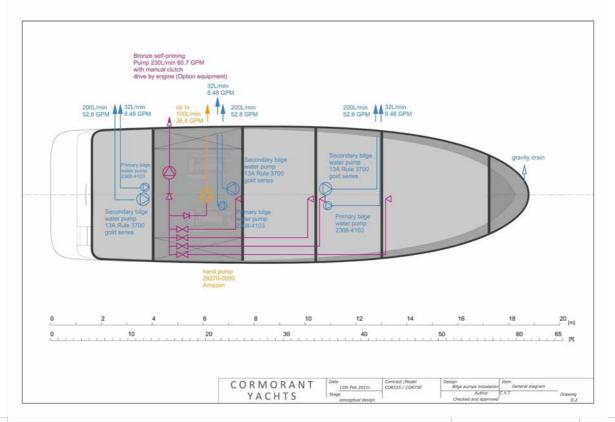
Proxxon handtool Sets 350pcs Multimeter Pyrometer

many other useful tools for daily maintenance



€8 500,00

BILGE WATER SYSTEM



Primary bilge water pumps - SET

Bilge WATER pump for low level water 151/min with Bilge Alarm 32ALA Rule / for each **Total (3) pumps**One for Engine Room
One for cabin section - located below cooridor floor

One located in the lowest Utiliti/crew cabin

Secondary bilge water pumps - SET

Additional bilge pumps, located 10 cm above the suction point of the primary pump, 4000 Rule Submersible up to 252 litres/minute 55US gal/minute or similar Total (3) pumps

One for Engine Room

One for cabin section - located below cooridor floor

One located in the lowest Utiliti/crew cabin

Hand pump Universal pump located in engine room up to 100l/min, 22gal/min. With two zone valves. Hand pump Universal pump located in engine room up to 100l/min, 22gal/min. With two zone valves.



Standard

Hi-Water level emergency pumps.
The layout is prepared for emergency situations. In which water enters the yacht through e.g. damage to the hull.
The valve and distributor system allows the water to be pumped off by means of the engine cooling pump, which peak is 4001/min - 105US gal/min for each engine. This value depends on the engine RPM.

To start the system, adjust the main valves supplying water to the engine. The location from which the pump is to pump out the water is selected on the manifold.

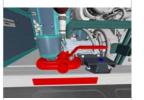
Set included

Piping for port and starboard engines

Three-way valves.

Distributor.

The solution requires special attention when using. Since the amount of cooling water for the engine must not be less than that required by the engine



€5 800,00

П

Hi-Water level emergency pump.The layout is prepared for emergency situations. In which water enters the yacht through e.g. damage to the hull. The valve and divider system allows the water to be pumped off by means of a pump driven by the engine's PTO, whose peak value is 2001 / min - 52US gal / min for each engine. This value depends on the engine RPM.

The pump must be engaged to start the system. **Remotely from Engine Room or Pilot House**

The location from which the pump is to pump out the water is selected on the manifold. The default is always to set up the engine room to expedite operation in emergency situations.

Set included:

Piping for port and starboard engines.

One self -priming pump powered by PTO with electric clutch

Distributor.

Compared to the engine cooling pump, this system does not cool the engine and is safer to use. With additional swith from Pilot house above digital swichting control - HARD wire instalation



€6 800,00

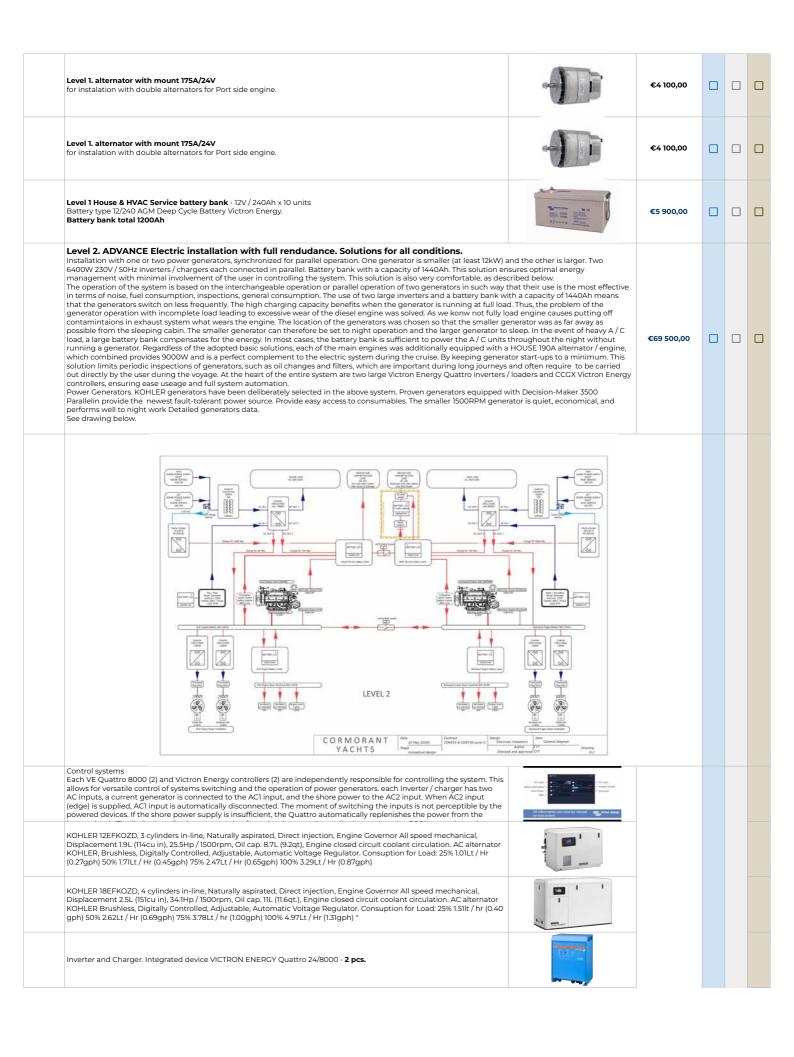


Secretary self-printing pump to 18 Water level envergency pump This Water level envergency pump. This Water level envergency pump and the level of the reserve is a pump pump. This Water level envergency pump and the level of the reserve is a pump pump. This Water level envergency pump and the level of the reserve is a pump pump. This Water level envergency pump and the level of the reserve is a pump pump. This Water level envergency pump and the level of the reserve is a pump pump. This Water level is a pump pump pump pump pump pump pump pu					
He logace is prepared for imagency actuation, in which water reside or gettic transple ag carried page of the reside. It is good a prepared of a mining page of the residence o	Secondary self-priming pump to Hi-Water level emergancy pump Pump with electric clutch		€3 100,00		
Hi-Water Water manifold for emergency pumping of bigg water in the flooded area + pipes. Located in the engine room. ### Standard Committee Commi	The layout is prepared for emergency situations. In which water enters the yacht through e.g. damage to the hull. The valve and divider system allows the water to be pumped off by means of a pump driven by the engine's PTO, whose peak value is 2001 / min - 52US gal / min for each engine. This value depends on the engine RPM. The pump must be engaged to start the system by-hand from Engine Room The location from which the pump is to pump out the water is selected on the manifold. The default is always to set up the engine room to expedite operation in emergency situations. Set included: Piping for port and starboard engines. One self-priming pump powered by PTO with manual clutch Distributor. Compared to the engine cooling pump, this system does not cool the engine and is safer to use.		€5 900,00		
OIL CHANGE SYSTEM - BASE MARCO CCSS/E ELECTRONIC -9 BSP VALVES, with portable hosewith valve, for new oil intake 2 riving in tension to fing the room. OIL CHANGE SYSTEM - BASE MARCO CCSS/E ELECTRONIC -9 BSP VALVES, with portable hosewith valve, for new oil intake 2 riving in tension to find the room. OIL CHANGE SYSTEM - BASE MARCO CCSS/E ELECTRONIC -9 BSP VALVES, with portable hosewith valve, for new oil intake 2 riving in the room. OIL CHANGE SYSTEM - BASE MARCO CCSS/E ELECTRONIC -9 BSP VALVES, with portable hosewith valve, for new oil intake 2 riving in the room. OIL CHANGE SYSTEM - BASE MARCO CCSS/E ELECTRONIC -9 BSP VALVES, with portable hosewith valve, for new oil intake 2 riving in the room. OIL CHANGE SYSTEM - BASE MARCO CCSS/E ELECTRONIC -9 BSP VALVES, with portable hosewith valve, for home oil with sended-bigsuage in Engine room. OPPORTABLE A riving in Engine room. OPPORTABLE A riving in Engine room. OPPORTABLE A riving in the room of	Secondary self-priming pump to Hi-Water level emergancy pump Pump with manual clutch		€2 800,00		
OIL CHANCE SYSTEM - BASE MARCO OCSI/E ELECTRONIC - 9 BSP VALVES, with portable hosewith valve, for new oil intake 2m long, Located in Engine room. Out CHANCE SYSTEM - BASE MARCO OCSI/E ELECTRONIC - 9 BSP VALVES, with portable hosewith valve, for new oil intake 2m long, Located in Engine room. Out CHANCE SYSTEM - BRANESON cost sentence in LPC Used that No. With sentence supplied of the cost of the	Hi-Water Water manifold for emergency pumping of bilge water in the flooded area + pipes. Located in the engine room. If you don't chose this option Hi-Water pump could be suction water only from one point in engine room.		€2 990,00		
OIL CHANCE SYSTEM - BASE MARCO OCS9/E ELECTRONIC - 9 BSP VALVES, with portable hosewith valve, for new oil intake 2m long. Located in Engine room. OIL CHANCE SYSTEM - EXPANSION Good solution for LRC Used oil tank 10L with sender/squage in Engine room. New oil tank 10L with sender/squage in Engine room. Pumps new & used oil for intake & outside drop down Portable & mong nose with valve, for change oil Located in flybridge locker. (for tender, jetski oil change on the fly) Portable 8m long hose with valve, for change oil Located in fighridge locker in the swimning platform) Portable 8m long hose with valve, for change oil Located in locker in the swimning platform) Portable hose with valve, for used oil drop down 10m long. Located in locker in the swimning platform) Portable hose with valve, for used oil drop down 10m long. Located in locker in the swimning platform	OIL CHANGE SYSTEM				
intake 2m long. Located in Engine room. Oil CHANGE SYSTEM - EXPANSION Good solution for LRC Used oil tank 110L with sender&gauge in Engine room. New oil tank 110L with sender&gauge in Engine room. Pumps new & used oil for intake & outside drop down Portable 3m long hose with valve, for change oil. Located in flybridge locker. (for tender, jetski oil change on the fly) Portable Bm long hose with valve, for change oil with 8m long. Located in stern utility room. (for tender, jetski oil change on the swimming platform) Portable hose with valve, for used oil drop down 10m long. Located in locker in the swiming platform	The state of the s	And the second of the second o			
Used oil tank 110L with sender&gauge in Engine room. New oil tank 110L with sender&gauge in Engine room. Pumps new & used oil for intake & outside drop down Portable 3m long hose with valve, for change oil. Located in flybridge locker. (for tender, jetski oil change on the fly) Portable 8m long hose with valve, for change oil with 8m long. Located in stern utility room. (for tender, jetski oil change on the swimming platform) Portable hose with valve, for used oil drop down 10m long. Located in locker in the swiming platform		S.Sundan	STANDARD		
STEERING & CONTROLL SYSTEMS	Used oil tank 110L with sender&gauge in Engine room. New oil tank 110L with sender&gauge in Engine room. Pumps new & used oil for intake & outside drop down Portable 3m long hose with valve, for change oil. Located in flybridge locker. (for tender, jetski oil change on the fly) Portable 8m long hose with valve, for change oil with 8m long. Located in stern utility room. (for tender, jetski oil change on the swimming platform) Portable hose with valve, for used oil drop down 10m long. Located in locker in the swiming platform	TEK TANKS	€4 500,00		
	STEERING & CONTROLL SYSTEMS				

