



Ocean Alexander 120'

by Ocean Alexander, Christensen Shipyards, Evan K. Marshall/Usonia V

Over more than three decades of business, Ocean Alexander Marine Corporate has built up a strong reputation and made a name for itself in the international luxury yacht sector. The company was set up in Asia and has always been run by the same family dynasty ever since it was founded. Today, Ocean Alexander has its corporate offices in Kaohsiung in Taiwan, while its manufacturing and building facilities with factory bays are located in both Taiwan and in China, and are in fact among the largest facilities to be found in Asia. The company has grown solidly and remains focused on completing its expansion plan. This is based on taking its products to a wider clientele, and by further strengthening its presence in the US, while expanding its international sales networks with new dealerships in Europe, Asia and Australia. As well as expanding its business presence on the global market, Ocean Alexander is also bolstering its corporate growth policy by increasing its manufacturing staff in order to meet the rise in demand. A clear sign of the Asian yard's aggressive expansion strategy was its entry onto the European market, as it made its debut at the 2009 Cannes International Boat and Yacht Show, where it presented its latest luxury motor yachts. The product development plans announced by the yard involve expanding the current range of yachts, and introducing several new models of yachts and mega yachts. ➤





On these pages, the night time renders show the external decks: above, the spacious sundeck with a 360° panoramic view; below, the relaxation area on the bridge deck in front of the wheelhouse.

Ocean Alexander's range currently consists of various series of semi custom yachts: the Trawler Yacht Series, comprising two models measuring under 100 feet; the Pilothouse Yacht Series, comprising two models measuring under 100 feet; and the Motor Yacht Series, comprising five models measuring under 100 feet and two models measuring over 100 feet, namely the 102' Motor Yacht and the 102' Cockpit Motor Yacht. These have now been joined by the new Mega Yacht Series, which consists of three models all measuring over a hundred feet; the 36.5 metre 120' Mega Yacht; the 41 metre 135' Mega Yacht; the 47 metre 155' Mega Yacht.

This impressive new series was announced by the yard at the 2008 Fort Lauderdale International Boat Show, and is the result of a partnership set up between Ocean Alexander and Christensen Shipyards, the famous American shipyard that specialises in prestigious luxury yachts.

This strategic alliance between the two yards was brought about by John Chueh, President of Ocean Alexander, and Joe Foggia, President and Managing Director of Christensen Shipyards. The solid partnership is based on strong technical and organisational cooperation in order to give a mutual boost to the competitiveness of both firms. Together, they have vast potential to create and exploit numerous



Above, the immense surface of the bridge aft deck: a characteristic hard to find on other yachts of this size; below, the vast main aft deck where guests are welcomed on board.

opportunities in a constantly changing global market. The strong points of this joint venture include the combination of the yards' respective technical manufacturing skills, ensuring the best possible quality across the entire construction process in accordance with the highest standards, and using highly specialised labour. This offers their discerning clientele the utmost satisfaction in terms of safety, as well as ensuring that the value of their investment will remain high over time.

The arrangement also means that, combined, the two companies' ranges complement each other for a wide choice of yachts: Ocean Alexander's models start from 55 feet and go all the way up to 155 feet, while Christensen Shipyards specialises in yachts measuring between 164 and 225 feet. In particular, the strategic partnership allows specifically for a new Ocean Alexander series of tri deck motor yachts: the Mega Yacht Series.

This is a new series of semi custom motor yachts featuring clean, contemporary lines in tune with current international trends, all with the high quality construction and finish that is typical of Ocean Alexander. The first model to be built will be the Ocean Alexander 120': work on the first unit kicked off at the beginning of this year, and is expected to be completed by the end of 2011. ➤





The wheelhouse boasts an innovative internal layout: the "helm console" is on a raised level and the "observation lounge" below has a large couch facing the forward window.

The main dimensional and technical data

With its specially designed naval architecture and engineering, Ocean Alexander 120' is being built using FRP Vacuum Infused Composite as the main construction material for both the hull and the superstructure. Both will be finished in white Awl-Grip paintwork. The yacht is ABS Maltese Cross A1 Yachting Service compliant and is also compliant with the AMS regulations and those of the Maritime and Coastguard Agency (MCA), Unlimited Cruising. As for her size, the length overall of Ocean Alexander 120' is precisely 121'2" (37 metres), with a length at waterline of 102 feet 10 inches (31.3 metres), and a maximum beam of 25 feet 2 inches (7.65 metres). When fully loaded, the hull's maximum draught is 6 feet 6 inches (2 metres). Ocean Alexander 120' is estimated to have a gross tonnage of less than 300 GT (ITC); moreover, when fully loaded her maximum displacement is 420 lbs (190.5 tons).

