

## Boat Profile: "Custom Line 112"



### Boat Specifications

<b>LYING</b> / ATRACADO / LIEGEPLATZ:	Hong Kong
<b>YEAR</b> / AÑO / JAHR:	2007
<b>L.O.A.</b> / ESLORA / L.U.A:	34,00 m /111 ft. 7 in.
<b>BEAM</b> / MANGA / BREITE:	7,08 m/ 23 ft. 3 in
<b>DRAUGHT</b> / CALADO / TIEFGANG:	2 m /6ft. 7in.
<b>DISPLACEMENT</b> / DESPLAZAMEN / WASSER DRAEN:	109ton./240304 lbs
<b>HULL</b> / CASCO / RUMPF:	GRP
<b>TYPE</b> / TIPO / TYP:	Planing
<b>PRICE</b> / PRECIO / PREIS:	€7,500,000
<b>FLAG</b> / BANDERA / FALGGE:	TBC

### Technical Details / Datos Técnicos / Technische Daten

<b>ENGINES</b> / MAQUINAS / MOTOREN:	MTU 12V 4000 M90
<b>TOTAL HP</b> / TOTAL CVS / TOTALE PS:	2775 mHp/ 2040 kW at 2100 rpm
<b>ENGINE HRS</b> / HRS. MAQUINAS / BETRIEBSSTUNDEN:	270
<b>NO. OF CABINS</b> / CAMAROTES / SCHLAFPLATZE:	5 (5 guests, 4 crew)
<b>FUEL CAPACITY</b> / COMBUSTIBLE / TREIBSTOFF KAPACITAT:	18000 lt. / 4756 US gals.
<b>MAX. SPEED</b> / VELOCIDAD / TOP GESCHWINDIGKEIT:	28
<b>WATER CAPACITY</b> / CAPACIDAD AGUA / WASSER KAPACITAT:	3000 lt. / 793 US gals.
<b>SHOWERS/TOILETS</b> / DUCHAS/BAÑOS / DUSCHE/TOILETTEN:	6 guests, 4 crew

## Main deck

### Exterior

- access hatch to chain locker
- Bow staff with bell
- CCTV color camera (3) fitted in the ceiling of the cockpit and sidewalks
- Electro-hydraulic garage for storage of tender (max 2.60 mt.) jet-ski or other items
- Eternal shower with door, fitted in the port support of the deckhouse
- Hydraulic bow thruster 700 kg of thrust with two PTO, one for each gearbox
- 2 capstans in cockpit line lockers (2500W each)
- 10 fenders
- 2 anchor chains, 100 m and 110 m length, 13 mm, with chain marking every 25 m
- 2 electric windlasses (3500 W each)
- 2 hawses with roller and chain stopper
- 2 POOL anchors (160 kg each)
- 3 boat hooks
- 4 stainless steel cleats and 2 fairleads at stern
- 4 stainless steel cleats and 4 fairleads at bow
- 4 waterproof loudspeakers in the cockpit
- 8 spherical fenders
- 18 fender covers
- Port and starboard side doors
- Sofa for 5 people, built in to the fiberglass unit with lockers
- Stair to control room (starboard)
- Stair to fly-bridge (starboard)
- Swimming platform fitted in the garage door and GRP electro hydraulic swim ladder, 180° folding, fitted into the transom
- Table for 8/10 people with 3 wicker chairs
- Watertight electric side doors for the sidewalks (port and starboard)

### Salon

- 1 cordless telephone
- Electric curtains
- Electric sliding doors (aft) in tempered glass and stainless steel frame with electric curtains
- Fully fitted carpet
- Hi-fi system surround 5+1 (+4 in the cockpit) with CD/DVD player and Playtime master system for audio-video distribution
- I-pod Docking Station
- Low corner furniture
- 2 sofas with coffee table in wood and tempered glass
- 1 electric sliding door to the galley
- 1 manual door to the lobby
- perimetrical cabinets with shelves (port and starboard)
- Sat receiver decoder TV SAT common interface
- Side windows with electric curtains
- TV 41" with plasma screen (with electric up/down system fitted in the starboard wall cabinet)