We have designed the main control system based on the highest-class KOBELT components. The system consists of a hydraulic pump on the steering wheel, an autopilot pump, bypass valves, and double rudder actuators. The system is devoid of electronics in the rudder operation, which ensures reliable, trouble-free operation. Steering Cylinder, Main Steering pump in Pilot House & Flybridge, Autopilot pump,	Standard		
Thruster Electric DC Bow - SIDE POWER PR200 9,76kW, Thrust up to 250kg	Standard		
UPGRADE Thruster Hydraulic Bow - SIDE POWER SH320, 14.9kW, Thrust up to 320kg Requires the addition of a hydraulic power pack	€2 800,00		
Thruster Electric DC Stern - SIDE POWER PR200	Standard		
UPGRADE Thruster Hydraulic STERN - SIDE POWER SH320, 14.9kW, Thrust up to 320kg Requires the addition of a hydraulic power pack	€2 800,00		
Thruster control panel, one on the main station (pilot House) and one the flybridge	Standard		
Side power remonte control This equipment will be deleted if a Yacht Controller or Dockmate has been selected	Standard		
PROPORTIONAL CONTROL THRUSTERS with SIDE POWER PJC212, replace for base panels. Additional incuded Power Controllers for One and Two configuration thruster	€5 200,00		
ADVANCE AND BIGGER Control Panel for Thrusters - SIDE POWER PJC322 This option is replacement only for Control Panel PJC212, if you need proportional thrusters control you should select one opition upper.	€6 900,00		
STEERING & CONTROLL SYSTEMS Engines, Gears, Thrusters			
ZF CONTROL SYSTEM SmartCommand Control system with two station Primary Station in the Pilot House - 5200 Type			
and Secondary Station on the Flybridge - 5200 Type			
The compact control head design combines an ergonomic lever shape with a user-friendly touch pad allowing for all system functions to be easily selected using soft-touch push buttons. Visual indicators help to locate the neutral detent position and two color LEDs indicate station in command, and transmission engagement. SmartCommand puts you in complete control with dedicated control modes for all standard ZF Marine control ystem functions with the addition of Easidock and AutoTroll. Easidock ensures positive clutch response resulting in easy and precise maneuverability in confined areas. It provides the ability to modulate clutch engagement and control engine speed to obtain the optimum propeller speed for safe docking. AutoTroll permits a full range of low speed control incorporating a shaftline sensor for closed loop feedback to maintain a specifically demanded propeller rpm. The function allows for clutch slippage to be controlled while maintaining minimum engine speed.	STANDARD		
more information https://www.zf.com/products/media/industrial/marine/brochures_1/Control_Systems_18_V3.pdf ZF CONTROL SYSTEM - EXPANSION TO Jojstick Maneuvering System			
Primary Station in the Pilot House - JMS Jojstick Controlling engines, transmissions and thrusters in a traditional shaft-line vessel, the JMS provides an unbeatable ease of control. Maneuvers such as moving sideways to the dock, 360° rotation on the spot and other complicated maneuvers, difficult with standard control levers, become easy operations. The electronic JMS system also controls the throttle of the engines and shifts the transmissions with automatically controlled trolling valves to provide the precise speed needed for smooth aneuvering and easy docking. This means driving a pleasure craft becomes even more pleasurable, simple and safe! The standard "Hold Heading" function, integrated with an electronic compass, keeps the vessel going in a certain direction, fine tuning the propulsion system to compensate for current, wind or other external forces on the vessel.	€26 000,00		
more information https://www.zf.com/products/media/industrial/marine/brochures_1/JMS_2018.pdf			

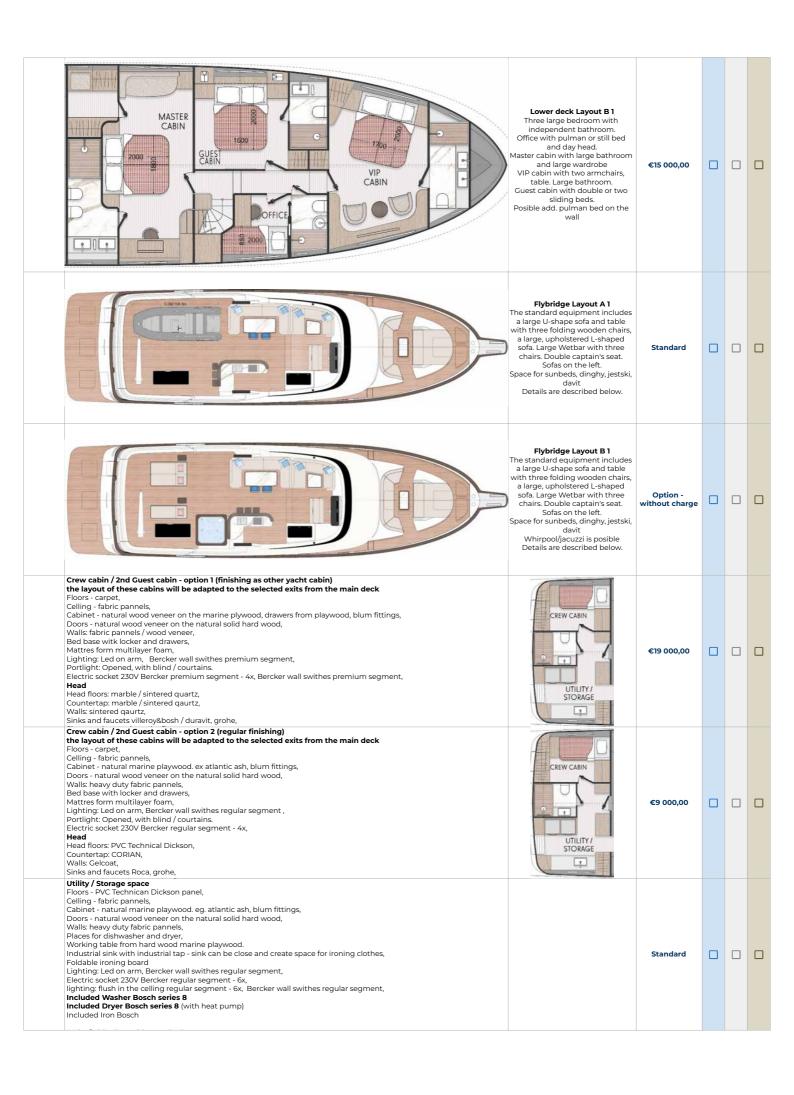
	ZF CONTROL SYSTEM - Jojstick for flybridge Secondary Station ion the Flybridge - JMS Jojstick more information https://www.zf.com/products/media/industrial/marine/brochures_1/JMS_2018.pdf		€4 725,00		
	ZF CONTROL SYSTEM - EXPANSION JMS to iAnchor / iDrift Using ZF iAnchor as the base platform, our new ZF iDrift technology offers you the ability to control drift speed and direction when your vessel is in windy conditions and/or active current – all while maintaining the bow's heading. Depending on the direction and strength of the wind and/or current, you can orient the bow to the desired heading and activate ZF iDrift. more information https://www.zf.com/products/media/industrial/marine/brochures-1/JMS_2018.pdf		€8 300,00		
	For easy docking, Dockmate or Yacht controller portable control system. You can manouver from any location on your boat. The selection (YC or Docmate) is based on the best integration with other systems		€18 000,00		
	Level 1 Hydraulic pipelines and power pack for servicing thrusters, anchor, Equipped with a tank with a two stage water coolers. The feeder pumps were installed two, ONLY on the main propulsion engines. Their parameters were selected so as to ensure optimal efficiency at engine idle speed. may require a more powerful Genset or additional PTO mounted on the ZF transmission		€38 400,00		
	UPGRADE TO Kobelt steering wheel system with an electronic control unit replaces the traditional hydraulic pump on the steering wheel with an electronic pump, provides lighter steering and changes the number of turns of the steering wheel		€9 800,00		
	Magnus master stabilization system for cruising Perfect solution for cruising		STANDARD		
	ANTI ROLLING GYRO - JAPAN ARG 375T Anti rolling torque 37500 Nm Perfect solution for Zero Speed	ANTI-ROLLING-GYRO	€45 000,00		0
	Side Power Fin stabilizer system, sailing and anchoring (zero speed) may require a more powerful Genset may require a more powerful Genset or additional PTO mounted on the ZF transmission .	The integrant count is below to to question that have to construct the country of	€125 000,00		
	Flooper-stoppers anchor stabilizer ROLL-X 3.5" Traditional, proven solution to reduce sway. Ideal for anchoring or mooring in areas with heavy surge and boat traffic. The dynamic design of the Roll X allows the unit to descend with ease and provide 1000 square inches of resistance to ascend. Forespar's unique anti skate water foil design allows the Roll X to descend with minimal turbulence. Made of electro polished 304 stainless steel and five vinyl coated support cables. Your boat will roll less with a Forespar Roll X.		€4 700,00		
	Information about gauges and engine display information are in the Navigation Audio Video section				
3.ELEC	TRICITY DESCRIPTION	IMAGES	PRICE		

