

# Ocean Alexander 28R Motoryacht (2020-)

## Brief Summary

The 28R Motoryacht (formerly the 90R) has styling reminiscent of current “explorer” or “expedition” yachts with a plumb bow and a robust profile. The boat is available with a standard flybridge or the optional enclosed skylounge. Either way, the upper deck has a wet bar and grill, plus plenty of seating for entertaining. A forward bow lounging area is sure to be a popular spot for guests. In keeping with current design trends, the aft cockpit, salon, formal dining area, and master stateroom are on the same level.

## Price

**Base Price**\$8250000.00

*Prices, features, designs, and equipment are subject to change. Please see your local dealer or visit the builder's website for the latest information available on this boat model.*

## Key Features

- **Master stateroom** on main deck has a king-sized berth, luxurious head, and walk-in closet.
- **Optional skylounge** offers outstanding views, a wet bar, a grill, a day head, and the boat’s helm.
- **Beach deck** area is open and spacious for playing at water level and has a small indoor area with a wet bar, refrigerator, and icemaker
- Ocean Alexander Vessel Support. Owner orientation prior to delivery and 24/7 on-call customer support.
- Extensive standard features list includes bow and stern thrusters, aft docking winches, dual hydraulic windlasses.

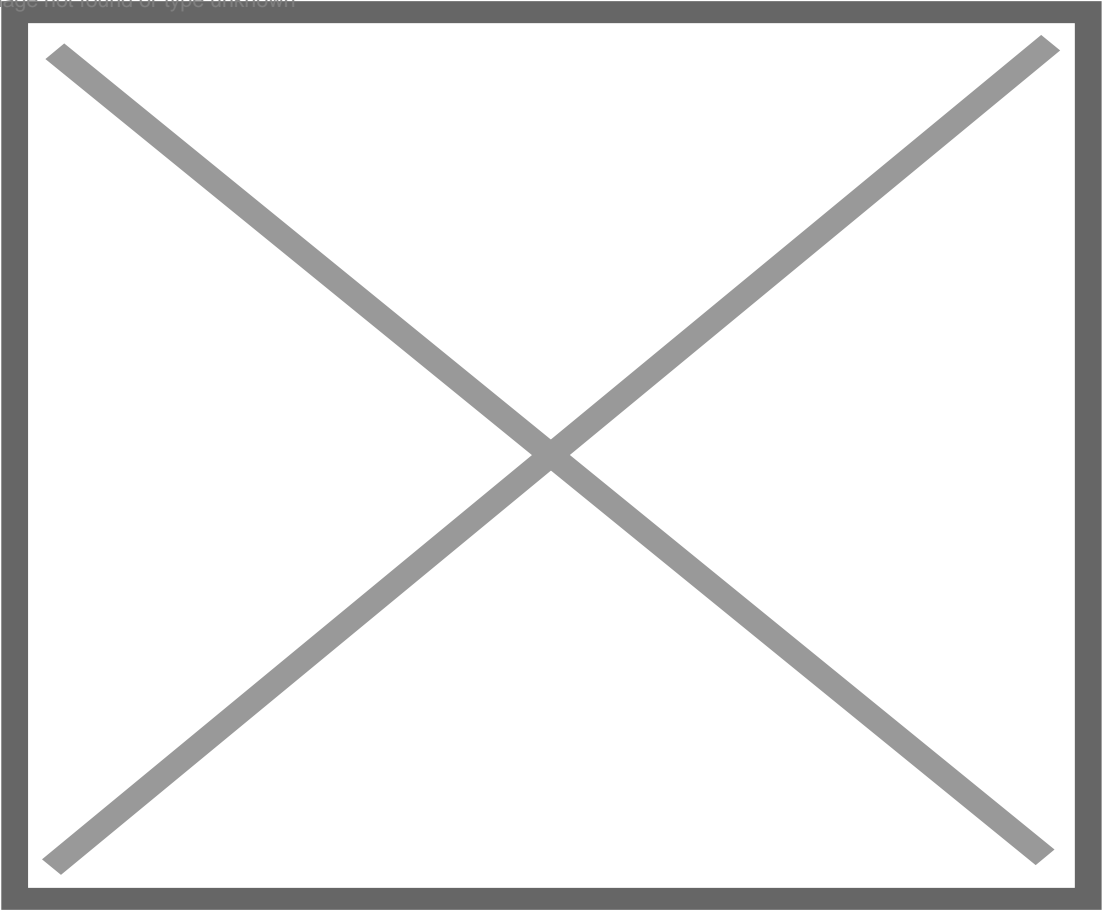
## Test Results

RPM	MPH	Knots	GPH	MPG	NMPG	STAT. MILE	NM	dBa
600	7.3	6.3	4	1.8	1.6	4894	4255.4	67
1000	10.6	9.2	18	0.6	0.5	1590	1382.6	67
1250	12.6	10.9	32	0.4	0.3	1059	920.8	68