### Dining area

- Central storage cabinet
- Electric curtains
- Entrance from the lobby with manual sliding door and from the galley with electric sliding door
- Fully fitted carpet
- 10 leather chairs
- Oval-shaped glass table for 10 people
- Storage cabinets with doors
- Telephone

## Galley

- Access to crew area (port)
- Cabinet with granite counter top
- Cabinets with drawers and overhead lockers in wood
- CD/DVD player with two loudspeakers
- Ceramic electric five ring hop with pan holder
- Complete set for 12 people
- Dinette table with two small sofa bath in wood
- Dishwasher
- Double-door refrigerator 402 lt. abt.
- Electric oven
- Entrance from the dining area by electric sliding door, from the side walkway (port) by watertight electric door and from the lobby by manual sliding door
- Extractor fan 230V
- Freezer 100 lt abt.
- Fridge 141 lt abt.
- Garbage compactor
- Large storage area
- Microwave oven
- 2 sinks in stainless steel
- Openable window with manual curtain
- Rubbish crusher
- Telephone
- TV LCD 15"
- Wooden and laminated walls
- Wooden floor

## Lobby

- Cabinet with manual curtain
- Fully fitted carpet
- Manual sliding door to the main salon and to the owner cabin (VERSION A) to the dining area (VERSION B) day head in the lobby
- Side watertight door to the side walkway (starboard)
- Stairs to pilothouse and stairs to lower deck lobby leading to owner and guest area

## Day head

- Marble and wooden floor
- Mirror with wood trim
- Vacuum WC
- Washbasin fitted in cabinet with shelves
- Marble counter top
- Window with manual curtain

## Pilot house

- Acoustic alarm
- Alarms panel
- Captain's office area with shelves and drawers
- CCTV Monitor 10.4"
- CD/DVD player with 2 loudspeakers
- Cell interface GSM/voice/Fax
- Chart table
- Clock, barometer, hygrothermometer
- Colour plotter 15" with GPS
- Depth sounder with speed and temperature indicator
- Double electrical control for searchlight

- Electronic controls for engine clutch and throttle
- Electronically adjustable helm-seat
- Fax
- Floor in teak with maple trim and border
- Fresh water level gauge
- Fuel level gauge
- Gearbox oil pressure gauges
- Inter-com for manoeuvring with 3 positions and double station
- Inverter oil temperature gauges
- Joystick bow-thruster control
- Lamp for nautical charts
- Leather sofa with lowering table
- Magnetic compass
- Main engine alarm panel
- Main engine oil pressure gauges
- Main engine start buttons
- Main engine stop buttons
- Main engine water temperature gauges
- Navigational instruments with log and multi
- Naviop control unit with monitor 15"
- Navnet display 1920 BB
- Openable side windows
- Radar Furuno 72 miles
- Receiver NAVTEX 700 B
- Rudder angle indicator
- Simrad automatic pilot
- Spot lights with dimmer (one for night navigation)
- SSB Furuno
- Stairs to fly bridge (aft)
- Stairs to main deck lobby
- Synoptic panel with acoustic and visual alarms for : portholes and watertight doors, bilge pumps, smoke detectors, generators and shore power control management system, air conditioning compressors control panel
- Telephone switchboard
- VHF dual station with flying and crew area repeater
- Windlass control and chain wash
- Windscreen-wipers with washing system

## Flying bridge

- Acoustic alarm
- Barbecue, icemaker and storage
- CD player with 4 watertight loudspeakers
- Chaises-longues (3) with two small tables
- Chart plotter Geonav with display 11"
- Dashboard in fiberglass with electrical opening
- Direct access from the bridge house and the cockpit
- Electro hydraulic davit with 800 kg capacity
- Electronic controls for engine clutch and throttle
- Fibreglass cabinet with sink
- Fibreglass small cabinets
- Flag staff
- Inter-com for manoeuvring
- Jacuzzi tub with cover that transforms to sun pad
- Joystick bow-thruster control
- Main engine acoustic alarm
- Main engine start buttons
- Main engine stop buttons
- Main engine water gauges
- Manual searchlight
- Navigation lights mast
- 1 bench on starboard side (2 seats)