Architecture and systems. CORMORANTS are designed to be equipped with a 230V / 50Hz or 120/250 / 60Hz installation. To be selected by the customer when placing the order. Although it is not the only equipment option, 230V/50Hz has been adopted due to the availability of additional devices operating both with 110V/60Hz and 230V/50Hz without the use of additional converters OTHER DEVICES AND SOLUTIONS Main engine starting aid system. A special Cyrix VE 400A / 24V adjustable relay supporting the starting of main engines with electricity from the service battery bank. One Cyrix for each of the main engines starting battery bank - engines 1. Main Engine Port - 2x100A/12V = 200A/24V, 100A/24 Alternator
2. Main Engine Stb- 2x100A/12V = 200A/24V, 100A/24 Alternator.
The batteries are also recharged from the Quattro Inverters with a current of 4A" Starter battery bank - power generator 1. 1x100A / 12V, 45A / 12 Alternator 2. 1x100A / 12V, 45A / 12 Alternator. Eattery type 12V / 10Ah AGM Deep Cycle Battery Victron Energy. The batteries are also recharged from the Centaur Charger 12/20 Victron Energy charger. The possibility of connecting the batteries with a manual switch. An intelligent connector of the generators starting batteries - Cyrix-ct 12 / 24V-120A Victron Energy was used to assist with starting." Main power supply switchboard- the main power supply and control cabinet is based on Hager, Schnider Electric system components, located in the engine room Control panel no. 1 AC230V / 50Hz circuits of engine room - location in engine room Control panel No. 2 AC230V / 50Hz HOUSE circuits - located in the Pilot House Control panel No. 2 AC230V / 50Hz HVAC circuits - located in the Pilot House Control / control panel No. 4 DC24V navigation circuits - located in the Pilot House
All panels are designed individually to the needs of the customer, they include Siemens, Hager, and Schnider Electric equipment
All components adopted in the installations are recognized by world-renowned companies and are an easily achievable replacement in the event of wear / damage. Level 1. Basic electric installation, STANDARD solution. The basic electrical system ensuring comfortable access to energy on the yacht. Designed and made to ensure the highest possible efficiency. Prepared to be equipped with two power generators operating in parallel. One common battery bank for HOUSE and HVAC systems. Prepared for installing a power innverter. Two main power distribution boards, one In the engine room and one in the pilot house. Standard equipment includes One generator KOHLER 12kW Standard One power inverter Multi Plus Victron Energy 5000 /24V/230V HOUSE/HVAC Battery bank Yuasa marine - 500Ah/24V (10pcs. battery) Two power sockets to on-shore connect 16A and 32A with two type 25m cable. LEVEL 1 CORMORANT 20 May 2020y. YACHTS -Level 1. Upgrade from 12kW to KOHLER 18EFKOZD, 4 cylinders in-line, Naturally aspirated, Direct injection, Engine Governor All speed mechanical, Displacement 2.5L (151cu in), 34.1Hp / 1500rpm, Oil cap. 11L (11.6qt.), Engine closed circuit coolant circulation. AC alternator KOHLER Brushless, Digitally Controlled, Adjustable, Automatic Voltage Regulator. €15 000,00 Consuption for Load: 25% 1.51lt / hr (0.40gph) 50% 2.62Lt / Hr (0.69gph) 75% 3.78Lt / hr (1.00gph) 100% 4.97Lt / Hr (1.31gph) " Level 1. Upgrade from Inv. Multiplus 5000 to Quattro 8000 - 1 pcs. €4 500,00 Level 2. Shore power sockets Package included: On the Bow, next to anchor winch - two socket 32A - One House, & One HVAC, On the Stern, next to companionway, inside side deck. - two socket 32A - One House, & One HVAC, On the Stern, 2x Glendinning CM-7 cable unwinding / winding device with a 50A cable a length of 25m. and adapter. €8 300,00 Additionally 2x Power cable 25m 32A, and 2xAdapter 32/16A Level 1. Power from shore. The Victron Energy 7000W / 230V / 50Hz isolation transformer was used to protect the yacht's €1 300,00 installation against disturbances from the onshore supply and galvanic protection. 1pcs.



House Service battery bank - 12V / 240Ah x 6units = 720Ah / 24V HVAC Service - 12V / 240Ah x 6units = 720Ah / 24V Banks can be connected with each other with a manual switch. Battery type 12/240 AGM Deep Cycle Battery Victron Energy. Battery bank total 1440Ah (804kg) Cycle life information ≥ 400 cycles @ 80% DoD (depth of discharge) ≥ 600 cycles @ 80% DoD (depth of discharge) ≥ 1500 cycles @ 30% DoD (depth of discharge) Power from shore. The Victron Energy 7000W / 230V / 50Hz isolation transformer was used to protect the yacht's installation against disturbances from the onshore supply and galvanic protection. Shore power sockets Package included: On the Bow, next to anchor winch - two socket 32A - One House, & One HVAC, On the Stern, next to companionway, inside side deck two socket 32A - One House, & One HVAC, On the Stern, 2x Glendinning CM-7 cable unwinding / winding device with a 50A cable a length of 25m. and adapter. Additionally 2x Power cable 25m 32A, and 2xAdapter 32/16A Power supply from shore with 120V / 60Hz voltage - Despite the architecture of the 230V / 50Hz electrical system, it is possible to supply 120V / 60Hz from the shore. This happens thanks to two use of additional Skylla-TG chargers, which can be connected in a wide range of available voltage, from 90-265V and 50-60Hz. The chargers have the ability to power up to 2400W directly, and when less loaded, they recharge the HOUSE and HVAC battery bank and starter batteries.	A 2 A 2 A 2 A 2 A 2 A 2 A 2 A 2 A 2 A 2	Included Level 2		
for instalation with double alternators for Port side & Starboard side engines. Power Generator Upgrade - from 12kW to 18kW model 18EFKOZD this option may be required when selecting large devices that load the 230V installation,	I I	€4 200,00		
Power Generator Upgrade - from 12kW to 28kW model 28EFKOZD this option may be required when selecting large devices that load the 230V installation,	KOHLER.	€11 500,00		
Power Generator Upgrade - form 18kW to 28kW model 28EFKOZD this option may be required when selecting large devices that load the 230V installation,	I I KOHLER	€9 500,00		
Battery bank upgrade AGM 1440Ah to LiFePO4 800Ah House Service battery bank - 25,6V / 200Ah x 2 units = 400Ah / 24V HVAC Service - 25,6V / 200Ah x 2 units = 400Ah / 25,6V Battery type: LiFePO4 Battery 25,6V/200Ah - Smart Victron Energy. Battery bank total 800Ah (150kg) Usable total capacity approx 640Ah for 2500 cycles Cycle life information ≥ 2500 cycles @ 80% DoD (depth of discharge) ≥ 3000 cycles @ 70% DoD (depth of discharge) ≥ 5000 cycles @ 50% DoD (depth of discharge)	Value of the second of the se	€13 000,00		
Battery bank upgrade AGM 1440Ah to LiFePO4 1600Ah House Service battery bank - 25,6V / 200Ah x 4 units = 800Ah / 24V HVAC Service - 25,6V / 200Ah x 4 units = 800Ah / 25,6V Battery type: LiFePO4 Battery 25,6V/200Ah - Smart Victron Energy. Battery bank total 1600Ah (312kg) Usable total capacity approx 1280Ah for 2500 cycles Cycle life information ≥ 2500 cycles @ 80% DoD (depth of discharge) ≥ 3000 cycles @ 70% DoD (depth of discharge) > 5000 cycles @ 50 DoD (depth of discharge)	Lifthum Distribution Distributi	€29 000,00		
Information about increasing battery bank increasing the capacity of the battery bank can be used, for example, for night service of air conditioning or heating, which reduces or eliminates the need to turn on the power generator				
Additional 200Ah/24V batterys to battery bank LiFePO4 Victron Energy may be located outside the machinery space	North Market State of the State	€4 500,00		
Additional 200Ah/24V batterys to battery bank LiFePO4 Victron Energy may be located outside the machinery space	in the second se	€4 500,00		
Additional 240Ah/24V batterys to battery bank AGM Victron Energy (SET TWO BATTERIES 12V) may be located outside the machinery space	The state of the s	€1 400,00		
Additional 240Ah/24V batterys to battery bank AGM Victron Energy (SET TWO BATTERIES 12V) may be located outside the machinery space	Service Co.	€1 400,00		
Additional 240Ah/24V batterys to battery bank AGM Victron Energy (SET TWO BATTERIES 12V) may be located outside the machinery space	Section Co.	€1 400,00		
Additional 240Ah/24V batterys to battery bank AGM Victron Energy (SET TWO BATTERIES 12V) may be located outside the machinery space	Service Control of the Control of th	€1 400,00		
Additional 240Ah/24V batterys to battery bank AGM Victron Energy (SET TWO BATTERIES 12V) may be located outside the machinery space	Service Servic	€1 400,00		
Additional 240Ah/24V batterys to battery bank AGM Victron Energy (SET TWO BATTERIES 12V) may be located outside the machinery space	The state of the s	€1 400,00		
Each subsequent 240Ah battery Victron Energy (SET TWO BATTERIES 12V)	The state of the s	€1 400,00		
Solar panels on the hardtop - ca. 2800Wp with instalation and module, integrated with the main electrical system, supports the charging of HOUSE / HVAC batteries as selected		€6 200,00		

Solar panels on the hardtop with sliding roof - ca. 1400Wp with instalation and module, integrated with the main electrical system, supports the charging of HOUSE / HVAC batteries as selected		€3 800,00		
RIOR FINISHING DESCRIPTION	IMAGES	PRICE		
Below are the proposed layout solutions. Stern part is always tailored to the owner's needs. The crew cabin is always a paid option. If no additional equipment is chosen for this space, it will be finished as a large storage compartment, with a non-slip floor equipped with carrying handles and belts and birch plywood walls (see below). At the client's request, we will prepare a different layout than below.				
SALON PILOT HOUSE	Main deck Layout A standard equipment includes:	Option - without charge		
SALON GALLEY PHOUSE HOUSE	Main deck Layout B standard equipment includes:	€7 500,00		
SALON PRIOT HOUSE	Main deck Layout C standard equipment includes:	€7 500,00		
MASTER GUEST CABIN OFFICE OFFICE	Lower deck Layout A 1 Three bedroom with independent bathroom. Office with pulman or still bed. Master cabin with large bathroom and large wardrobe VIP cabin with two armchairs, table. Large bathroom. Guest cabin with sliding beds. Posible add. pulman bed on the wall	Standard		



dayhead for configuration without crew cabin - option 1 (finishing as other yacht cabin)				
arble / sintered qaurtz, qaurtz, test villeroy&bosh / duravit, grohe, tesk on the floor, sc Grohe, lence/ PLANUS KONOS, pier holders, natural wood veneer on the marine plywood, drawers from playwood, blum fittings, 230V Bercker premium segment - 2x,	€9 000,00			
dayhead for configuration without crew cabin - option 2 (regular finishing)				
DRIAN, ets Roca, grohe, gelcoat on the floor, s: Grohe, BC EasyFit ECO electric, pier holders, natural marine playwood. ex atlantic ash, 230V Bercker regular segment - 2x,	€6 000,00			
Our designers will work together until your dream yacht is created.	price on request			
a i e i e e e e e e e e e e e e e e e e	ets Roca, grohe, gelcoat on the floor, s: Grohe, RD EasyFit ECO electric, pier holders, natural marine playwood. ex atlantic ash, 230V Bercker regular segment - 2X, in the celling regular segment - 3X, Bercker wall swithes regular segment, individual layout dance with the idea of our yard, you can create your own personalized and our designers will work together until your dream yacht is created. So are always settled on an hourly basis, and after the scope of changes is	arble / sintered quartz, ets villerox&bosh / duravit, grohe, tesk on the floor, s. Crohe, lience/ PLANUS KONOS, liener holders, natural wood veneer on the marine plywood, drawers from playwood, blum fittings, 220V Bercker premium segment - 2x, 230V Bercker premium segment - 3x, Bercker wall swithes premium segment, d dayhead for configuration without crew cabin - option 2 (regular finishing) // Technical Dickson, DRIAN, Bels Deasy Rt ECO electric, pier holders, natural marine playwood, ex atlantic ash, 230V Bercker regular segment - 3x, Bercker wall swithes regular segment, in the celling regular segment - 3x, Bercker wall swithes regular segment, dance with the idea of our yard, you can create your own personalized c. Our designers will work together until your dream yacht is created. s are always settled on an hourly basis, and after the scope of changes is	arble / sintered quartz, arble / sintered quartz, arble / sintered quartz, arble / sintered quartz, quurtz, ets villeroxbosh / duravit, grohe, teak on the floor, s. Grohe, lience/ PLANUS KONOS, pier holders, natural wood veneer on the marine plywood, drawers from playwood, blum fittings, 220V Bercker premium segment - 2x, Bercker wall swithes premium segment, and the celling premium segment - 3x, Bercker wall swithes premium segment, and the celling premium segment in the celling premium segment in the celling premium segment in the celling premium segment. ### Create	arble / sintered quartz, ets villeroxbosh / duravit, grohe, etsk on the floor, s. Gobe, s. ANUS KONOS, pier holders, natural wood veneer on the marine plywood, drawers from playwood, blum fittings, 2300 Bercker premium segment - 2x, in the celling premium segment - 3x, Bercker wall swithes premium segment, d dayhead for configuration without crew cabin - option 2 (regular finishing) //C Technical Dickson, 2014) 2014 //C Technical Dickson, 2014) 2015 2014 //C Technical Dickson, 2014) 2015 2015 2015 2015 2015 2015 2015 2015