RPM	MPH	Knots	GPH	MPG	NMPG	STAT. MILE	NM	dBa
1500	15.1	13.1	57	0.3	0.2	713	619.9	69
1750	15.9	13.8	85	0.2	0.2	505	439.2	68
2000	18.6	16.2	119	0.2	0.1	422	367	68
2200	22	19.1	153.5	0.1	0.1	386	335.7	69
2400	25.5	22.1	183	0.1	0.1	375	326.5	68
2450	25.6	22.2	192	0.1	0.1	359	312.4	68

[View the test results in metric units](#)

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# Specifications

Length Overall	90' 2"   27.48 m
BEAM	22' 5"   6.83 m
Dry Weight	206,800 lbs.   93,802 kg
Tested Weight	228,475 lbs.   103,635 kg
Draft	
Draft Up	5' 10.5"   1.79 m
Draft Down	5' 8"   1.73 m
Air Draft	
Deadrise/Transom	
Max Headroom	
Bridge Clearance	
Weight Capacity	
Person Capacity	
Fuel Capacity	3,000 gal.   11,356 L
Water Capacity	450 gal.   1,704 L
Length on Trailer	

Height on Trailer	
Trailer Weight	
Total Weight	228,475 lbs.   103,635 kg
Aft Deck	
Salon Inside Width	
Salon Fore & Aft	
Salon Height	
Salon Volume	
Galley Volume	
Master SR Width	
Master SR fore & Aft	
Master SR Overhead	
Master SR Volume	
Eng. Room Volume	

# Acceleration Times & Conditions

Time to Plane	N/A
0 to 20	

Ratio	N/A
Props	50x42x4
Load	5 persons, full fuel, 3/4 water, 50 lbs. of gear
Climate	98 deg., 80 humid; wind: 10-15 mph

# Contents of Report

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## Ocean Alexander 28R

The Ocean Alexander 28R Motoryacht has an LOA of 88’2" (26.87 m) and a maximum beam of 22’5” (6.83 m).

# Mission Statement

The 28R Motoryacht is the first model in the Revolution series and Ocean Alexander designed the yacht to be a stylish, modern departure from the manufacturer’s more traditional models. The 28R Motoryacht has aggressive styling and modern design and is intended for wealthy owners who plan both a lot of entertaining in all seasons and who want to make serious passages.

Ocean Alexander 90R Motoryacht layout

Whether passengers want to be outdoors or inside, the 28R Motoryacht's flybridge can accommodate everyone's needs.

## Features Inspection

**The Skylounge.** Accessible from a wider than normal staircase in the aft cockpit or from another set forward in the salon, the 28R Motoryacht's upper deck is laid out to entertain a crowd. Aft, the outdoor section has two lounges that wrap around tables at the stern. A full wet bar with four stools, a grill, sink, and refrigerator are forward to port. Triple-wide stainless-steel framed glass doors slide open to bring the outside in. The upper salon has a full lounge and glass cocktail table to port and another bar with stools to starboard. Just ahead is a large flatscreen TV.

Ocean Alexander 90R

Stairs to starboard lead up to the aft section of the 28R Motoryacht's inviting flybridge.

Ocean Alexander 90R

The sliding doors open extra wide to give an open feel to the upper deck's entertaining areas.

Ocean Alexander 90R

Inside, the skylounge has seating for at least 10 people to port and a bar with fixed stools to starboard. Notice the inset lighting in the overhead.

## The Helm

Forward, the helm station has twin captains' chairs with folding armrests. Ocean Alexander includes its Navigation Package that includes three 24" (60.96 cm) Garmin MFD screens, an 8600 series black box, a Garmin GRID remote input on the helm chair armrest, 25 kW open array radar, a GHC20 autopilot, VHF radio, AIS, and a marine camera that provides views of the engine room and aft deck. The package also includes DirecTV receivers, a Ritchie 5" (12.7 cm) compass, and an iPad with built-in Garmin pp for controlling many on board systems. The N2KVIEW Safety & Security monitoring package includes automatic monitoring and alerts for the main engines and generators, air conditioning, batteries, bulkhead doors, fuel, water, and gray-water tank levels, fire-system health, bilge level, and exterior door sensors. Steering is hydraulic and the boat comes standard with a 55-hp bow thruster and 40-hp stern thruster.

