



Kalliente



Asking Price: POA

BUILDER:	Dominator Yachts	LOA:	27.50m
YEAR:	2017	BEAM:	6.60m
FLAG:	Unregistered	DRAFT:	1.30m
DESIGNER:	Alberto Mancini	SPEED:	15 - 21 Knots

ROYAL YACHTING MIDDLE EAST BOAT TRADING LLC





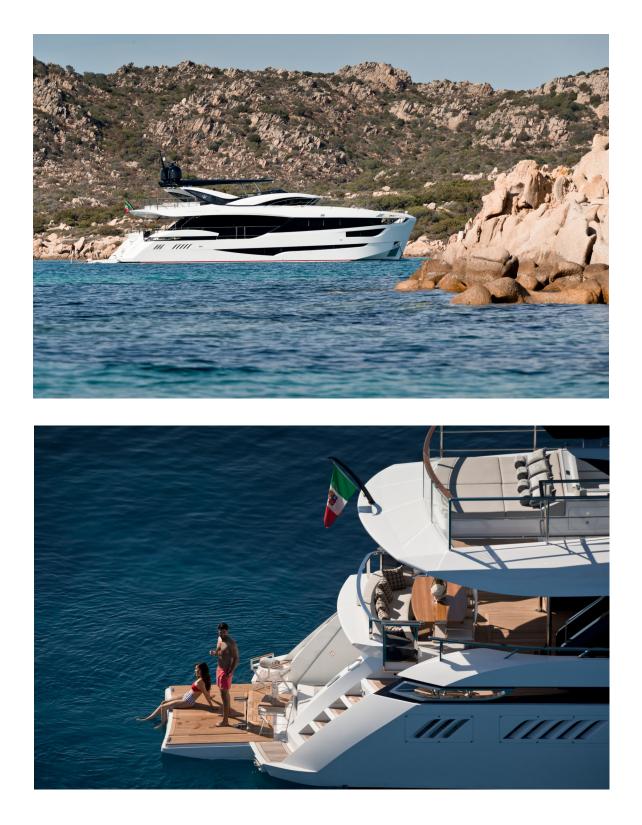
Exterior Images











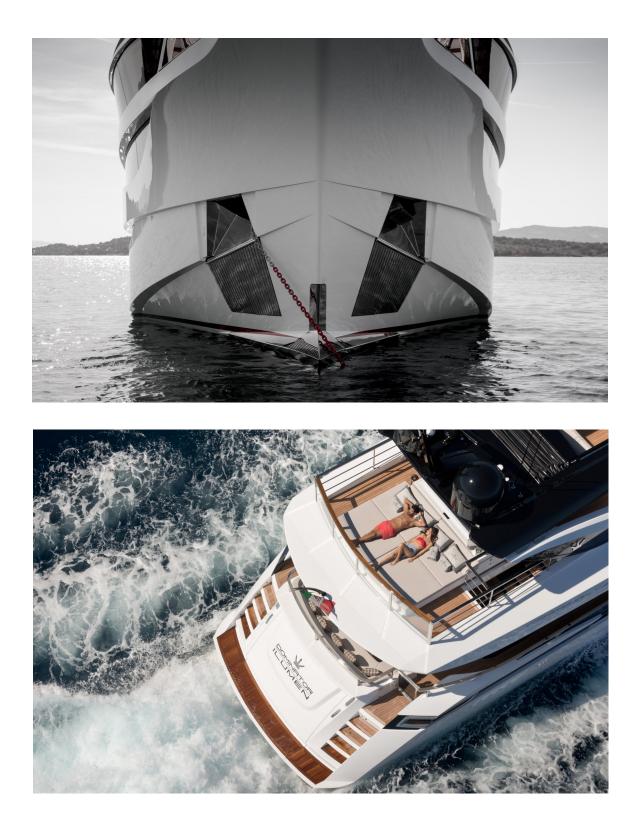






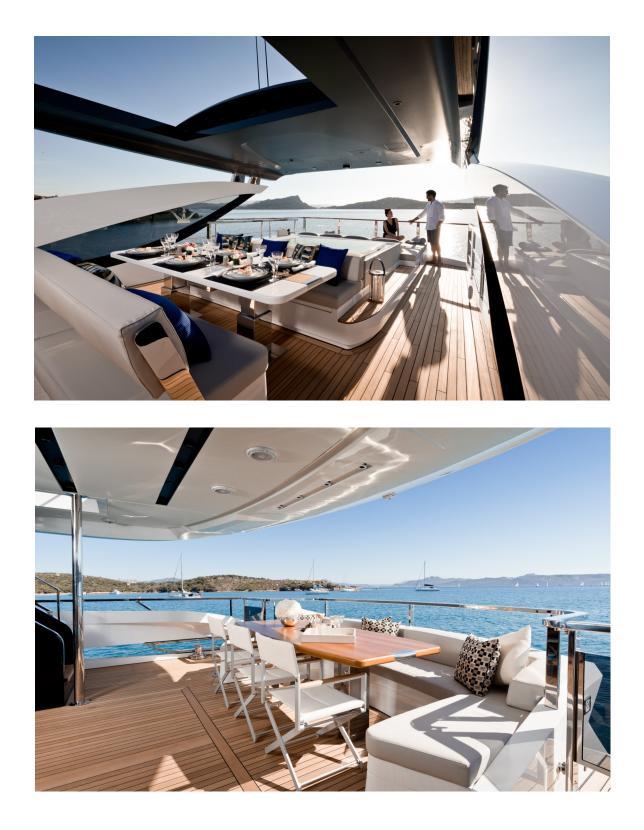






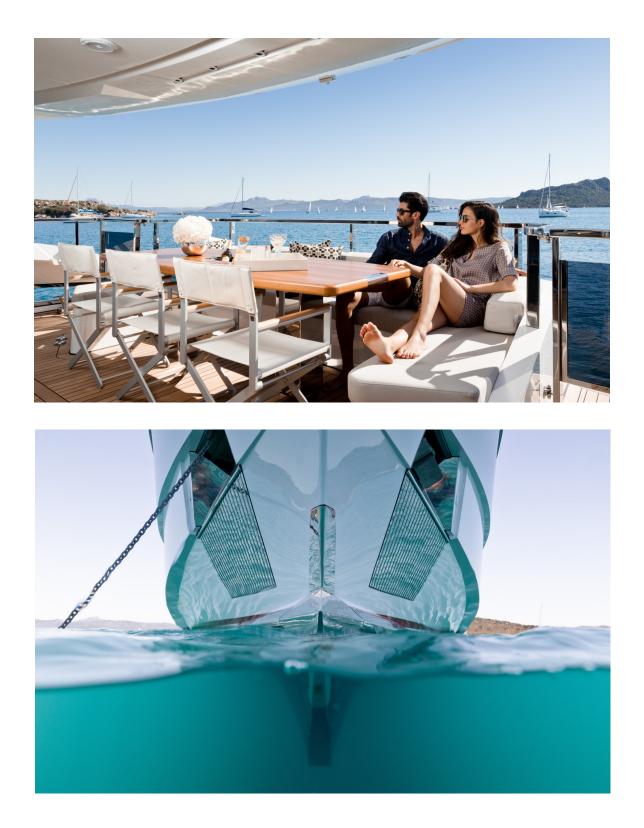