General information, standard finishing Luxuary Cabin - Salon, Galley, Pilot House, Master Cabin, VIP Cabin, Guest Cabin, Office Cabin floors:carpet cabinet / paneling walls: fabric pannels/ wood veneer/ sintered quartz High quality mattress with base, if possible base has drawers and lockers. Sofa, chairs lighting blind/courtains Luxuary Head - Master Head, VIP Head, Guest Head, Dayhead floors: granit/sintered quartz counter tap: granit/sintered qaurtz walls: sintered quartz sinks and batterys: Grohe shower faucets: Grohe shower glass toilet: TECMA Silent brand towels and papier holders, toilet brush mirror cabinet cabinet / panneling General Construction features for any type of interior, unless the client decides otherwise: All furniture with Flat Panel type is made of 15mm and 18mm veneered plywood according to the needs and design. All decorative strips are made of thick solid wood. All furniture fittings are from Blum and Hetich. Varnishing, high gloss or semi gloss, Hesse-Lignal Brand six layers The laundry cabinets are equipped with additional lighting that is automatically lits inside. The doors to the cabins and bathrooms are made of 1 "- 2.54 cm thick wood and solid wood, and are equipped with hidden hinges The door is equipped with magnetic catches. Shutter doors, if present, are made of solid drainage. The interiors of the cabinets are painted to the same standard as their external parts. The drawers have a frame and a veneered plywood bottom. Varnished to the same standard as the front parts of the furniture. In the finishing and varnishing process we use some of the best Hessa-Lignal varnishes in the world. As the only one for technological reasons. Metallic lacquered panels are made of waterproof MDF boards. Metallic finish varnish from Stoppani guarantees the highest possible quality. We do not use cheap, artificial materials. Our structures are made of the highest quality and natural materials The veneers on the panels and furniture are matched and selected Upholstered panels are made of plywood, solid wood and protected with 3-layer varnish before veneering The materials we use come from the best suppliers in Europe Leather upholstery is made of natural leather. The panels are soft and pleasant to touch thanks to fabrics and multi-layer foams. Upholstery panels are mounted using the Fastmount® system The bulkhead and partition walls are 70mm thick, 27.55 "thick. They are acoustically insulated on both sides. The decks are lined with acoustic insulation. All contradictions were moved as far away from sleeping places as possible. Transfer sewage pumps have been selected of a quiet type and additionally insulated with rubber Stairs, steps, construction made of plywood, covered with solid wood or carpet with a lining according to the arrangement. All windows in sleeping cabin and bethroom are equipment of standard blinds from high quality textiles materials. All other type are inquire on request. Ex wooden louvres. Shutters, window lures in the living room, galley, pilot house, if necessary, require a surcharge. These windows are naturally sheltered most of the day from the sun Basic interior lighting are from premium brands ex Hella marine or better. Ceiling lights, bedside lamps, and reading lamps in each cabin. Ceiling lighting and lighting by the mirror in each bathroom. Corridor, decorative lighting. Lighting of utility spaces, LED lamps from Hella marine Interior design colors are optional, with each order our designer selects the colors, finishes and materials for the entire yacht. Our interiors consist of a dozen or so perfectly matching materials. We never change one material - in the case of e.g. a change in the color of the wood finish, the entire package of the remaining materials is always changed. If the customer requires, we can adapt the interior to the furniture of recognized designers. Interior style common to all rooms TYPE 1 - Elegant, Modern flat panel style interior finished A modern, bright interior referring to contemporary trends. Standard Flat veneered panels finished with a semi-matt varnish, combined with a variety of fabrics

	INTERIOR TYPE 2 Modern style interior finished A modern, bright interior referring to contemporary trends. Flat veneered panels finished with a semi-matt varnish, combined with a variety of fabrics. This style of interior include: armchairs, lamps and tables suitable for the style:	€45 000,00		
	TYPE 3 - Very unique interior The choice of interior finishing depending on the method of making wooden panels, doors and drawers. Table, chairs etc. The most refined interior, designed with great attention to the composition of beautiful details, colors of fabrics and wood. Contains a glossy wood finish. In this interior, the finishing includes upholstery of furniture and drawers from the inside. It contains the most expensive Italian fabrics and leathers.	€75 000,00		
Premium quality fabrics €35 up to €50 per sq.m A set of the highest quality fabrics with full properties for use on a yacht.		Standard		
Premium quality fabrics - €50 up to €150 per sq.m for those who want to choose exceptionally sophisticated fabrics, famous designers, from Italian yarns, we can offer an additional set of fabrics		€9 800,00		
High-gloss furniture finish		€32 000,00		
Aromatic Brasilian cedar wood Manufacture of shelves, bottom of furniture drawers.		€5 700,00		

Individual interior design with visualization Development of interior design in cooperation with the client, individual layout of cabins, furniture, equipment. Fabrics, wood, etc. The end of the design process is to make an accurate visualization. The client makes a choice based on the proposal and introduces changes, the process is calculated individually after the client determines the scope of customization. The valuation is always performed on the basis of the number of hours worked by the designer. The hourly rate is set when signing the contract.		on request		
Galley equipment - Option 1 Bosch Kitchenware: Refirigerator / freezer Bosch Series 6 - KAG93AIEP Dishwasher - Bosch Series 8 SMV8ZCX07E Cooktop - Bosch Series 8 PXE60IDCIE Cooker hood - Bosch Series 4 DFT63AC50 Oven with microwave - Bosch Series 8 HMG636RS1 Coffe machine - Bosch Series 8 CTL636ES6 built-in Wine fridge - Electrolux ERW1573AOA Toaster - Bosch TAIT203 Electric kettle - Bosch TWK7403 Blender Bosch MMBH6P6B Sink with battery: villeroy&bosh/duravit, grohe Countertop - Granite Thick 30mm, 1 3/16", Kashmir White class Flooring - Ceramic tile or stone tile	ВОЗСН	Standard		
Galley equipment - Option 2 Miele Kitchenware: Refirigerator / freezer LIEBHERR ECBN 6256 PremiumPlus Dishwasher - Miele G 5072 SCVi Selection Cooktop - Miele KM 7464 FL Cooker hood - Mlele DA 2578 Oven - Miele H 7264 BP Microwave - Miele M 2230 SC Trash Compactor GE UCG1680LSS Waste Disposal Unit Franke Turbo Elite TE-125 Coffe machine - Miele CVA 7440 built-in Wine fridge - Miele KWT 6321 UC Toaster - Bosch TAIT203 Electric kettle - Bosch TWK7403 Blender Bosch MMBH6P6B Sink with battery. villeroy&bosh/duravit, grohe Countertop - Granite Thick 30mm, 1 3/16", Kashmir White class Flooring - Ceramic tile or stone tile	Míele	€18 000,00		
KitchenAid Built-In Trash Compactor Comaction Ratio 5:1 Solid Pack Control option allows the compactor to condense the amount of garbage that would fill 5 trash bags into 1 bag 1/3 HP motor helps ensure powerful, worry-free operation This compactor features the combination of a fan and charcoal filter to help trap odors to minimize unpleasant kitchen smells Whisper Quiet Plus noise reduction feature helps to maintain a quiet home environment while the compactor is running		€2 100,00		
Waste Disposal Unit Franke Turbo Elite TE-125		€900,00		
Small galley equipment, REPLACEMENT OF BOSCH TO SMEG	S M E G	€900,00		
Peka additional accessories for furnitures, 2x Magic corner for corner cupboard, 1x IMOVE for upper cupboard		€2 500,00		
Thick countertop, granite 50mm/2" thickness, glueing		€2 100,00		
	Change refrigertor for Option 1 form BOSCH Serises 6 with icemaker on outside - to LIEBHERR SBS 7014 Premium BioFresh with the possibility of making furniture fronts. Icemaker is inside	€2 900,00		
	Change refrigertor for Option 1 form BOSCH Serises 6 with icecube maker on outside - to LIEBHERR ECBN 6256 PremiumPlus with the possibility of making furniture fronts. Icemaker is inside	€4 200,00		
Drawer freezer could be located in the Utility room BOSCH Serie 6, first CAPACITY 72I no frost technology could be built-in cabinet		€1 300,00		

Drawer freezer could be located in the Utility room BOSCH Serie 6, second CAPACITY 72I no frost technology could be built-in cabinet		€1 300,00		
Drawer freezer could be located in the Utility room BOSCH Serie 4, first CAPACITY173I without - no frost technology H=146cm		€1 100,00		
Drawer freezer could be located in the Utility room BOSCH Serie 4, second CAPACITY 1731 without - no frost technology H=146cm		€1 100,00		
Drawer freezer could be located in the Utility room BOSCH Serie 6, first CAPACITY 2891 no frost technology H=161cm		€1 500,00		
Drawer freezer could be located in the Utility room BOSCH Serie 6, second CAPACITY 289I no frost technology H=161cm		€1 500,00		
Stern Utility space - Indel Webasto DRAWER 160 Inox 63cm wide Two drawers as refrigerator or Two drawers as freezers or refrigerator and freezer Gross volume - 160L one drawer as a fridge and one drawer as a freezer		€4 350,00		
Stern Utility space - Indel Webasto DRAWER 160 Inox 63cm wide Two drawers as refrigerator or Two drawers as freezers or refrigerator and freezer Gross volume - 160L both drawers as fridges		€4 350,00		
Stern Utility space - Indel Webasto DRAWER 160 Inox 63cm wide Two drawers as refrigerator or Two drawers as freezers or refrigerator and freezer Gross volume - 160L both drawers as freezers		€4 350,00		
Stern Utility space - Indel Webasto DRAWER 160 Inox 63cm wide Two drawers as refrigerator or Two drawers as freezers or refrigerator and freezer Gross volume - 160L both drawers as freezers		€4 350,00		
Flybridge STANDARD - Lrage U shape Sofa with locker, Sofa / sunbed next to captain chair. Large table & two chairs. Cup holders and small locker next to sofa, Table from Marble and teak. Double captain chair with base. Textiles materials from Sunbrella brand or similar. FlyBridge navigation panel in semi metallic lacquer with logo cormorant. Deck floor finishing - gelcoat anti non-surface (more flybridge feature in Mechanical & Deck Hardware Part)		Standard		
Flybridge Deck floor finishing - Woven vinyl	9	OPTION w/o charge		
Flybridge Deck floor finishing - Natural Teak or HQ Syntetic Teak		OPTION w/o charge		
Teak flybridge SET finishing Decorative strip around the entire flybridge, tabs in the storage compartments made of teak wood. gloss varnishing		€6 500,00		
Flybridge Wetbar furniture Fiberglass cabinet wooden front, semi glossy finished. Teak, SS, finished. Countertop Granite Kashmir white class, Additional bar board Doble sink with battery Trash bin under sink Drawers for dishes, inside from solid teak Places for three full size devices Cold & Hot Water, Gray water drain 230V Sockets 4x Berker Three hoker-chairs Wet bar is always designed separately for the client's needs The Wet bar equipment is below Standard possibility configuration for 180cm wide eg. 3x60cm module or 90+90		STANDARD		

