

SYI 2015 | VOLUME 10 | ISSUE 3

SuperYacht

i n d u s t r y

Lürssen's Ester III

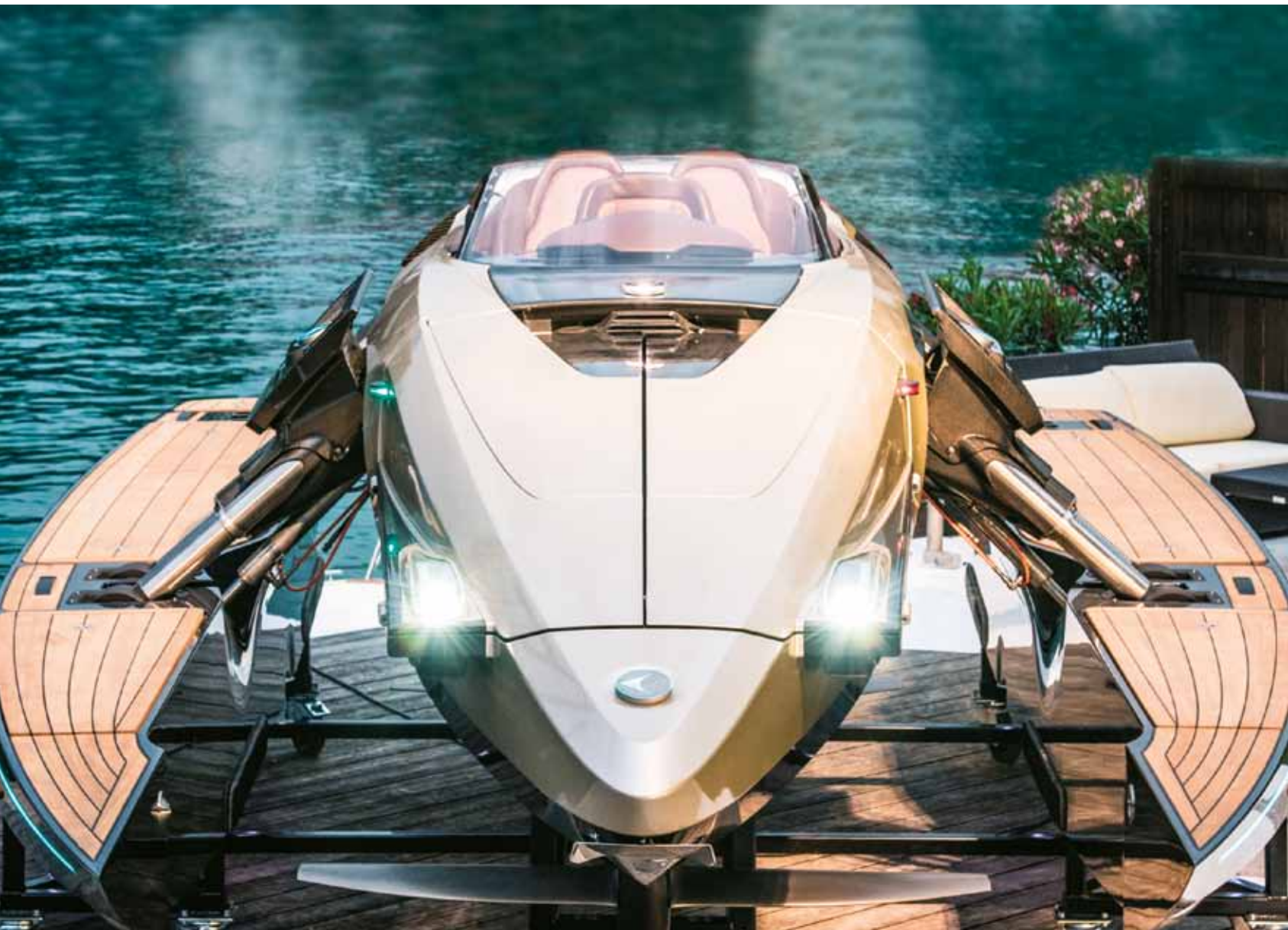
ELEGANCE DEFINED

Monaco Yacht Show 2015

25TH ANNIVERSARY SPECIAL

A Growing List

INTERIOR INNOVATION



Elegant Transformer

THE VISION OF A NEW CLASS OF BOAT HAS FINALLY ARRIVED with the First Edition of the luxury Kormaran watercraft to be delivered in the summer of 2016.