The hull is fitted with an American Bow Thruster Arcturus Digital Stabilizer System with "TRAC Star" stabilization at rest, with electro-hydraulically operated twin fin stabilizers in a lateral configuration. The hull is also equipped with two manoeuvring propellers also by American Bow Thruster: one 60-hp hydraulic bowthruster, model TRAC 16 Dual Prop, with a propeller diameter of 16 inches; and a 50-hp hydraulic sternthruster, model TRAC 16 Dual Prop, whose propeller diameter is also 16 inches. Ocean Alexander 120' s engine room is to be fitted with two 12V MTU 2000 series M72 rated engines; each engine displaces a total of 1635 cubic inches (26.8 litres) and has a maximum output of 1080 bkW (1448 bhp) supplied at 2250 rpm. Combined with the two ZF 3050A reduction reverse gearboxes, the engines are connected via stainless steel gear axles to twin five-blade fixed-pitch propulsion propellers by Veem, made in NiBrAl alloy (nickel, bronze and aluminium). ➤





The internal decks of the yacht also have spatial characteristics normally reserved for considerably larger craft and not generally found on yachts of this size.

As for her performance, the yacht will be able to reach and maintain a top cruising speed of 16.5 knots; her estimated range at the economy cruising speed is not currently available. Down in the hold, the yacht's fuel tanks have a capacity of 6000 US gallons (22,712 litres), while her freshwater tanks can hold 1200 US gallons (4543 litres). The latter are topped up by an FCI system with two watermakers, Max-Q MIZZ65 model, each of which can produce 1200 US gallons per day. Furthermore, the grey water tanks can hold 400 US gallons (over 1510 litres), while the black water tanks can hold 350 US gallons (more than 1320 litres). Ocean Alexander 120' is to be installed with three 60-Hz triphase generator sets based on Kohler Marine Power diesel engines. Both are four-cylinder inline engines, 65EOZD model, with a total displacement of 275 cubic inches (4.5 litres), producing 65 kW / 81.3 kVA at 1800 rpm. Ocean Alexander 120' s outfittings comprise two Maxwell VC-3500 stern capstans, and two windlasses also by Maxwell (9VWC-6000 model), each with a load capacity of 6000 pounds (more than 2710 kg). The yacht's equipment also includes: a hydraulic gangplank that can be extended to up to 12 feet (more than 3.6 metres); a hydraulic deck crane with an operating range of 16 feet (more than 4.8 metres) and a load capacity of 3500 lbs (more than 1580 kg); a hydraulically powered system for

deploying and retrieving, and in the stern garage the main tender, by Nautica, RIB 16 JET model, measuring 15 ft 5" in length (4.7 m) with hydrojet propulsion from a 175-hp inboard engine. A service tender or a waverunner can also be accommodated outside on the aft sun deck, if the Owner wishes.

The concept and the features, the exterior design and the interior design

According to the information we have received, this first ever Ocean Alexander 120' is currently under construction at the Christensen Shipyards facilities in Vancouver in Washington State, US. As with all of the models in the new semi custom yacht series from Ocean Alexander, namely the tri-deck Mega Yacht Series, both the exterior and interior design of the first Ocean Alexander 120' were developed by the ever-creative designer Evan K. Marshall of British firm Evan K. Marshall / Usonia V, based in London. The vessel's exterior styling is bold with clean lines, forming a harmonious whole from hull to superstructure, which blend together for a modern look. The considerable overhangs of the decks towards the stern, and the wide expanses of windows running along the topsides and the bridge deck give the new yacht a streamlined, dynamic look, despite the use of solid masses. ➤

The exclusive decor of the yacht's refined interiors has been conceived in an elegant classic style interpreted in a contemporary key, to create a warm and sophisticated atmosphere.





Everywhere, from the main salon to the skylounge and from the master stateroom to the guest staterooms, the walls are clad in dark woods that contrast with the light-coloured carpeting on the floors.