Wetbar equipment - Indel Webasto DRAWER 190 Inox 90cm wide Two drawers as refrigerator Gross volume - 190L The DR 190 Inox is a drawer refrigerator in stainless steel design with two separate drawers providing practical adjustable interior	OPTION w/o charge		
Wetbar equipment - Indel Webasto DRAWER 160 Inox 63cm wide Two drawers as refrigerator or Two drawers as freezers or refrigerator and freezer Gross volume - 160L three versions: both drawers as fridges, both drawers as freezers or one drawer as a fridge and one drawer as a freezer. Internal light on fridge and fridge/freezer versions. Internal divider kit available as option.	€4 350,00		
Wetbar equipment - Indel Webasto DRAWER 130 Inox 55cm wide The DR 130 Inox is a drawer refrigerator in stainless steel design providing a gross internal volume of 130L. The main drawerdoor mechanism is the top quality Isotherm solution, capable to ensure safe and large storage for food and drinks. A bottle rack and a patented modular shelves disposal are provided on the main counter door. Two inner drawers are available to ensure the maximum usability as well as great storage, with the top one as	€3 600,00		
freezer compartment (-6°C). Wetbar equipment - Indel Webasto DRAWER 49 Inox 40cm wide The DR 49 Inox is a space-saving drawer unit with stainless steel front door. The interior is designed to suit international cans and food packs with two robust drawers, conventional international sizes of integrated adjustable bars, freezer compartment (-6°C) and internal blue LED light.	€3 200,00		
Wetbar equipment - Isotherm IceDrink Clear 40cm wide Complete stainless steel design Production capacity of 18 kg per day Spray technology for clear ice 230 V /Sohz Quality cubes: compact, cold and crystalline that drop into the collection bin, (not refrigerated), meeting the ice requirements even at peak demand times	OPTION w/o charge		
Wetbar or fore deck equipment - Indel Webasto Divino The One is an integrated wine cooler that keeps wine perfectly chilled during service. It's extremely simple to use: just touch any part of the crown with your finger to activate your Divino The One. Touch and serve your wine always at the right temperature. The Divino The One is based on a powerful thermoelectric core unit that creates an instant cold air jacket around the bottle.	€1 800,00		
Wetbar or fore deck equipment - Indel Webasto CRUISE INOX 36 Gross volume 36L	€1 800,00		
Wetbar equipment - Outdoor dishwasher Kalamazoo	€6 200,00		
Wetbar equipment - Grill Napoleon BIPRO 665, GAS. With gas instalation, storage for gas buttle in stern on main deck. This grill is built into the watbar, the lid has a cut-out, in addition, a cloth cover is supplied on the grill	€9 750,00		
Wetbar equipment - Grill Napoleon BIPRO 605, GAS. With gas instalation, storage for gas buttle in stern on main deck. Grill dimension 85x45 This grill is built into the watbar, the lid has a cut-out, in addition, a cloth cover is supplied on the grill	€6 150,00		
Wetbar equipment - Grill KENYON Model #B70406WH, Electric more information https://www.cookwithkenyon.com/shop/texan-no-lid-electric-grill/	OPTION w/o charge		
Jacuzzi on the fly installs the original jacuzzi with the option of draining the water and heating in an additional tank below the deck Hot tube LODGE+ M	€25 000,00		
Optional Hot tub water storage system and stability balancing 2x600L Ensures that treated water is stored in a hot tub every time you want to sail from one place to another. You can empty the bathtubs into a storage tank located below the deck. The tanks are separated on the port and starboard and are located in the forward part of the yacht. They are thermally insulated, thanks to which they keep the water temperature for a long time. Filling the hot tub takes several minutes and heating to the expected temperature takes faster. Additionally, the tanks can be used to balance the center of gravity. Thanks to their filling, you can lower the center of gravity, which is definitely beneficial in bad weather at sea. The tanks are made of HDPE by the TEKTANKS company and are very durable and resistant to corrosion.	€9 600,00		0
Bedclothes FOR MASTER BEDROOM, VIP BEDROOM, GUEST BEDROOM, 2ND GUEST or Office quilt, pillows, bedcover, decorative pillows -set for 1 cabin towels 100% cotton - set for 1 head colors and details, initials, etc., agreed during the customization process	€7 200,00		

Bedclothes PILOT HOUSE SOFA BED - quilt, pillows, bedcover, decorative pillows -set for 1 cabin towels 100% cotton - set for 1 head colors and details, initials, etc., agreed during the customization process		€700,00		
Bedclothes CREW CABIN- quilt, pillows, bedcover, decorative pillows -set for 1 cabin towels 100% cotton - set for 1 head colors and details, initials, etc., agreed during the customization process for 2 people		€550,00		
Villeroy&Boch SET for 6 Villeroy&Boch porcelain set for 6 with additional serving utensils Villeroy&Boch water glasses 6 pic. Villeroy&Boch champagne glasses 6pic. Villeroy&Boch wine glasses 6 pic. Villeroy&Boch cutlery set 6 pic. Villeroy&Boch salat bow colors and details, agreed during the customization process	5 9	€4 200,00		
Villeroy&Boch SET for 12 Villeroy&Boch porcelain set for 12 with additional serving utensils Villeroy&Boch water glasses 12 pcs. Villeroy&Boch champagne glasses 12 pcs. Villeroy&Boch wine glasses 12 pcs. Villeroy&Boch cutlery set 12 pcs. Villeroy&Boch salat bow colors and details, agreed during the customization process	5 9	€8 400,00		
Elo Stahlwaren Germany - Midnight SET - 4 pcs Made of stainless steel, with a porcelain coating, it is scratch-resistant, durable and durable. The pots are nickel-free and therefore ideal for allergy sufferers. Set of fullI kitchen & wetbar equipment, kitchen knives, containers for spices, cutting boards, etc.		€2 700,00		
Pilot House finishing navigation panel, made of wood, and SS and finished in leather/alcantara. Equipment position as requested. Below, two lockers. Two large vertical handrails made of SS and leather, next to pilot house doors. On the floor Profesional Dikson Woven Floring.or carpet		Standard		
Piolt House - folding chair for navigation table Navigation table with sophisticated drawer on starboard side. With a sophisticated drawer for navigation accessories, contains basic navigation accessories, the prince with the yacht's signature		€1 600,00		
Pilot House - Two large captain chairs , profesional trawler style with folding footrest.	FIL	Standard		
Pilot House - Sophisticated double captain chair with base. electric sliding. Grate locker, map locker, place for printer, place for yacht documentation, footrests. cup holders, heating,		€13 000,00		
Pilot House - Steering wheel, destroyer style 30" with custom cup & cormorant logo. Made of SS		Standard		
Pilot House - Sophisticated steering wheel, custom design, made form SS, leather, wood. 30"		€4 600,00		
Pilot House - Sofa, unfolded and fix table		Standard		
Pilot House - Two large drawers with dividers, opposite to captain armcheir		Standard		
Piolt House - sofa with sleeping function. Additional locker under the seats and Sophisticated folding tabel with rail for fold		€6 300,00		

	Pilot House - The curtain that covers the windows in Pilot House, thick fabric, the curtain runs along a rail around the cabin.		€2 900,00			
	Wodden floor in Pilothous wood with contrast stripes in semi gloss finishing.		€5 200,00			
	Yale YLEM/200/EG1 No1 Interior dimension 190x467x280mm, digi key and emergency key	•	Standard			
	Yale YLEM/200/EG1 No2 Interior dimension 190x467x280mm, digi key and emergency key	•	€900,00			
	Development and implementation of individual customer needs. Customized designs and construction of the interior. There are a number of possibilities for additional changes in the interior designed by us. Each client has the option of ordering additional furniture or changing the existing ones. Such works are priced individually according to the shipyard's hourly rate and material consumption. The rate is agreed upon signing the contract.		on request			
5.HVAC						
	DESCRIPTION	IMAGES	PRICE			
	A/C & Ventilation systems general description A/C General description A/C General description Air conditioning system (cooling and heating) based on the Chilled Water system. Systems are designed with independent devices for parallel or alternating operation with a manual air distributor are provided as backup. One for the VIP cabin of Office/corridor. Third for Pilot House, Galley/Salon . All units with evaporator are installed outside the cabins, to make it to storage spaces under pilot house sofa or other locker, it is possible to cool these spaces with additional air conditioners. Funits Ventilation system with independent supply and exhaust fans for each cabin. Each fan is located in the front technical roexhausts are removed by the bathroom ventilation. Chilled water system: It allows you to regulate the water temperature, in a situation where we do not need to fully use the cooling power, the air comfortable.	and guest. The other one for Master (greater comfort. Additionally, in the or tropical climates, designed to dou om. Fresh air is supplied directly to to r temperature from the exchangers	cabin and e case of large ble the indoor the cabin, the			
	This arrangement has no restrictions as to the length of the installation, so the arrangement of the exchangers can be made with greater comfort. System consumes less energy because the compressor used in the main unit is usually smoothly regulated.					
	The refrigerant is contained in one device in the engine room and cold water circulates in the living quarters. Cabin and utiliti space Ventilation systems by Helios independent supply and exhaust ventilation	WENTILATION	Standard			
	Cabin ventilation system ventilation regulated by air quality sensors. Siemens AirQuality sensors	Warden .	€4 200,00			
	ADVANCE Fire smoke detection system system based on discreet smoke detectors with alarm in the master cabin, In the Pilot House, on flybridge Detection zones: - Master bedroom & bathroom - Guest bedroom & bathroom - VIP bedroom & bathroom - Pilot House - Salon/Calley - Pilot House - Utility room - Crew cabin - Day head - Crew cabin bathroom - Engine room - Third bow machinery		€7 500,00			
	- Third bow machinery A/C Water Chilled system Webasto for regular climates Salon - 5,28kW /18.000 Btu Galley - 5,28kW /18.000 Btu Pilot House - 5,28kW /18.000 Btu Master bedroom - 5,28kW /18.000 Btu VIP bedroom - 5,28kW /18.000 Btu Guest Cabin - 5,28kW /18.000 Btu Joest Cabin - 5,28kW /18.000 Btu Included Water Chiller BlueCool V-Series V77T (8500-77000Btu, 2.5-22.6kW), Chilled water connection system, automatic water refilling, chilled water venting. Webasto and Siemens components may require a more powerful Genset		Standard		0	
	Additional unit for regular climates Office / Corridor - 5,28kW / 18.000 Btu		€2 900,00			