This luxury watercraft is truly spectacular, combining the comfort of a flying hydrofoil with the ability to transform itself while in motion – changing from an elegant, stable multi purpose dayboat to a unique flying rocket.

Luxury Transformed

While conventional boats cannot change their characteristics, the Kormaran can transform even while in motion, elegantly combining the agility of a monohull for quick manoeuvres with the stability of a catamaran or trimaran. In

addition, the Kormaran can gracefully transform into a large sunbathing platform, without compromising transport or storage space. “The idea was to combine the feeling of driving a comfortable super sports car cabriolet, the preciseness of aircraft technology and special features of other fascinating super sports vehicles. My motivation was to emphasize all the advantages of the known classes of boats while avoiding the disadvantages,” says Kormaran inventor, designer and owner Oliver Kormann. “Our design is driven by function and >>

emotion and while most of the functions are hidden, the emotions are clearly visible, creating permanent values.”

Strut Your Stuff

The Kormaran includes Americas Cup hydrofoil and hydraulic technology. The foils and the struts were developed with a foil specialist of an Americas Cup development team, including the latest CFD-analysis expertise. The struts are made out of carbon fibre, using the best carbonfibre racing and aircraft engineering. The hydraulic system behind the transformation and the foil flight system, consisting of the cylinders, manifolds and tubes are also based on Americas Cup hydraulic lightweight racing technology. In addition, the Kormaran boasts numerous technical innovations; the patented transformation and hydrofoil system, the Kormaran carbon fibre monocoque is the largest carbonfibre monocoque ever built with automotive standards including Formula 1 Technology, carbonfibre shafts with DTM and Le Mans racing technology, and specifically developed lightweight teak-carbon decks.

Defining the Dream

Creating such a unique watercraft is not without challenges in technology, engineering and design. The Kormaran is defined as a boat with two hulls and a transformation system, which allows the transformation between a monohull-like mode (hulls very close together), a katamaran powerboat-like mode (medium distance between hulls) and a trimaran-like mode (maximum distance between hulls). The transformation system allows also an adjustment of the height. A sunbathing platform can be installed which opens to transform the boat into an extravagant swimming island. Optional are also the hydrofoils and a third engine for the hydrofoil flight mode with reduced



SPECS

Length o.a.	7m
Draught (normal/hydrofoils)	0.3/1.4m
Width (monohull/catamaran/trimaran)	1.5/2.7/3.5m
Weight	Approx. 1,500kg
Power package	450hp up to 900hp/ 2 or 3x jet propulsion
Maximum speed	depends on Power Package/ 38 knots in hydrofoil mode
Operating distance	min 200km/108nm (cruise speed)
Transformation	Hydraulic/Electronic
Tank capacity	depends on power package





water resistance and a decoupling of the waves. Special equipment like a cooler, hifi sound system, boat cover, swimming ladder, fishing or diving gear are available ensuring that all desires are met.

The Choice Is Yours

A reservation for a building slot is now possible with First Edition slots expected to sell out quickly for this unique watercraft. Potential buyers are encouraged to book a building slot, which is the easy part; the challenge will be choosing the design. The Kormaran can be ordered in an array of exterior colours and there are more than 600 leather colours on stock for the interior. Should this not be sufficient, then a new colour can be produced as well as a pattern, imprint or embroidery – the possibilities are endless. The carbonfibre optics can be adapted from fine to structural and even gold plated. The wooden elements can be modified as well as the teak replaced with a different wood colour, making every single Kormaran developed truly unique.

i. www.kormaran.com