Ocean Alexander 90R

The helm features three Garmin 24" (60.96 cm) screens that show course heading as well as engine health and tank levels.

**The Bow.** Side passageways with tall bulwarks make it easy to move forward to the 28R Motoryacht's bow lounge area, which has a forward-facing lounge area around a table aft. Forward, there's a lounge area that has enough space for at least two adults to stretch out and soak up the rays. On the 28R's foredeck, there are twin hydraulic windlasses, dual stainless-steel 240-lb. (108.9 kg) anchors and 250' (76 m) of ½" (1.27 cm) chain. A feature unique to Ocean Alexander is the hands-free chain washing system that cleans the rode during operation.

#### **Ocean Alexander 90R**

The bow seating area has space for guests to enjoy lunch at the table or stretch out and soak up the rays on the forward lounge.

**The Beach Club.** Heading aft, the 28R Motoryacht has a hydraulic swim platform that lowers into the water to facilitate tender loading. Forward, the Beach Club is air-conditioned and has an L-shaped settee to port with a table and to starboard is a cabinet with a wet bar, refrigerator, and icemaker. The area opens and closes with stainless-steel framed sliding glass doors.

#### **Ocean Alexander 90R**

The swim platform is finished in teak, part of an optional package that also includes the main deck, flybridge, and steps from the platform to the aft deck and from the aft deck to the flybridge.

#### **Ocean Alexander 90R**

The sliding glass doors have an inflated gasket to ensure that water stays out and to meet Sea State V structural requirements.

#### **Ocean Alexander 90R**

With the sink, refrigerator, and icemaker, the Beach Club could be a great spot for a couple to sneak away for some quiet time.

## **The Main Deck**

#### **Ocean Alexander 90R Motoryacht**

From the cockpit to the master stateroom, everything is on the same level for the ultimate in ease of passage.

**The Cockpit.** Stairs on each side lead up from the swim platform to the cockpit and the passageways close off with glass gates framed in aluminum. Across the stern is a sofa-style lounge with twin tables just ahead. The tables can be filled to create a continuous larger unit and folding deck chairs can be positioned for outdoor dining for eight. Forward to port is a cabinet with a 24" (60.96 cm) Electri-Chef grill custom made for the boat, and a flatscreen TV just above.

## Ocean Alexander 90R

In this photo, the cockpit has a wide-open feel with space for four or five people to sit and watch the game. Fill in the table and set up the folding deck chairs to create a protected dining area for eight.

**The Salon.** Extra-wide power sliding glass doors are framed in stainless steel and they open with the push of a button. Aft, the salon has an L-shaped sofa to port with a smaller one to starboard, both of which are designed by Evan Marshall for the 28R Motoryacht. Forward, a cabinet with a stone countertop contains the plates and silverware and creates an appropriate divider between the salon and formal dining area. To starboard, the full wet bar also has a stone countertop and outboard on each side are sliding doors with stainless-steel frames. Enlarged salon windows incorporate aluminum beams in the framework to create expansive views and overhead treatment includes integrated lighting. Lower the large flatscreen TV from the overhead to help separate the salon from the dining area. Forward to port, there's seating for eight at the dining table.

## Ocean Alexander 90R

Notice the full-height windows that help give the salon an even more spacious feel.

## Ocean Alexander 90R

This view forward shows the intelligently designed layout that makes it easy to pass from the salon to the dining area and even the galley.

## Ocean Alexander 90R

There's seating for eight in the formal dining area and the views are breathtaking. The full bar is ready to entertain with a refrigerator, icemaker, and sink.

**The Galley.** Set up with enough counter space to prepare a multi-course meal, the 28R Motoryacht's galley has a Franke professional series kitchen sink, 30" (76.2cm) Bosch electric cooktop, a Bosch electric oven, a Fisher & Paykel refrigerator with an icemaker, a U-Line wine cooler, a Whirlpool garbage disposal, a 30" (76.2cm) Thermador over-the-range microwave oven, an Asko dishwasher, a 15" (38.1cm) Jenn-Air trash compactor and a Seagull water purifier. There's storage in cabinets with drop-lock systems to ensure they stay closed and the countertops are stone. Outboard to port, there's a breakfast nook with a small L-shaped lounge and table.