Additional unit for regular climates Crew cabin - 5,28kW / 18.000 Btu	€2 900,00		
Additional unit for regular climates Utility room - 5,28kW / 18.000 Btu	€2 900,00		
Additional system for cooling or heating outside space / for regular climates Flybridge Two Units BlueCool A-series A36 Compact 36.000 Btu, 10.7kW connection to water chilled/heating pump system	€16 000,00		
Additional system for cooling or heating outside space / for regular climates Aftdeck Two Units BlueCool A-series A36 Compact 36.000 Btu, 10.7kW connection to water chilled/heating pump system	€16 000,00		
Additional system for cooling or heating outside space / for regular climates Foredeck Two Units BlueCool A-series A36 Compact 36.000 Btu, 10.7kW connection to water chilled/heating pump system	€16 000,00		
Additional Secondary Water Chiller for regular climates additional 77000Btu BlueCool V-Series V77T (8500-77000Btu, 2.5-22.6kW) with pumps, filter etc. units You can choose this option to increase the unit power of the system and for redundancy purposes may require a more powerful Genset	€23 000,00		
Additional system for regular climates Engine room A/C Webasto BlueCool S-series S27 - 27000BTU/7,9kW Webasto Self-contained unit accessory - duct,grills set Control panel - Webasto, MYTOUCH DISPLAY Cooling Pump WB350, filter, hose, valves,	€9 600,00		
UPGRADE to A/C Water Chilled system Webasto for tropical climates 154000Btu Salon - 3x 5,28kW /2x18.000 Btu Galley - 2x 5,28kW /2x18.000 Btu High House - 2x5,28kW /2x18.000 Btu Master bedroom - 2x5,28kW /2x18.000 Btu VIP bedroom - 2x5,28kW /2x18.000 Btu Cuest Cabin - 2x5,28kW /2x18.000 Btu 2nd Guest Cabin - 2x5,28 / 2x18,000 Btu Included 2x Water Chiller BlueCool V-Series V77T Inverter technology (8500-77000Btu, 2.5-22.6kW), Chilled water connection system, automatic water refilling, chilled water venting. Webasto and Siemens components may require a more powerful Genset	€40 500,00		
Additional unit for tropical climates Office / Corridor - 5,28kW / 18.000 Btu	€2 900,00		
Additional unit for tropical climates Crew cabin - 2x 5,28kW / 18,000 Btu = 36000Btu	€5 800,00		
Additional unit for tropical climates Utility room - 2x 5,28kW / 18.000 Btu = 36000Btu	€5 800,00		
Additional system for cooling or heating outside space / for tropical climates Flybridge Four Units BlueCool A-series A36 Compact 36.000 Btu, 10.7kW connection to water chilled/heating pump system	€6 000,00		
Additional system for cooling or heating outside space / for tropical climates Aftdeck Four Units BlueCool A-series A36 Compact 36.000 Btu, 10.7kW connection to water chilled/heating pump system	€6 000,00		
Additional system for cooling or heating outside space / for tropical climates Foredeck Four Units BlueCool A-series A36 Compact 36.000 Btu, 10.7kW connection to water chilled/heating pump system	€6 000,00		
Additional Third Water Chiller for tropical climates (add. 77000Btu) BlueCool V-Series V77T (8500-77000Btu, 2.5-22.6kW) with pumps, filter etc. units You can choose this option to increase the unit power of the system and for redundancy purposes may require a more powerful Genset	€16 000,00		
Additional system for tropical climates - independent Engine room A/C 2x Webasto BlueCool S-series S27 - 27000BTU/7,9kW - 54000Btu/14.8kW Webasto Self-contained unit accessory - duct,grills set Control panel - Webasto, MYTOUCH DISPLAY Cooling Pump WB350, filter, hose, valves,	€16 500,00		

Independent water heater Webasto Thermo Top 150 15kW . (51 182 BTU/h) Working with central heating (A/C system) and hot water. Diesel fueled.		€8 500,00		
Extensive heating system. Integrated water heating system, connected with cooling water from two main engines, two power generators. Working with Webasto Thermo Top 150. Used too for heating for warm sanit water. Relieves the operation of the air conditioning chiller. Heating capacity up to 50kw (170600 BTU/h), provides a temperature of 20° C/68°F at an outside temperature of -20°C / -4°F Included: OIL HEATER Webasto Thermo Top 150 15kW / 51,180 Btu/h 2x Heat exchanger for Power Generator Hydraulic clouch & buffer tank, pumps with redundance, automatic valaves, termostats Control Unit		€26 000,00		
Extensive heating system. Integrated water heating system, connected with cooling water from two main engines, two power generators. Working with Webasto Thermo Top 150. Used too for heating for warm sanit water. Relieves the operation of the air conditioning chiller. Heating capacity up to 50kw (170600 BTU/h), provides a temperature of 20° C/68°F at an outside temperature of -20° C/-4°F Included: OIL HEATER KABOLA HR 500 20kW / 68,242 Btu/h 2x Heat exchanger for Power Generator Hydraulic clouch & buffer tank, pumps with redundance, automatic valaves, termostats Control Unit		€28 500,00		
Primary Water Boiler - 300l - 79US gal, 2-functions with electric coil 3kW 230V and coil for heat exchanger from main engines		Standard		
Additionaly Water Boiler - 60I- 15US gal, 2-functions with electric coil 3kW 230V and coil for heat exchanger from main engines Independent boiler water for Master or Vip cabin	Common Co	Standard		
Pipeline for cold&hot water, gray, black water, VIEGA pipelines system Potable Water tank V=300I / 79 USgal located below galley, HDPE material, Tek-Tanks, UK Fresh Water tank V=1800I / 396 USgal HDPE material, Tek-Tanks, UK Gray water tank 970I / 132 USgal HDPE material, Tek-Tanks, UK Black water tank 335I / 132 USgal HDPE material, Tek-Tanks, UK Circulation pumps, Jabsco brand or simillar		Standard		
Optional tank for any media - V=740L 195 USgal the type of use is specified when ordering	[60 000	€8 500,00		
Optional tank for any media - V=750L the type of use is specified when ordering	[00 000	€8 600,00		
Optional tank for any media - V=980L 198 USgal the type of use is specified when ordering	[60 000	€14 800,00		
Additional PARKER Aqua Pro mini 27l/h - 7USgal		STANDARD	0	
PARKER Aqua Pro mini 55l/h - 14USgal replace Aqua Pro mini 27l/h - 7US gal		€9 500,00		
PARKER Aqua Matic 900-1 Watermaker 142L/h - 37US gal 220V - Package	- COLHECTU	€21 000,00	0	

	Additional PARKER Aqua Matic 1400-2 Watermaker 220L/h - 58US gal 220V - Package	- CEAN MESSER TO	€28 000,00		
	Additional remonte Control panel for Aqua Matic Watermaker 4"HMI	The state of the s	€2 600,00		
	Selmar Blue Sea 2500 Certified sewage treatment plant. It has a capacity of ca. 2,500 I - 660US gal / day Thanks to the multi-stage process of cleaning the walls, it allows them to be pumped into the water without negatively affecting the environment. It meets all the highest European and American standards. This device is very helpful when you stand for weeks at anchor in a bay without access to a sewage collection point, e.g. in a bay, a blue lagoon.		€38 750,00		
	Central Vacum Cleaner AEG ZC870LCD with pipeline and sockets		€8 500,00		
	Two Aromatizers, sprays the fragrance into the ventilation system, keep the pleasant and selected fragrance inside the yacht		€3 800,00		
	lonizer - It is a technologically advanced system for purifying and ionizing the supplied air in mechanical ventilation systems. It effectively reduces the amount of bacteria, viruses, fungies, molds and dust in the indoor air. The device is included in the ventilation system.	tel stage filter localization. Collection End filter	€2 500,00		
	Fire Protection System Zonel - Engine Room Zone2 - 2nd machinery room under VIP cabin		Standard		
6.NAVI	SATION Audio/Video				
	DESCRIPTION	IMAGES	PRICE		
	GARMIN NAVIGATION & COMMUNICATION LEVEL 1 - Coastal Pilot MULTIFUNCTION DISPLAY & NAVIGATION GPSMAP 8412 MFD 16" 3pcs in extra wide, One frame less display 115cm x 19,5cm - in the Pilot House GPSMAP 8416 MFD 16" 2pcs in the Fly bridge SONAR Panoptix LiveScope GPS ANETNNA 24XD PRIMARY AUTOPILOT REACTOR 40 SENSORS SAIL PACK 52 GNX (wind speed, wind direction, outside temp, watter temp.) RADAR GMR FANTOM 18 CAMERA IP GC 200 in the engine Room CAMERA IP GC 200 view stern direction Communication:	GARMIN.	STANDARD		
	Primary VHF - VHF 215i Piolt House + Full function handset on the Flybridge Secondary VHF - VHF 215i Piolt House + Full function handset on the Flybridge Transponder AIS 800 TRANSCEIVER CLASS B Antena GA™ 38 GPS/GLONASS inReach Mini Marine Bundle - Iridium satelite communicator	LEVEL 1			
	GARMIN LEVEL1 Upgrade - Radar open array antenna GMR™ 1224 xHD2	GARRIN	€8 100,00		

MULTIFUNCTION DISPLAY & NAVIGATION GPSMAP 8422 MFD 24* 2pcs in the Pilot House GPSMAP 8422 MFD 24* 2pcs in the Pilot House (central position) GPSMAP 8424 MFD 24* 1pcs in the Pilot House (central position) GPSMAP 8416 MFD 16* 2pcs in the Pilot House (central position) GPSMAP 8416 MFD 16* 2pcs in the Fly bridge SONAR Panoptix LiveScope GPS ANETNNA 24XD PRIMARY AUTOPILOT REACTOR 40 SENSORS SAIL PACK 52 GNX (wind speed, wind direction, outside temp, watter temp.) RADAR GMR FANTOM 18 RADAR GMR 1226 xHD2 open array antenna CAMERA IP GC 200 in the engine Room CAMERA IP GC 200 view stern direction Communication: LRC Transceiver package based on ICOM include: Primary Radio Station VHF - Icom M605EURO Output Power: 1W/25W in the Pilot House + Flybridge stand alone panel Icom M605Euro - Third stations Total Theere (3): 1.Engine Room Icom COMMANDMIC HM-229B + cables OPC-2384, 2.Crew Cabin, 3. Master Cabin Radio Station HF/MF SSB - Icom M803 SSB Output Power:150W Frequencies 0.5-29.99Mhz Radio Station SSB - The AT-140 automatic antenna tuner from ICOM M803 [is suitable for 1.6 to 30 MHz. Ideal for whip antennas, backstays etc. For 100 watts continuous power or 150 watts PEP] Transponder AIS 800 TRANSCEIVER CLASS B Antena GA™ 38 GPS/GLONASS SATELITE COMPASS MSC 10 inReach Mini Marine Bundle - Iridium satelite communicator	GARMIN. LEVEL 2	€44 800,00		
SECONDARY AUTOPILOT REACTOR 40 - electronics + hydrulic pump		€8 500,00		
Night vision Thermal camera The M232 FLIR pan and tilt camera marine thermal cameras. Featuring a resolution of 320 × 240, the M232 improves safety by revealing vessels and obstacles at night. Enjoy 360 degree viewing while underway. Combine the M232 with a Raymarine Axiom MFD and take advantage of FLIR ClearCruise™ intelligent thermal analytics. ClearCruise™ provides audible and visual alerts when "non-water" objects such as boats, obstacles, ornavigation markers—appear in the scene. This enhances boaters' overall situational awareness, both day and night. Installation Note: ClearCruise™ features are only available on conventional ball-up installations. ClearCruise™ is not available on ball-down installations. Please consult your FLIR dealer for more details. RANGE PERFORMANCE Person in the Water ~1,500 ft (457 m) Small Vessel ~0.67 nm (1.3 km) Detector Type 320 × 240 VOx Microbolometer E-Zoom 4x Flield of View 24° × 18° Image Processing FLIR Proprietary Digital Detail Enhancement™ Pan/Tilt Range Pan: 360° (continuos), Tilt: +110°, -90° COLOR CAMERA Resolution 320 × 240 ENVIRONMENTAL Drop Test Rating Im drop (in packaging) EMI IEC 60945 Operating Temperature Range -13°F to +131°F (-25°C to +55°C) Wind 100 mph (161 kph) MARINE IMAGING & OPTICAL Video Refresh Rate 9 Hz POWER POWER Power Consumption 15 W (typical) 18 W (max)	O A SEE SEE STATE OF THE SEE SEE SEE SEE SEE SEE SEE SEE SEE S	€4 500,00		
M364C DUAL PAYLOAD THERMAL CAMERA NO JCU 640 X 512 24D HFOV FLIR M364C Dual Payload Thermal Camera No JCU 640 x 512 24D HFoV has a high definition camera with low light and one of the most advanced FLIR thermal imaging cores, provides an elite level of awareness in the water. Both cameras use multispectral images to offer the exclusive FLIR Color Thermal Vision ™ (CTV) technology. Color Thermal Vision combines visible camera details with a thermal image, superimposing vital color images that allow captains to positively identify navigation aids and other vessels within the thermal scene. Specyfication Detector Type: 640 x 512 VOx Microbolometer Field of View: 24° x 18° Image Processing: FLIR Proprietary Digital Detail Enhancement HD-SDI Lossless Video Output: Ves Network Video Output: Single H.264 Network Video Stream Pan & Tilt Adjustment Range: 360° Continuous Pan, +/- 90° Tilt Pan/Tilt: Ves Color Camera E-Zoom - Color: 12x Daylight Imaging Zoom: 30x Optical Zoom Detector Type - Daylight: 1/2.8" Exmor R CMOS Field of View - Daylight: Dizel aid 63.7" x 35.8° WFOV to 2.3° x 1.29° NFOV Focal Length - Daylight: Dizel aid 63.7" x 35.8° WFOV to 2.3° x 1.29° NFOV Focal Length - Daylight: Dizel and 53.7" x 35.8° WFOV to 2.3° x 1.29° NFOV Focal Length - Daylight: Dizel mot 64.3 mm Lines of Resolution - Daylight: Dit lux (50 IRE, 1/30s, ICR off, slow shutter off, high sensitivity off) / 0.0008 lux (30 IRE, ICR on, slow shutter 1/4s, high sensitivity on) Environmental Automatic Window Defrost: Standard at Power-Up Shock: 15g vertical, 9g horizontal Water Ingress: IPX6 (heavy seas, power jets of water) Wind: 100 knots (115.2 MPH) Marine Imaging & Optical Focus: Fixed 12ft (3m) to infinity Thermal Imaging Continuous E-Zoom: 8x Focal Length - Thermal: 30 Hz ANTENNAS VHF, MF, HF, TV & SAT		€20 500,00		