The careful design of the shape and size of the ample volumes has resulted in a successful result thanks to intelligent, rational planning, which has produced characteristics not often found on a yacht of this size. Such spatial and functional features are generally out of the question on a yacht of these dimensions, and are more commonly found on much larger yachts (which, needless to say, would come with greater initial outlay and running costs).

This makes the new Ocean Alexander 120' a worthwhile long-term investment for owners, and also offers an advantageous, lucrative solution for charter use. The spacious interior layout of Ocean Alexander 120' means that up to ten passengers can be accommodated in four vast guest staterooms, not to mention a sumptuous master stateroom for the owners. The yacht can also sleep up to seven or eight crew members in three large crew cabins plus a comfortable captain's cabin.

There are plenty of interesting details on board this yacht: outside we find the vast surfaces of the bridge aft deck and the sun deck, the latter with unspoilt 360° panoramic views. Inside there is the generously-sized full beam master stateroom on the main deck, complete with an equally spacious full beam owner's double bathroom; in addition to this there is the captain's cabin on the bridge deck, directly adjacent to the wheelhouse – something not often found on a 120-footer. Among the other remarkable characteristics on board Ocean Alexander 120' is the large amount of service areas and capacious storage rooms, as well as the stern garage, which can hold a tender of up to 16 feet (nearly 4.9 metres). Above all, it is interesting to note that the new Ocean Alexander 120' boasts a design first in the wheelhouse – something set to become a distinguishing feature for all future models in the Mega Yacht Series. ➤

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In the luxurious interiors the fixed furnishings are made of light and dark woods; fabrics and textiles will be prevalently in block colours ranging from cream to beige.

More specifically, the wheelhouse has been designed with an unusual, innovative internal layout with an “observation lounge” opposite the forward window, and a long sofa placed in front of the helm console, which is on a raised level. This means that the relaxation area and the technical area are located side by side without visually interfering with each other, thus allowing guests to enjoy an unbroken panorama, while offering pilots an all-round, uninterrupted view of the surroundings. Last but not least, a few remarks on the interior design for the first unit of the Ocean Alexander 120’.

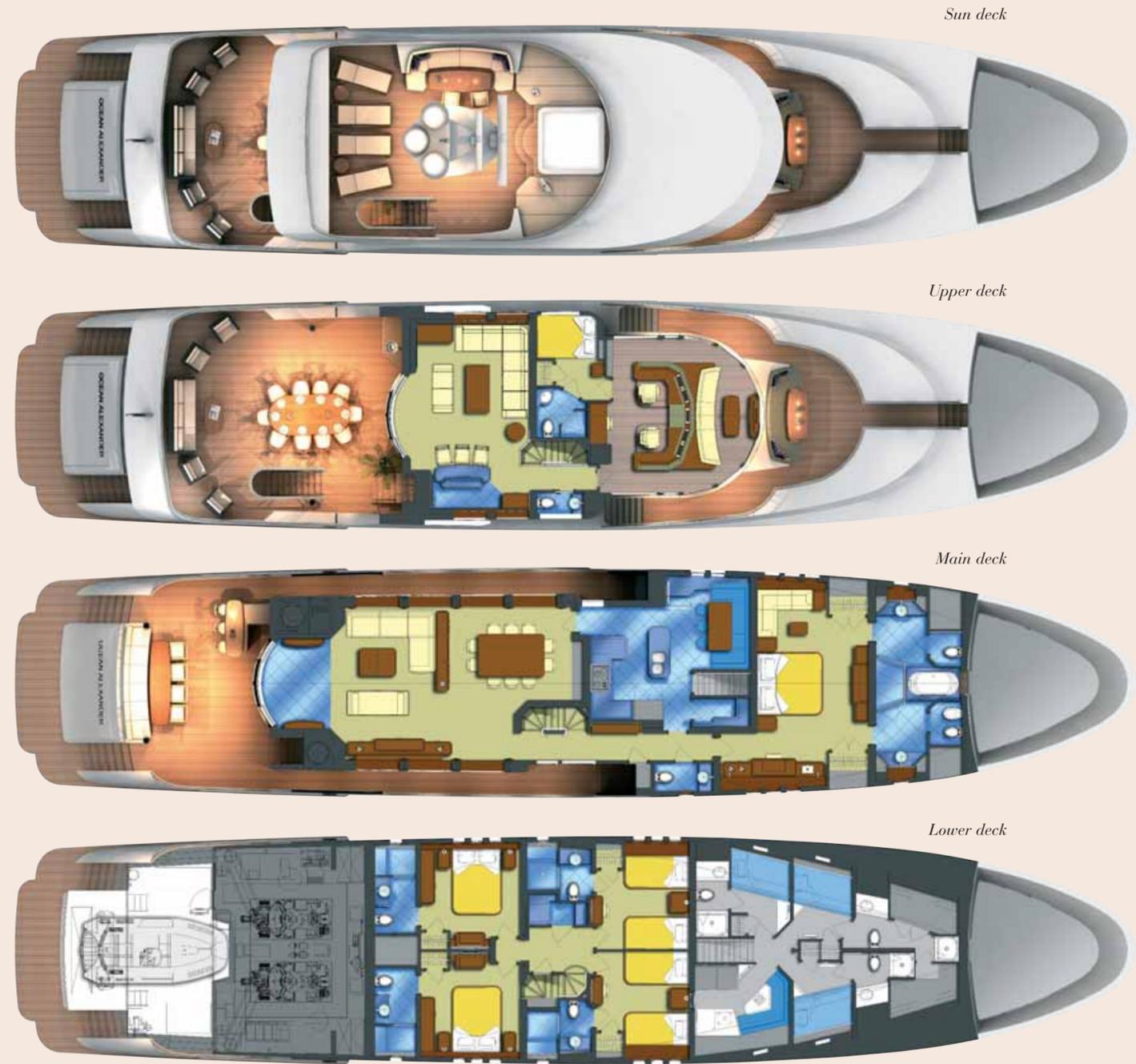
The style is elegant, modern-classic, and interpreted in a contemporary key to create a warm, sophisticated atmosphere. Throughout the interiors, from the main salon to the skylounge and in all of the staterooms, dark wood has been used for the walls, contrasting with the pale carpeting; the fixed furnishings are also in light and dark wood, coordinated with fabrics in cream and beige.