- 1 helm bench (2 seats)
- 2 fridges
- 2 life rafts (for 10 people each)
- 2 life rings with rope and luminous buoy
- Plexiglass and stainless steel front windscreen
- Removable stainless steel railing
- Rev counters
- Rudder angle indicator
- Simrad automatic pilot and navigation instruments with eco-log
- Sliding skylight made of glass and stainless steel for access to bridge
- Sofa for 12 people with sun pad
- Steps to cockpit with handrail
- Sunbathing mattresses
- Table for 9 people
- TV antenna on the roll-bar
- TV SAT antenna Navisystem 65 NT on the roll-bar
- VHF dual station

## Owner and guests area

### Master cabin

- 2 bedside cabinets
- Chest of drawers wardrobes
- Decoder TV SAT common interface
- Double bed with mattress, pillows and bedspread
- Drawers (4) underneath the bed
- Fully fitted carpet
- Hi-Fi system with CD/DVD player, 2 loudspeakers + subwoofer and Playtime slave unit for audio-video distribution
- Hi-Fi wall unit (port)
- i-pod Docking Station
- Safety deposit box
- Sofa at starboard (2 seats)
- Telephone (2)
- TV LCD 32"
- Vanity unit with mirror and pouf
- Ventilation under the bed
- Walk-in wardrobe
- Walls covered with leather and mirrors
- Windows with electric curtains

### Master bathroom

- Floor in marble and wood
- Lockers and shelves
- Mirrors
- 2 washbasins with marble counter top
- Vacuum WC and bidet separated by sliding glass door from the bathroom
- Whirlpool bath
- Window with manual curtain
- Master bathroom – VERSION B
- Corner whirlpool bath
- Floor in marble and wood
- Lockers and shelves
- Mirrors
- 2 washbasins with marble counter top
- Porthole (starboard) with manual curtain
- Vacuum WC and bidet separated by sliding glass door from the bathroom

## VIP cabin

- 2 bedside cabinets
- Double bed with mattress, pillows and bedspread
- Drawers (2) underneath the bed
- Fully fitted carpet
- Hi-Fi system with CD/DVD player, 2 loudspeakers and Playtime slave unit for audio-video distribution
- Mirrors
- Porthole with manual curtain
- Safety deposit box
- Telephone
- TV LCD 23"
- Vanity unit with mirror and pouf
- Ventilation under the bed
- Wardrobe

## VIP bathroom

- Floor in marble and wood
- Lockers and shelves
- Mirrors
- Porthole with manual curtain
- Shower cubicle with plexiglass door
- Vacuum WC and bidet
- Washbasin with marble counter top

## Guest cabins

- CD/DVD player with loudspeakers
- Fully fitted carpet
- Mirrors
- 2 beds with mattresses, pillows and bedspreads
- 2 bedsidess cabinets
- 2 drawers underneath each bed
- Porthole with manual curtain
- Telephone
- TV LCD 17"
- Ventilation under the bed
- Wardrobe

## Guest bathrooms

- Floor in marble and wood
- Lockers and shelves
- Mirrors
- Porthole with manual curtain
- Vacuum WC and bidet
- Washbasin with marble counter top
- Lobby
- Cabinet with mirror and side lockers

## Crew Area

### Dinette

- Cabinets
- Cabinets and overhead lockers
- CD/DVD player with loudspeakers
- Dinette table with sofa
- Freezer 315 lt abt.
- Fridge 398 lt abt
- Fully fitted carpet
- Laundry area with washer and dryer
- Microwave oven
- Simrad multy IS 15 repeater
- Storage area
- Telephone cordless
- TV LCD 15"
- VHF dual station
- Washbasin cabinet

### Captain cabin

- CD/DVD player with loudspeakers
- Cabinet and lockers
- Fully fitted carpet
- Large bed with mattress, pillows and bedspread
- Mirror
- Porthole with manual curtain
- Reading light for the bed
- Safety deposit box
- Shelf
- Telephone
- TV LCD 15"

### Captain bathroom

- Floor in wood
- Lockers and shelves
- Mirror
- Porthole with manual curtain
- Separate shower
- Vacuum WC
- Washbasin