## Ocean Alexander 90R

Ocean Alexander continues to use lighter colors on the eye-level cabinets to give the galley a more open feel. And because of the open layout, the chef is not isolated from the other passengers — unless he wants to be. There are sliding pocket doors to close off the area.

## Master Stateroom



A tile-covered passageway to starboard leads forward to the master stateroom that has a king-sized mattress with independently coiled his and her sections. Twin nightstands have stone countertops and there are walk-in closets to port and starboard. A hidden safe secures valuables. As in the salon, the windows incorporate aluminum beams and sandwiched-glass construction. A flatscreen TV is on the wall at the foot of the berth. Outboard to port, there are two chairs and a small table and to starboard is a small desk and chair.

Ocean Alexander 90R

Here we see the master stateroom with the twin lounge chairs and table, plus a sensational view.

Ocean Alexander 90R

The view is just as good out the port window and the desk/vanity can be used for multiple tasks.

**Master Head.** Doors across from the foot of the berth open the separate his and her heads that have sinks, storage, and Tecma toilets equipped with Ocean Alexander's proprietary lock-out system that prevents flushing when the holding tank is full. There is also a tankage status and alarm in the N2KView monitoring system. In between, the shower has seamless glass construction and is designed to protect against moisture buildup and water intrusion behind the panels.

Ocean Alexander 90R

The stone countertops and overhead light treatment give the master's head a luxurious feel.

## The Lower Deck

Ocean Alexander 90R Motoryacht

The standard lower deck layout has a VIP cabin in the bow, two guest staterooms at amidships, and crew quarters aft.

Ocean Alexander 90R Motoryacht layout

One option for the belowdecks area places the master stateroom at amidships.

Ocean Alexander 90R Motoryacht

Owners who have a big family or lots of friends may want to choose the optional five-stateroom layout.

**VIP Cabin.** We'll stick with the standard cabin-deck layout. In the foyer at the bottom of the stairs to the lower level are the washer/dryer and a refrigerator. Forward, the VIP cabin in the bow has a queen-sized berth with drawers in the base and a cedar-lined hanging locker with automatic lighting. There's a small lounge to port and the en-suite head has the Tecma toilet, a shower stall, and storage.

Ocean Alexander 90R

The treatment on the overhead gives the VIP cabin in the bow area a much more open feel.

**Guest Cabins.** Located amidships, the two guest cabins have individual berths that can slide together to create a queen. There's storage in the base of the berths, plus hanging lockers with automatic lights. The en-suite heads are laid out and equipped the same as in the VIP quarters.

## **Ocean Alexander 28R**

As we saw throughout the boat, the window in the port guest cabin feels bigger than on other boats in the class.

**Crew Quarters.** Aft, the crew quarters have a separate captain's cabin, cedar-lined hanging lockers, and a separate head. The captain also has a desk with an N2KView-linked iPad for systems diagnostics, alerts, and settings. There's a small kitchenette area with a sink, a microwave oven, and a refrigerator with icemaker.

**Construction.** Ocean Alexander builds the 28R Motoryacht with infused vinyl ester resin and high-density structural foam. The high density allows for higher temperature resistivity and improved thermal and acoustic insulation. Crosslink carbon is used in high-stress areas. Stringers, cross frames and bulkheads are cored with foam. Special attention is paid to reducing sound and vibration and techniques include isolation barriers, reflective, absorptive and dampening materials, air pockets and flexible and isolation mounts. Bulkheads are watertight and marine-grade aluminum beams are used to support the decks, walls, and overheads. The 28R Motoryacht is painted with epoxy-based primers and Alexseal polyurethane, which Ocean Alexander says has better gloss and color retention than gelcoat.

**Engines and Related Systems.** The 28R Motoryacht is powered by twin 2000-hp MTU 10V2000 engines with alarm systems for high-water temperature and low oil pressure. The engines are installed on stainless-steel mounts. Ocean Alexander uses automated computerized Delta-T intake/exhaust fans with variable frequency drives to push/pull air through the machinery spaces. Ducts have water-separating and fire dampers installed with manual/automatic triggering systems. Adjustable/reversible Delta T fans for the engine exhaust are installed in the superstructure instead of the hull sides. This maximizes protection against water penetration to the motors and minimizes salt spray into the engine room. The generator is a Kohler 55kW installed on vibration-dampening mounts.