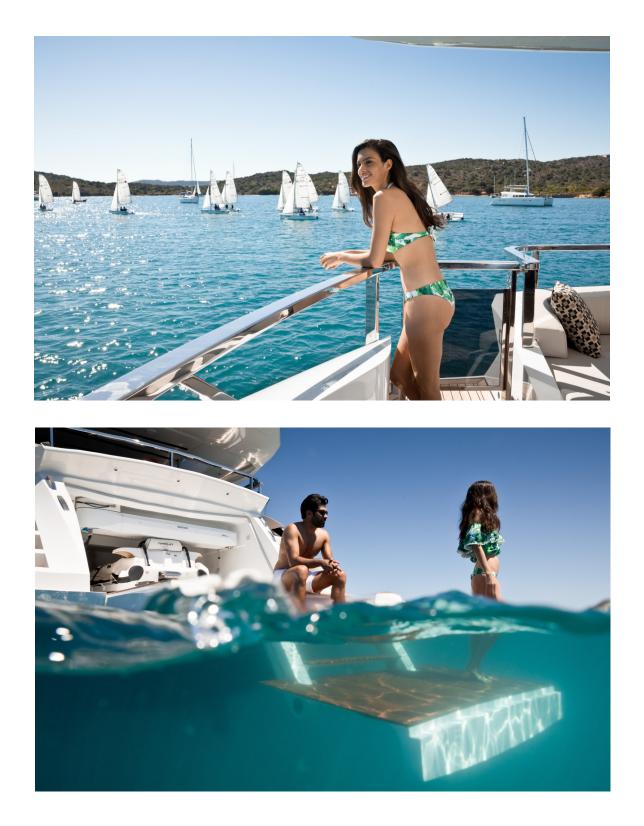






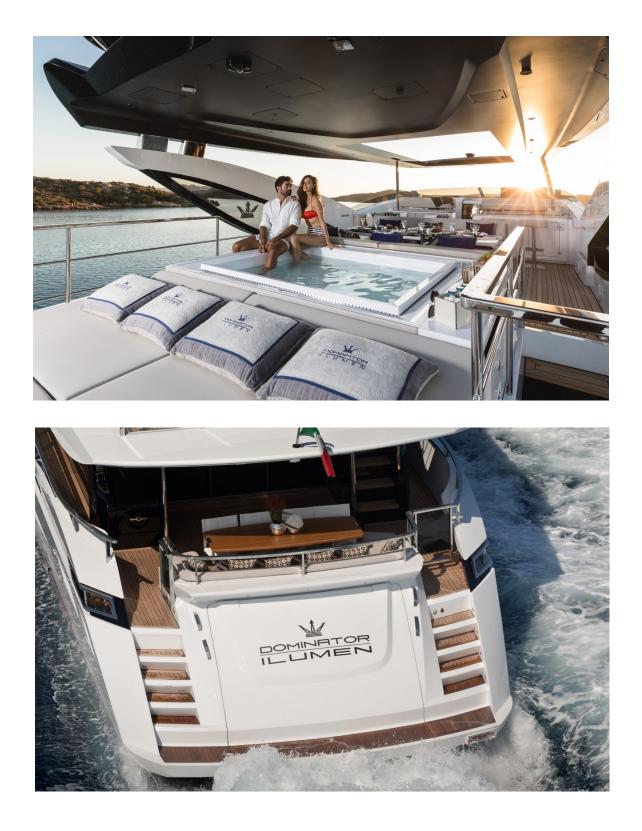






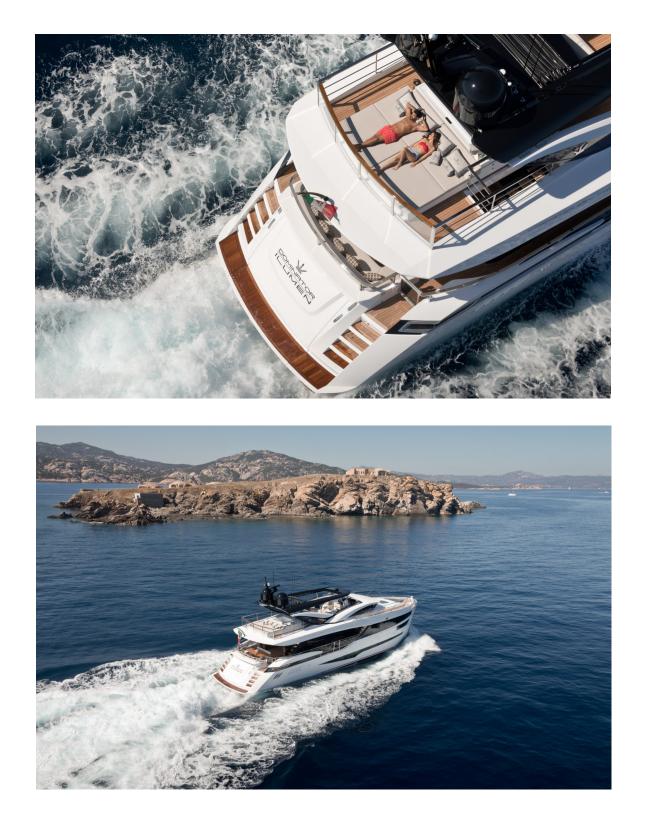








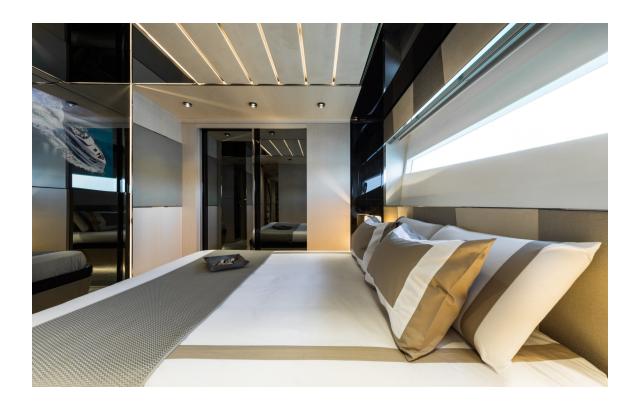








Interior Images









Interior Images





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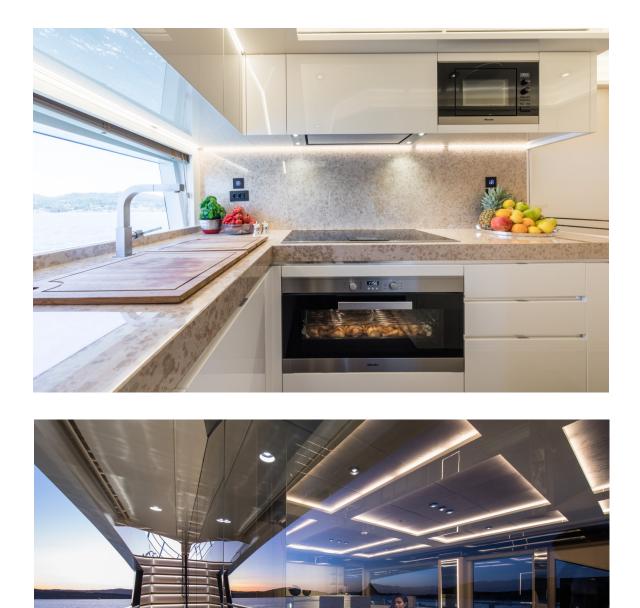






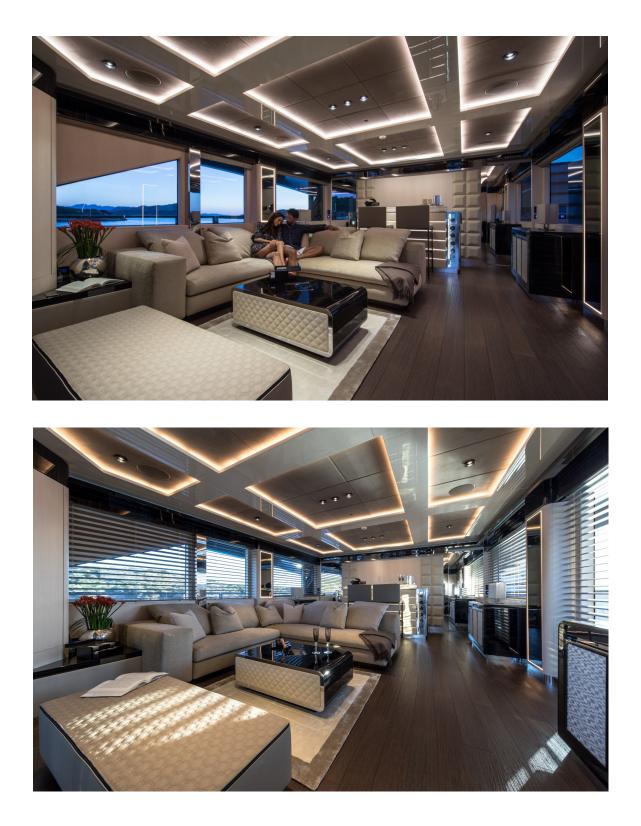






















The Specification

The most innovative design and advanced processing techniques have been applied to achieve the very best results in all technical spheres. Ilumen was born of a skillful mix of engineering and design, where beauty, functionality and efficiency were harmonized like in no other yacht of the same length.

Model:	Dominator Ilumen 28M
Туре:	Semi-displacement
Length overall with aft platform deployed:	27.50m
Length overall with multifunctional platform deployed:	29.50m
LH:	23.95m
Beam:	6.60m
Draft:	1.30m (without propellers)
Classification: ance (Small Vessel in Commercial Use)	EC Certification - Cat .A MGN280 Compli-

Guest Accommodation

Sleeps 10 guests in 5 Cabins: 1 x Owner's suite 2 x VIP with double beds

2 x Twin

Crew Accommodation

4 crew in 2 cabins and ensuite bathroom

Technical Data

Displacement:	95 t h	alf-load				
Cruising speed - economic (half load):	12.5 Knots Maximum					
speed (half load): approx. 900 nm	18.5	Knots	Range	at	11,3	kn:





Tankage			
Fuel Tank Capacity:	11,800l		
Fresh Water Tank Capacity:	1,900l		
Black Water Tank Capacity:	700l		
Grey Water Tank Capacity:	1,200l		
Main Engines			
Engines:	2 x MAN V8 1200 (2 x 882 kW @ 2300rpm)		
Propulsion			
Z Drive propulsion	2 x Reintjes Fortjes 3000		
Generators			
Gensets:	2 x 36kW Fischer Panda PMS45I		

Fire Fighting

Engine Room:Extinguishing agent, Novec Tender Garage:Extinguishing agent, Novec Accommodation:Fire extinguisher devices in all leaving areasAutronica heat and smoke detection system throughout

Main fire pump in engine room (emergency bypass on main bilge pump) (Type: Gianneschi

"ACB 331/B")

Firefighting nozzle and hose (2), placed on main deck closer to aft and fwd mooring Manual and automatic fixed firefighting system in engine room (Type: Novec), manually operated from emergency panel in aft cockpit with additional override panel in wheelhouse Portable powder fire extinguishers located in each room/cabin (10)

Smoke detector system foreseen in living areas and engine room

Alarms and operation by integrated monitoring and automation system

Redundant cavitation free / dynamic sea water intakes fitted with valves and bronze filters (Type: Guidi)

Hydraulics

PTOs on both reduction gearboxes with BCS bow and stern thruster units

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Stabilizers

Gyro Stabilizer Seekeaper 35 Humphree Interceptors and Active Ride Control

Electric Plant

Main switchboard in engine room (integrated monitoring and automation system) Distribution system 230V AC 50Hz powered by the genset or by shore power Distribution system 24V DC

Electric sockets 230V AC in every cabin, galley, main saloon and engine room

Maintenance free gel type service battery bank 24V (Type: HAWKER PZW)

Maintenance free gel type main engines starting battery bank 24V (Type: Mastervolt AGM) Maintenance free gel type genset starting battery 12V (2) (Type: Mastervolt AGM) Maintenance free gel type emergency battery bank 24V (Type: Mastervolt MVG)

Battery cut off and parallel switchboard in engine room

Remote controlled battery cut off

Remote controlled main engine/service battery bank changeover

Remote controlled genset/genset battery bank changeover

Battery charger 12V dedicated to genset battery (Type: Mastervolt)

Battery chargers 24V dedicated to main engine, service and emergency battery (5) (Type: Master-volt)

Inverter (Type: Mastervolt)

Gensets 36kW with soundproof casing (2) (Type: Fischer Panda PMS45I)

Shore power cable storage system $(2 \times 20 \text{ mt})$ (Type: Glendinning Cablemaster) Electric subpanels in every cabin, galley, saloon, wheelhouse, crew area (9) Cathodic protection and sacrificial zinc anodes as needed

Copper stripes grounding system

Underwater lights (14)

Converters

ASEA AC18 + ASEA AC15

Air Conditioning

Tropical air conditioning system with inverter technology chiller units (3) and reverse cycle heat pump (approx 180'000 BTU/h)

Dedicated fancoils in living areas with local control panels

Remote control by integrated monitoring and automation system





Fuel System

Structural fuel tanks (approx 8000 litres) equipped with electric level gauge and high/low level alarms

Daily fuel tank (approx 4000 litres)

Fuel transfer pump automatic and manual

Double fuel pre-filters to main engines (Type: Racor 75/900 MAX) (2) Double fuel pre-filters to gensets (Type Racor 75/500) (2)

Feeding line fitted with quick shut off automatic valves operated from the emergency panel located outside engine room, in the aft cockpit

Fresh Water System

Fresh water tank (approx 1900 litres)

Shore water connection and pressure regulator to protect the onboard system

Shore water filler recessed in the aft deck

Fresh water pump (2) (Type: Gianneschi "2 ECOINOX 4 C.E.") Water heaters (2) (Type: Gianneschi "ORF80")

Hot water circulating pump (Type: Gianneschi "Z25")

Fresh water outlets for washing in tender garage, aft mooring, fwd mooring and upper deck

Alarms, levels and pump operation by integrated monitoring system

Watermaker 180lt/hr Idromar MC3J

Black and Gray Water System

Black water tank (approx 700 litres) with gauge

Gray water tank (approx 1200 litres) with gauge

Gray water pump (emergency bypass on black water pump) (Type: Gianneschi "MV44G") Black water pump (emergency bypass on gray water pump) (Type: Gianneschi "MV44G") Ceramic toilet/ bidet with built in electric macerator and fresh water flush in every sanitary space (Type: Tecma)