Antenna GLOMEX SAT MARS 4 MK2+ (dish diameter 600 mm/24")		€4 300,00		
Antenna - KVH TracVision TV6 - Ultra high-efficiency, 60 cm (24-inch) diameter antenna features proprietary RingFire™ technology for stronger signals, wider geographic coverage, and better reception more information: https://issuu.com/kv/hindustries/docs/br_tv-series_1-10_leisure_brochure_ke_0820_issuu?fr=sY2JjMjE3NTcxNzk https://www.defender.com/pdf/TracVision_TV%20series.pdf	TRADVISION 504	€11 453,00		
Secondary DISH for for the symmetrical appearance of the SAT antennas, e.g. the Glomex weBBoat modem and router are installed in the dummy sat antenna. Depending on the choice of the SAT antenna, it is a dummy KVH or Glomex		€1 200,00		
Antenna GLOMEX Internet + ROUTER, weBBoat 4G Lite single SIM - 4G/3G/LTE oraz Wi-Fi - ASA - SB PB - High 300 mm (6,3") - Diametr 250 mm (10")". mounted in secondary DISH Glomex or KVH, depends from choice TV Sat antenna	White share to be	€1 400,00		
Antenna - KVH TracPhone LTE 1 Compact, marine-grade system: $34.2 \text{cm} \times 33.7 \text{cm} \left(13.5" \times 13.3"\right) / 2.8 \text{kg} \left(6.25 \text{lbs}\right)$	China T. Tana China Market China T. Tana China Market China T. Tana Chin	€2 625,00		
Antenna - KVH Tracphone V3-IP Mini VSAT System In V7-IP Dome, 60 cm (24 in) diameter, 26.1 kg (57.6 lbs)	THE PARTY OF THE P	€18 900,00		
Antenna - KVH TracPhone V3HTS - 5 Mbps Marine VSAT System Rugged, powerful, compact Ku-band VSAT antenna - In V7-IP/HTS Dome - 60 cm (24 in) diameter, 26.1 kg (57.6 lbs)	none : radionary	€26 970,00		
Antenna - KVH TracPhone V7HTS - 10 Mbps Marine VSAT System - TV8 Dome 60 cm (24 in) diameter, 26.1 kg (57.6 lbs)	The Project	€44 926,50		
Antenna - KVH TracPhone V11HTS - 20 Mbps Ku/C Band Marine VSAT 1.2 m (D) \times 1.4 m (h) / 109 kg (48.8" (D) \times 57.3" (h) / 240 lbs)	The Contract of the Contract o	€67 950,00		
Anetnna - KVH 01-0320 TracPhone FB150 Inmarsat FleetBroadband 150Kbps (18.5kB/s), With 10m (32 Ft.) Antenna Cable	TAACHAGAN	€7 950,00		
Gauges, Indicators - Helm Station				
General discription The place of the captain and navigator has been designed with attention to ergonomics and easy reading messages. Acces backrest. A slightly raised space in the wheelhouse, side partitions were made to emphasize this important place on they a have their own space, on the other hand, they are not completely isolated from family or friends. The control console connects two worlds, a place for perfect professional multifunctional displays, several radio stations wit other hand, it is still a place carefully finished with excellent materials. It allows for multi-week cruises in a fantastic environment.	cht. On the one hand, the captain ar h different ranges, throttles and joys	nd the navigator		
Level 1 - Factory gauges provided by engine manufacturers Includes instrument cluster, analogue and information display. This is a factory kit supplied by the engine manufacturer. Features limited to engine maintenance and diagnostics. The key switch is supplied from the engine manufacturer. 4.10" (UE mm) Ditchio Combilial and Built in Inclinements.		Standard		
4 1/2" (115 mm) Ritchie CombiDial and Built-in Inclinometer Level 2 - VDO Aqualink PILOT HOUSE STATION Engine monitoring system and key systems on the yacht. Built with the highest quality VDO Aqualink components. On Beautiful large analog gauges, equipped with digital control systems. They are very precise. They keep a traditional appearance. When this system is selected, Boening components are responsible for the engine start-up elements and electronic keys. Flybrigde: When this option is selected. Engine data are display only on MFD You can selected this option if you need additional Gauges only for Flybridge. In this case standard configuration is:		€5 500,00		
Level 2 - VDO Aqualink FLYBRIDGE STATION Engine monitoring system and key systems on the yacht. Built with the highest quality VDO Aqualink components. On Beautiful large analog gauges, equipped with digital control systems. They are very precise. They keep a traditional appearance. When this system is selected, Boening components are responsible for the engine start-up elements and electronic keys. Flybrigde: When this option is selected. Engine data are display only on MFD You can selected this option if you need additional Gauges only for Flybridge. In this case standard configuration is:		€9 500,00	0	

Level 3 - Boening with yacht manegment system Engines monitoring, systems monitoring, control and alarms. They were provided by two separate systems. Based on exclusive Boning components. One big 19.5" or two 8.8 "displays located above the steering wheel. Provides control of the operation of two engines, fuel systems, fuel transfer. Service and monitoring of bilge pumps, navigational lighting. Information about open portholes. Information from smoke detectors. The function can be operated on the screen as well as using additional controllers located on the right captain's console. The right console also has an access control system for starting engines with electronic keys. Searchlight controller, Foghorn controller. it is the most developed control system, known for the highest quality of workmanship. Known for professional solutions		€45 000,00		
Old style monitoring Trawler diagram		€1 750,00		
Additional operating and monitoring screens. They allow for electronic control of lighting scenes. Support for a multi-zone audio system reading of liquid levels roller blinds control and other devices that will be installed on the yacht The system is built on the executive elements, Empirebus or Boening. Depends on the choice of other component systems. This is only display for comfortable operation. Device module and system is require. Included in this package is one 10 "screen in the salon and one 10" screen on the fly bridge		€8 300,00		
BARIGO INSTRUMENTS Baro/Thermo/Hygrometer combined, for desk top only. Gunmetal solid brass case, size 146 x 90 mm.		Standard		
BARIGO INSTRUMENTS Baro/Thermo/Hygrometer combined, for desk top or wall mount (with wall fixing plate for maritime use, included). Gunmetal colour round solid brass case, diameter 104 mm.		Standard replacement		0
The WEMPE NAVIGATOR II Combination instrument is a masterpiece of maritime fine mechanic and symbolises the high-quality instrument fabrication "Made in Germany". It consists of a double chamber barometre and a thermometre/hygrometre. Both displays are embedded in a 55 mm thick black wooden board. Thanks to Luminova markers, the Arabic numbers glow. An additional highlight is the gradual seconds hand. The measuring instruments have either a nickel-plated matt or anodised black frame.		€1 900,00		
HiFi AUDIO & VIDEO SYSTEM				
HiFi Audio & Video system Fusion- Equipment Level 1 Includes: FUSION 4 zone player, amp. and speaker 4 speakers in the salon / galley 4 speakers on the flybridge 2 speakers on the aftdeck 2 speakers on the fore deck 4 built-in remote controls TV Panasonic 55 " in the living room - with cupboard redy for eg.Sony PS TV Sharp 24" in the waster bedroom on the wall TV Sharp 24" in the VIP bedroom on the wall	FUSION'	STANDARD		
HiFi Audio & Video system Bowers & Wilkins - Equipment Level 2 Includes: Apollo FUSION 4 zone with amplifer 6x100W (Apollo Marine Entertainment Hideaway System MS-WB670) All speaker Exlusive Browers&Wilkins brand with a custom resonance chambe 2 speakers in each cabin - B&W CCM382 200mm 8" 4 speakers in the salon / galley - B&W CCM382 200mm 8" 4 speakers on the flybridge - B&W Marine 6 Marine 200mm 8" 2 speakers on the fatdeck - B&W Marine 6 Marine 200mm 8" 2 speakers on the fore deck - B&W Marine 6 Marine 200mm 8" 4 built-in remote controls TV Panasonic 55" in the living room - with cupboard redy for ex.Sony PS TV Sharp 24" in the master bedroom on the wall	Bowers & Wilkins	€21 000,00		
TV Sharp 24" in the VIP bedroom on the wall Stereo Yamaha pianocraft in the master bedrrom, finishing in silver aluminium integration with B&W Ceiling speaker Stereo Yamaha pianocraft in the VIP bedrrom, finishing in silver aluminium integration with B&W Ceiling speaker Independent unit Fusion RAS5 in Guest cabin Independent unit Fusion RAS5 in Office cabin with connect to laptop Independent unit Fusion RAS5 in Crew cabin Cable set for speakers - AudioQuest SLIP-DB 16/2	◎ YAMAHA			
HiFi Audio & Video system Bowers & Wilkins - Equipment Level 3 Includes: Apollo FUSION 4 zone with amplifer 6x100W (Apollo Marine Entertainment Hideaway System MS-WB670) All speaker Exlusive Browers&Wilkins brand with a custom resonance chambe 2 speakers in each cabin - B&W CCM682 4 speakers in the salon / galley - B&W CCM682 8 speakers on the flybridge - B&W Marine 8 Marine 250mm 10" 2 speakers on the aftdeck - B&W Marine 8 Marine 250mm 10" 2 speakers on the fore deck - B&W Marine 8 Marine 250mm 10"	Bowers & Wilkins			
4 speaker on the half deck - B&W Marine 8 Marine 250mm 10" 4 built-in remote controls TV Panasonic 55" in the living room - with cupboard redy for ex.Sony PS TV Sharp 24" in the Hilly bedroom on the wall TV Sharp 24" in the Wilb bedroom on the wall Stereo Yamaha pianocraft in the master bedrrom, finishing in silver aluminium integration with B&W Ceiling speaker Stereo Yamaha pianocraft in the WIP bedrrom, finishing in silver aluminium integration with B&W Ceiling speaker Independent unit Fusion RA55 in Guest cabin Independent unit Fusion RA55 in Office cabin with connect to laptop Independent unit Fusion RA55 in Crew cabin Cable set for speakers - AudioQuest SLiP-DB 16/2	⊗ YAMAHA	€32 000,00		
HiFi in the Salon YAMAHA A-S2100 + YAMAHA NPS303		€3 500,00		