Jacob Herzog



Ocean Alexander 120’

The innovative and unusual internal concept of the wheelhouse; in addition, the captain’s cabin is located on the bridge deck, a truly unusual idea in a 120-footer.



*Two studio renders for the new yacht:
on the left, the radar mast without a hard top; on the right,
the radar mast with a hard top by way of protection for
the lounge area in the central part of the sundeck.*

Ocean Alexander 120'



TECHNICAL SPECIFICATIONS	
Construction	Infused Composite
LOA	121' 2" / 37 m
Design Waterline (DWL)	102' 10" / 31.3 m
Beam (molded)	25' 2" / 7.65 m
Design Draft (full load)	6' 2" / 2 m
Displacement (half load)	397,000 lbs
Fuel Capacity	6,000 gals / 22,712 lt
Fresh Water Capacity	1,200 gal / 4,543 lt
Black Water Capacity	350 gal / 1,325 lt
Gray Water Holding Capacity	400 gal / 1,514 lt
Used Lube Oil Capacity	80 gal / 303 lt
New Lube Oil Capacity	100 gal / 379 lt
Minimum Headroom	6' 9" / 2 m
Max Cruise Speed	16.5 knots
Engines	2 MTU 12V 2000 M72, 1450 bhp @ 2250 rpm
Gearbox	ZF, model 3050A
Propellers	Two 5-blade NiBrAl propellers, "Veem" or equal CNC Machined
Generators	2 Kohler 65 EOZD model 65 kW at 1800 rpm, 120/208 volt, 3 Phase, 60 Hz
Bow thruster	American bow thruster, model TRAC 16" dual prop thruster, 60 hp, hydraulic
Stern thruster	American bow thruster, model TRAC 16" dual prop thruster, 50 hp, hydraulic
Stabilizers	ABT / Arcturus digital Stabilizers System, with "TRACstar" stabilization at rest
Stern Capstans	2 Maxwell model VWC-600
Number of Owner / Guest	10 guests in 5 staterooms
Number of Crew	7 – 8 crew in 4 cabins
Classification	ABS ✕ A1Yachting Service – AMS & MCA
Exterior and Interior Designer	Evan K. Marshall / Usonia V
Builder	Ocean Alexander / Christensen Shipyards