**Fuel System.** Fuel capacity of the 28R Motoryacht is 3,000 gallons (11,356 L). There are sight gauges on the twin tanks, which are made from 4.5mm (1.8") thick, 5052 aluminum and have high and low alarm systems. The boat has Racor fuel-water separators with Y-valves for the generator and a Gulfcoast fuel polishing system. The dual MTU fuel filters have remote readouts for filter performance.

**Water and Waste Systems.** The holding tank system is an ECOMar with a capacity of 600 gallons (2,271 L) per day. The 28R Motoryacht is equipped with automatic bilge pumps with manual and automatic

switches in each space that is divided by watertight bulkheads. A Sea Recovery water-making system is rated at 1,400 gallons (5,300 L) per day.

**Electrical Systems.** The 24-volt electrical system has AC outlets throughout the boat with GFI circuit protection in appropriate areas. Also, the boat is protected with ELCI Octoplex breakers. The engine batteries have isolation switches and all of the batteries on board are AGM. Shorepower receptacles have Iso-Boost 2 x 100-amp cords with a master cable-retracting system. The boat is equipped with a 100-amp battery charger. The 28R Motoryacht has full bonding and grounding.

**Octoplex NMEA 2000 Network.** Monitors AC and DC power sources for voltage, frequency, and amperage and provides visual and audio alerts. The touchscreen monitor is user reconfigurable and can be programmed for brown-out conditions through auto load-shedding, if necessary.

**Air Conditioning.** The Dometic chilled-water air conditioning system is rated for extreme tropical climates and has reverse-cycle heating. There's a dedicated system for the engine room and throughout the boat, where possible, the air exits from ceiling panels hidden from view. Ocean Alexander says this shortens the length of the ducting system, improving efficiency and speed of cooling by more than 30 percent.

## Retail Price

**\$8,250,000.00**

## Options to Consider

- Skylounge (\$378,000)
- Electric shades for salon, dining, master, and skylounge (if selected) windows (\$28,000)
- Salon and skylounge (if selected) wood flooring in lieu of carpet (\$31,500)
- Heated stone floors in master head (\$7,140)
- Electric helm seats in lieu of standard mechanical models (\$6,500 each)
- Tecma EZ Breeze toilets in master stateroom (\$6,800 each)
- SidePower hydraulic stabilizer (\$210,000)
- Global Power converter package with 50/60 Hz Power Converter, electrical transformer allows for automatic marina connection, swappable wall plugs (\$185,000)
- Crestron Audio/Video Package \$158,000
  - Includes the following equipment installed at factory: iPad mini linked to system; 50" (127cm) TV with Blu-Ray in salon; LED 40" (101.6cm) TV in Master Stateroom and VIP cabin; LED 50" (127cm) TV in skylounge (if selected); 28" (71.2cm) TVs in guest and crew cabins; 40" (101.6

cm) LED TVs in captain's quarters and Beach Club.

- Sonos System allows streaming music and stereo sound for zones with TV. Includes the salon, flybridge, galley, aft cockpit, and bow seating area (\$49,500).
- Inverter Package with upgrade to 100-amp charter to inverter/charger (5000W/120amp) and BluePower full function programmable controller.
- FLIR night-vision camera for thermal and low light (\$37,500) or night vision camera only (\$15,500)
- Panasonic intercom system (\$8,230)
- Onboard internet driven by 4G SIM card capable Wi-Fi router (\$5,800)
- Teak Decking package for main deck, swimstep, flybridge and stairs (\$60,000)
- 4-person lighted Jacuzzi with enclosure on deck (\$42,320)
- Manual awning for bow (\$23,730)
- Manual awning for swim platform (\$10,800)
- LED Underwater lights (\$18,600)

## Observations

The 28R Motoryacht is a bold departure from more traditional designs for Ocean Alexander that we think consumers will like. The Beach Club is a smart idea that adds to the boat's versatility and we can imagine the skylounge being a popular upgrade.

Having the salon, formal dining area, galley, and master stateroom on the same level isn't a new design wrinkle, but Ocean Alexander carries it out smartly, using cabinets to separate the areas without interrupting the flow. It creates a great layout for entertaining and the extra-large windows make the boat feel larger than its 90' (27 m) length, providing exceptional views.

Finally, the N2KView Safety and Security monitoring package brings the boat into modern times with the connectivity that owners are looking for.