Gray and black water tanks washing system with sea water

Marpol discharge outlet for black water

Alarms, levels and automatic discharge operation by integrated monitoring system





Bilge System

Centralized self-priming bilge pump (emergency bypass on fire pump) (Type: Gianneschi "ACB

331/2") with manifold in engine room and suction lines with strainer in living areas (3) and engine room (2)

Bilge alarm in each compartment

Automatic submergible bilge pump in living areas (3) and engine room (2) (Type: Rule 3700) Emergency bilge suction pipe with strainer, in engine room, by means of main engine sea water cooling pump

Alarms and operation by integrated monitoring and automation system

Navigation and Communication

Colour LCD touch screen radar/chart plotter (Type: Raymarine gS165) in wheelhouse (2) and flybridge helm station (1)

Display panels for depth sounder, wind sensor, speed sensor, compass in wheelhouse (4), in flybridge helm station (4), in crew area (2) (Type: Raymarine i70)

Automatic pilot control unit (2) in wheelhouse and flybridge helm station (Type: Simrad AP70) VHF radiophones (3) in wheelhouse, flybridge helm station, crew area (Type: Raymarine RAY260)

GSM antenna GPS antenna VHF antenna

Radar antenna (Type: Raymarine Open array SHD 4kW) Magnetic compass

Double navigation LED lights (Type: Lopolight) according to international regulations

AIS transceiver system

TV SAT antenna (Type: INTELLIAN i9P)

VSAT broadband system (Type: INTELLIAN v80G)

Monitoring system

Colour 15" LCD touch screen display for integrated monitoring system in wheelhouse (2) and crew area (1)

CCTV

CCTV video sequencer (image modulated in owner and captain TV set and in monitoring display) Infrared cameras in engine room (2) Infrared color camera in the aft cockpit

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Galley Appliances

Fridge /Freezer: Hob:	Frigomar Miele		
Hood:	Miele		
Oven:	Miele		
Microwave Oven:	Miele		
Dishwasher:	Miele		
Ice Maker:	Frigomar		
Washing Machine:	Miele		
Dryer:	Miele		
Coffee machine:	Miele		
Garbage disposal:	Insinertor		

Leisure and Community Spaces

Fridges in salon & flybridge and Owner's cabin: on flybridge: Techimpex Jacuzzi on flybridge: Frigomar Ice maker Frigomar Grill on flybridge: TreEsse

Anchor Gear

2 x 105 kg HHP Pool anchors with 120 m chain diameter 13mm 2 x LEWMAR windlasses (electric)

Deck Hardware

Stainless steel deck hardware Aft cleats (2) Aft roller fairleads (2) Aft capstans (2) (Type: LEWMAR C5 2000 W each) Amidships pop up cleats (2) Electric anchor windlasses (2) (Type: LEWMAR V8 2500W each) Stainless steel anchor plates and hawse pipes (2) Sea water chain wash Fwd stainless steel cleats (3) Fwd roller fairleads (2) HHP Pool anchors (2) 105kg with chains (2) 120 m, diameter 13mm

Tenders & Toys

Tender Garage with tender launching system, crane and multifunctional platform integrated in revolving garage door

Tender:

Williams TJ 385





Additional Extras

- Opacmare Transformer (carbon version and teak finishing)
- Sewage treatment system
- High performance package
- Humphree interceptors full optionals
- Watermaker 180 lt/h (full automatic) Idromar MC3J
- Alpha Laval fuel cleaner
- Cabin phones
- SAT Communication ultra-high speed
- Upgrade to provider agnostic systems: Intellian VSAT
- Panasonic Dome Camera
- 4 x Invisible loudspeakers per each cabin
- Sound masking in salon and owner's cabin
- Yachtica completely bespoke domotic system
- Carbon fibre hardtop with sliding soft-top including LED lights
- 2 x Stainless steel removable ice basket with tap
- LED underwater lights
- Thermal night vision camera Raymarine FLIR T300
- Awning (sun cover) in forward areas
- Parquet on salon floor
- LED lights dimmable in upper and lower deck + cockpit
- Trash compactor
- Electric curtains in VIP and guest cabins
- Built to commercial registration (MGN 280)
- Projector on Flybridge
- Bulb Protection Inox
- Anchor Side Protection Inox