

LUXURY WITHOUT COMPROMISE

Robb Report



CAR OF THE YEAR

LAMBORGHINI DELIVERS AGAIN

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A Trio of Trends

NAVIGATING NEW DIRECTIONS

From bulletproof boats to onboard gardens, these are this year's hot yacht innovations to watch.

1 Explorer Yachts

If they haven't done so already, every shipyard appears to be coming out with its own rendition of the durable explorer-style yacht. One example is the 141-foot explorer from Italy-based shipyard **Baglietto**. Penned by designer Santa Maria Magnolfi, this opulent yet discreetly bulletproof craft was created to sail the globe. The Italian yard **CRN** has three AlfaRosso explorer-style vessels underway by Francesco Paszkowski Design—148-, 164-, and 180-foot models—as well as plans from Zuccon International Project (259-foot CRN 135), Nuvolari Lenard (203-foot CRN 137), and Omega Architects (203-foot CRN 138). The 230-foot Project Crystal from the Dutch firm **Mulder Design** will sport a rugged Ice Class hull and accommodate 14 guests. And moored to the docks in Monaco, the steel-hulled 500EXP from **Sanlorenzo** had its public launch last fall. Though the exterior looks like it can handle anything Mother Nature throws its way, the interiors are fitted with tasteful Italian design.

BELOW: Project Crystal is both ready for adventure and powered by a hybrid electric-diesel propulsion system.

2 Winter Gardens

The "winter garden" included on a few new yachts is something *Robb Report* first noticed several years ago as a feature on board Abeking & Rasmussen's *Cloudbreak* and Feadship's *Joy*. On land, the term refers to either a garden in which hardy, frost-resistant plants may grow or a conservatory where flowers and greens can thrive during the colder months. The yachting world gives the concept some special tweaks for sea. The 167-foot *Irisha*, from Dutch builder **Heesen**, replaced its main saloon with a garden—with no plants in sight. Instead, the room opens to the elements on three sides and features contemporary outdoor furniture and rugs. **Tankoa Yachts'** recent launch, *Solo*, does include greenery—of the succulent variety. It feels more like a conservatory, with large windows and a seating area. On board *RJ*, a new A105 from **Arcadia**, the owner chose to dedicate his glass-walled and -ceilinged garden (standard on Arcadia yachts since 2005) as a games and play space.

3 Eco-Friendly Yachts

Green technology in the marine sector continues to grow. At 350 feet, **Oceanco's** *Black Pearl* is the largest sailing yacht in the world—and apparently, one of the most environmentally friendly. Its technology includes DynaRig carbon masts, solar power, a hybrid-propulsion system, and onboard hacks such as waste-heat recovery, all to propel it across the oceans with reduced emissions. One look at the A105 from **Arcadia Yachts** and you just know it's eco-friendly; 387 square feet of solar panels make up the superstructure and produce 4.2 kW, used to power the lights, appliances, pumps, and electronics. **Nobiskrug** presented a model of the soon-to-launch 262-foot superyacht *Artefact*, which uses solar panels, a battery-storage system, wastewater recycling, and a high-efficiency/lower-emissions ABB Pod propulsion system. The Italian builder **Perini Navi** also revealed its line of hybrid sailing yachts. Called E-evolution, the line offers models that contain a hybrid propulsion system with lithium batteries to power electric engines, reducing the use of fuel-burning engines and generators. Totally on trend, **Tankoa's** *Solo* is so highly efficient and environmentally friendly it comes with an Environmental Management Plan manual. And the *Waterecho* superyacht concept—designed by Espen Øino—from the shipyard **VSY** will be used by technological innovator Siemens and the maritime classification entity Lloyd's Register as a pilot project on which to utilize—and assess for safety and feasibility—one of the first applications of zero-emissions hydrogen fuel cells in yachting. **Danielle Cutler**



The 230-foot Project Crystal will sport a rugged Ice Class hull.

LEFT TO RIGHT: Winter-garden space is used in slightly different ways on Heesen's *Irisha* and Arcadia's *RJ*, but both examples bring the outside in.