### Crew cabins

- Bunk-beds with mattresses, pillows and bedspreads
- CD player with loudspeakers
- Fully fitted carpet
- Mirror
- Porthole with manual curtain
- Reading lights for the bed
- Telephone
- Wardrobe

## Crew bathrooms

- Floor in wood
- Lockers and shelves
- Mirror
- Porthole with manual curtain
- Separate shower
- Vacuum WC
- Washbasin

## Insulation

- Bulkheads crew area-cabins with thermo/acoustic bicomponent insulation
- Engine room with acoustic insulation panels and external finishing in multi-layers steel sheet

## Garage

- Black water tank
- Electro-hydraulic door with internal side in teak
- Emergency rudder wheel with angel indicator and intercom for manoeuvring
- Flaps junction box
- Fresh water outlet
- Fuel day tank
- Manual bilge/anti-fire pump
- 1 air extractor with timer
- 1 Glendinning electric shore power cable with remote control
- 1 smoke detector
- Removable platforms
- Shelves
- Shower hot/cold water
- Steering control box
- Stern door and swim ladder junction box
- Tender cradle with launching rails
- Tender housing max 4.80m

## Engine room

- Access door from systems compartment
- Air conditioning control panel
- Battery group for electric generators start-up
- Battery group for generators
- Battery group for main engines start-up
- Battery group for MTU electronic
- Bow thruster oil tank
- CCTV camera Day/Night(2)
- Chillers group for air conditioning compressors
- Complete fitting of sound proof panels
- Dynamic air intakes with remote controlled emergency shut down
- Electric panel 24V
- Fresh water double autoclave
- Fuel level synoptic panel
- Gearboxes with trolling valve
- Ladder for emergency exit in stainless steel and teak
- LOP engine control panels
- MUNTERS air intake filters
- Neon lights
- 1 water maker (180 lt/h)
- 1 bilge pump
- 1 black water pump
- 1 fire pump
- 1 generators exhaust fan

- 1 grey water pump
- 1 hot water circulation pump
- 2 exhaust fan
- 2 fuel transfer pump: 24V, 380V
- 2 water heater (180lt capacity)
- Portable lamp
- RACOR filters for electric generators
- Rail for generator replacement
- Railing around engines
- Removable bottom panels
- SEPAR filters for main engines
- Service battery group
- Smoke detector
- Washbasin

## Systems Compartment

- Battery charger
- CCTV camera Day/Night
- General alarm repeater
- Main electric panel 380V
- 1 portable fire extinguisher 5kg Co2
- 1 smoke detector
- 1 telephone
- Removable bottom panels
- Watertight door to garage
- Work bench with vise, drawers and tool set

## Equipments

- Anti rolling gyro Mitsubishi (4ARG-MSM4000)
- Electro hydraulic flaps system with double command switches from bridge and flying bridge

## Fire extinguishing

- CO2 system for engine room and garage composed of bottles group located in the garage feeding n. 4 nozzles in engine room and n.4 nozzles in garage; dual command discharging system, one on the electric panel with a warning light and siren, one for emergency use on the cylinder.
- Fire system feed by sea water with centrifugal fire pump located in the engine room, manifold pipe of CU-NI with two fire hoses on main deck, one aft and one fore.
- 15 portable fire extinguishers located in each room/cabin.
- Quick air intake shut-off with remote control.
- Quick fuel shut-off valve with remote control.
- Smoke detector system with central alarm in bridge and sensors in all cabins, galley, dining area, salon, TV room, bridge, garage, engine room and aft locker

## Air Conditioning

- Air conditioning system 188,000 BTU/h with 3 compressors, water circulation distribution and independent air-handlers throughout.