	One add. TV 40" in Master bedroom PANASONIC LED TX-40HX810E with celling installation manual operation		€2 100,00		
	One add. TV 40" in Master bedroom PANASONIC LED TX-40HX810E with celling lift instalation		€5 900,00		
	Video Surveillance - CCTV - OUTSIDE & DOCKING CAMERA				
7.10.00	CCTV IP CAM - OUTSIDE & DOCKING CAMERA Equipment level 2 CAMERA Portside - view to Bow CAMERA Portside - view to Stern CAMERA Stern - view to Stern CAMERA Starboard side - view to Stern CAMERA Starboard side - view to Bow CAMERA Bow - view to Bow portside CAMERA Bow - view to Bow starboard side CAMERA Bow - view to Bow atarboard side CAMERA Flybridge - view on aft fly deck CAMERA Engine Room - view to bow CAMERA Engine Room - view to stern CAMERA Bow underdeck technical space	GARMIN	€18 500,00	0	
7.Mech	anical & Deck hardware DESCRIPTION	IMAGES	PRICE		
	On-board equipment includes: hendreling on main deck and flybridge storm drains exhaust finished with SS supply and exhaust grilles finished with SS decorative stripes emphasizing the silhouette (two on the hul and one on the superstructure) Trawler bow badges enclosed filling cup (water & fuel) flagmast from SS Windshield wipers dual arm, 2 speed, with window wash system Navigation lamp, Basic waring/horn signal Windlass & anchor Lofrance or Maxwell electric 3500 class with capstan, pilot with counter. Pilot House control panel and counter Windlass base with anchor rail SS steel, Anchor SS Delta Lewmar 63kg 138lbs, Chain 13mm - 100m Foot switchs on bow cleats and side half-locks - total 8pcs. Shekel above waterline central on bow, e.g. for dinghy, etc. Forepick included: aluminium step ladder topcost finishing chain locker Relaxation area on the foredeck includes: Two independent mattresses Large sofa, Table Glass holders Large compartments where you can hide mattresses and a few other things. Relaxation area on the aft deck includes: Two independent small sofas Table Cupboard, 3 doors finishing gelcoat - (located between salon and aft deck) Swiming platform deck oor finishing - gelcoat anti skid surface, 4 small cleats for tender docking Foldway ladder with 4-step teak Deck Lights includes Celling spot lights Lower half deck ki lights under steps lights Deck floor finishing - STANDARD gelcoat anti skid surface				
	Regular swimming platform finishing or Natural Teak or HQ Syntetic Teak		OPTION w/o charge		
	Large swimming platform finishing or Natural Teak or HQ Syntetic Teak		OPTION w/o charge		
	Large + lifted swimming platform finishing or Natural Teak or HQ Syntetic Teak		OPTION w/o charge		
	Aft deck finishing (from stern to first step on the side decks) Natural Teak or HQ Syntetic Teak		OPTION w/o charge		

Side decks and foredeck Natural Teak or HQ Syntetic Teak finishing		OPTION w/o charge		
Weather Doors on the side decks (port & starboard side) made of thick plexiglass with SS frames are located at the pillars supporting the flybridge they are a good solution in combination with the cabrio cover, they close the aft deck space, protect against wind, keep warm on the deck.	Uptown Girl	€3 800,00		
Aft deck cabrio enclosure		€7 800,00		
Flybridge cabrio enclosure		€12 500,00		
Set of folding four chairs and a table to be folded out e.g. on a platform		€5 500,00		
Set of folding two sunbeds and a table		€3 900,00		
One Shower on swimming platform	4	STANDARD		
One Shower on the foredeck	4	OPTION w/o extra charge		
Sunshade on the foredeck, two position. Bag for storage		OPTION w/o extra charge		
Sunshade on the aft flybridge, two position. Bag for storage		OPTION w/o extra charge		
Sunshade on the aft deck, manual operated		€4 500,00		
Aft sofa - Large table upgrade Replacement two sofas and table for large table & U sofa with open base and locker. Additionally two chairs		OPTION w/o extra charge		

OUTSIDE Cover SET for all outside furniture		OPTION w/o charge		
Gangway, hydraulically operated. Could be use this option only for short long and middle long swimming platform		€32 000,00		
Gangway, hydraulically operated. Could be use this option only for long swimming platform and hydraulic lifting swimming platform		€36 000,00		
Fully automized stern boarding passerelle-stepladder, alternate solution for gangway Fully automatic aft boarding ladder, alternative to the gangway. Two-functional stairs located under the swimming platform provide a very safe and comfortable entry both to the water and the quay. Cannot be used with the lift platform		€38 000,00		
Additional comfortable Swimming stepladder - manual Opacmare 3234 model Particularly lightweight and compact retractable swim ladder in highly polished AISI 316 stainless steel with four steps in TEAK. Supplied with supporting flange for fixing to the boat and a handle on the first step for ease of movement. For safety reasons, this type of ladder is mandatory, light and unfolded by hand.		€6 500,00		
Additional outside lockers package Two large, two small next to pilothouse Three very large locker in the integrated swimming platform (only if selected longest platform) Six locker in the wall aft flybridge Two large in stern wall on the aft deck		€8 200,00		
Flag mast, finishing in Iroko or Teak wood 3 times oiled and polished, mahogany wood high gloos Stoppani laquer 16 layers, SS steel		OPTION w/o extra charge		
Living lights upgrade package Replacment lower lights, understep lights for type Additionally 4pcs, pop-up LED ligts on the foredeck Additionally 7pcs short lights on the end of swimming platform. Mark the border of the platform at night		OPTION w/o extra charge		
Yacht Name and Port becklight		on request		
Docking lights upgrade package Two Bow static, high beam lights ICA 996 197-661 Hella Marine Two on the superstructures on aft part, Hella Marine Sea Hawk-470 LED Floodligh Two under hardtop on the flybridge		€5 700,00		
Lumishore lights - 7 ligts dual color (white&blue). 6100 lumens, 90° beam agle. With connection to Raymarine MFD control. surface mount	Mark Loren American SMX53 SMX53 and and	€7 500,00		
Additional two lights to base set, Lumishore lights - dual color (white&blue). 6100 lumens, 90° beam agle. With connection to GARMIN MFD control. surface mount		€2 100,00		
Deck lights (on the fore deck relax space) Four Aurora pop-up lights. 61diametr, 220mm high after turn up.	-L.	OPTION w/o extra charge		
Serchlights Rotating - Jabsco Remote controlled searchlight with auto sweep mode - 60010 Series, 255SL remote control 24 volt dc, Halogen type, mounted on the base below 2nd radar antenna. Finished in roof colour and other navigation instruments on the antenna mast. Horizontal movement: 360° Vertical movement: 60° Two high output sealed beam bulbs Output: 10 lux @ 100 m Range @ 1 lux: 315 m		€2 350,00		
Air horn.Complete Marine Air Horn Chrome finishing, mounted on roof. Controlled throught Boning Horn system. More information about control in Navigation Audio Video part.	360	€2 800,00		
Decks washing system & Anchor chain wash 6 points in board for high pressure water pump sprinkler system. For handup cleaning decks. The washing water is taken from the freshwater tanks (maindeck and fly deck) Washer valves for anchor and deck washing. Under portside anchor zone cover are valves for select water distribution. 1. Deck pionts system, 2. water points with hose, undercover, 3. washer valves for anchor.		€4 500,00		

	Tender and Toys on the fly deck Package				
	Dimension data: The maximum length of the tenderer is 5600mm without outboard engine. Maximum beam 3250mm. They are two station on the deck- for tender and jetski included: 4 Tender chocks with deck sockets Semi hydraulic davit 1000 class, lift up to 400kg (maximum reach 244cm/8', power luffing, manual rotation) Foundation and deck reinforcement Cradles for two kayaks Regardless of whether you are transporting a Jetski or a tender , there will always be room for additional kayaks and SUP. Stern locker is also place for a handy tool cabinet. Useful brackets and shelves in Iroko wood Supports for fishing rods. The compartment to store other items such as consumables for long voyages (engine oil, etc). In the locker you will find compressed air outlets. On the fly are 10 points for storming the equipment on the deck and side walss.		€28 500,00		
	Flybridge Crane Upgrade, 1000 class, fully hydraulic Maximum lift 454kg, Reach 3m / 10' 4 Function Hydraulics (Luffing, Boom Extension, Rotation, Winch) Wireless Control, · 24V DC Power Unit, · Smooth Quiet Operation upgrade to 'Tender and Toys on the fly deck Package'		€9 000,00		
	Flyridge Crane Upgrade, 1500 class, fully hydraulic Maximum lift 680kg, Reach 2.1-3.7m / 7-12' 4 Function Hydraulics (Luffing, Boom Extension, Rotation, Winch) Wireless Control, · 24V DC Power Unit, · Smooth Quiet Operation upgrade to 'Tender and Toys on the fly deck Package'		€24 000,00		
	Tender CHOCKS on the swimming platform		€3 200,00		
	Forepeak. upgrade In the forepeak there is a place for a chain locker, deck cleaning equipment, space for storing garbage, and a place for installing a compactor. Access is provided by a comfortable ladder with large steps. The inner surface of the laminate is finished with a white gelcoat. Finishing elements are made of Iroko wood, oiled 3 times and polished.	(E)	€4 200,00		
	Upgrade for Lewmar 63kg to ROCNA Stainless Steel Anchor - 70kg		€3 800,00		
	Additional second anchor station on bow, next to primary station Windless Lofrance or Maxwell 3500 VWC Hydraulic. class, chain 13mm / 1,2" 1000m Dash control panel and counter Wireless pilot with counter display - set Windlass base with anchor rail Anchor SS Claw Lewmar 63kg Tte choice of this optiona, replaces all rollers made form plastic on bronze		€21 300,00		
	Two electric Capstan on Stern Maxwell VC1000 / 1000W Motor		STANDARD		
	Windlass upgrade replacement of an electric windlass, requires selecting Hydrulic Power Pack	※	€4 800,00		
	Additional Two roller chocks, made SS, 260x45mm Max line d28,		OPTION w/o extra charge		
	Air compressor ATLAS COPCO . Located under floor with easy maintance revision cover.		€1 850,00		
	GAS Tank for Jetski or dinghy - Scepter Flo 'n Go Duramax Portable Fuel Tank and Pump 53L		€900,00		
	Swimming platform staple rails		€3 500,00		
8.spec	ial requirements				
	CE marking certificate, A-category, RINA approval		Standard		
	MGB280 Commercial Code certifacte		price on request		
	RINA Hull & Machinery classification		price on request		

Extended warranty for components from large manufacturers	price on request		
Fender cover with yacht name	price on request		
set of spare parts, consumables	price on request		
	price on request		



CORMORANT YACHTS MANUFACTURER

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