## Fresh water system

- Distribution system with two autoclave
- Fresh water tank 3000 lt.
- 2 water heater (180 lt. Each)
- Pump for continuous circulation of hot water

## Black and grey water system

- Discharge outlet Marpol for black water
- 2 automatic electric vacuum pumps for black and grey water
- 2 electric pumps for black and grey water tank discharge
- W.C. vacuum system with fresh water flush connected to the vacuum line discharging in the black water tank
- Washbasins, showers and bidets discharging in intermediate tank and then by vacuum line, in the main grey water tank

## Bilge pump system

- Bilge alarm in each compartment
- Immersed automatic bilge pump for each watertight compartment
- 1 electric pump complete of filter for chain washing and fire fighting, available for stand-by bilge pump
- 1 electric pump complete of filter of suction of the bilge in each watertight compartment, available for stand-by fire pump
- 2 high capacity drainage systems in engine room

## Fuel system

- 3 main structural tanks in GRP (15,500 lt approx)
- 2 day tank (2500 lt)
- Stainless steel pipes

## Electric system

- 220V 50Hz single-phase for single phase drive circuits and lights
- 380V 50Hz three-phase for power take-off circuits
- Battery group for emergency 240Ah 24V with battery disconnecting switch
- Battery group for generators starting 140Ah 12V with battery disconnecting switch
- Battery group for main engines starting 460 Ah 24V with battery disconnecting switch
- Battery group MTU electronic 140Ah 24V with battery disconnecting switch
- Battery group SSB 140Ah 24V with battery disconnecting switch
- Distribution 24V DC from emergency and navigation lights
- Grounding with shore power cable 100A 380V 3 poles + ground (20 mt)
- Ground system realized in copper strip
- Main electric control panel 380/220V 50Hz
- Main electric panel divided in 2 sections (A and B)
- 2 groups of 55kW 380V 50Hz each complete of sound-proof shield
- 2 battery charger 35A 12V for generators
- 2 battery charger 24A 24V for emergency and SSB
- 2 battery charger 75A 24V for service and engine
- Service battery group 490Ah 24V with battery disconnecting switch
- Shore socket for TV/telephone
- Transformer shore power supply 100A
- TV SAT system
- Modulator
- Multiswitch
- Navisystem 65 NT
- 2 decoder common interface

## CCTV system

- CCTV image modulated in TV set
- Cycling switch and monitor 10.4" in the bridge

- External cameras (3) in the cockpit and sidewalks
- Internal cameras (3) Day/Night in engine room and systems compartment

### **Telephone switchboard system**

- 12 internal telephones, 2 cordless, 1 fax (VERSION B)
- 14 internal telephones, 2 cordless, 1 fax (VERSION A)
- 6 input lines fixed up for SATCOM
- Shore line, GSM voice line, GSM fax line
- Telephone switchboard Panasonic for internal switching

### **PC connecting system**

- Router and modem MTS/GPRS
- Routing and distribution connection system LAN/WIFI

### **Electronics**

- Radar
- Furuno Black box 12kW with color monitor LCD 15" and 4ft. antenna

### **Navigation**

- Chart plotter Geonav Multy with color monitor LCD 15" and 2 GPS antennae
- Chart plotter Genoav with colour display LCD 11"
- Depth sounder Furuno, Ecobox with colour monitor LCD 15"
- NAVNET DISPLAY GD 1920 3B

### **Eco Speed Wind**

- SIVRAD is 15 system with speed and eco in bridge and speed, eco on fly bridge and repeater in crew dinette

### **VHF**

- VHF SIVRAD DSC/D with double station on the fly
- VHF SIVRAD DSC/D with double station in crew dinette

### **Autopilot**

- SIVRAD AP 50 IMO with command station in bridge and fly bridge

### **SSB**

- FURUNO NX-700 B IMO

### **Navtex**

- FURUNO NX-700 B IMO
- Interface GSM TELULAR SX5D phone/fax with antenna

## Safety equipment

- 2 VHF portable GMDSS
- EPIRB ACR GLOBAL FIX
- 2 life-rings with light buoy
- 2 self inflating life-rafts for 10 people each
- 20 adults life jackets
- SART Transponder ACR PATH FINDER 3

## R.I.Na. Certificates

- Certificate MCA LY2 short range (upon request)
- Class Certificate with certificate plate
- International Tonnage Certificate (according to flag administration)

## Photo Gallery



Corridor



Crew Area



Crew Area



Dining Room



**Salon**



**VIP Cabin**



**Master Cabin**



**Guest Cabin**



**Pilot House**



**Lower Cabin Lobby**



**Pilothouse**



**Engine Room**



**Engine Room**



**Engine Room**



**Garage**



**Engine Room**