

SYI 2014 | VOLUME 9 | ISSUE 3

MONACO YACHT SHOW

# SuperYacht

i n d u s t r y



## BLUSH

TRULY ICONIC BRITISH YACHT

### Transforming the Tender

A NEW CLASS OF LUXURY BOAT

## *Becoming the Biggest*

EXPANDING REFIT & REPAIR FACILITIES

A NEW CLASS OF LUXURY BOAT

# *Transforming* THE TENDER



A NEW CLASS OF BOAT HAS EMERGED ON THE HORIZON, THE KORMARAN. UNVEILED THIS SUMMER, THIS LUXURY WATERCRAFT IS TRULY SPECTACULAR AND WILL CERTAINLY EXCITE SUPERYACHT OWNERS AND GUESTS WHEN IT EMERGES FROM THE TENDER GARAGE. ASIDE FROM the thrilling speed of a flying hydrofoil, what really sets the Kormaran apart is its ability to transform itself while underway – changing from an elegant, stable and comfortable dayboat to a flying speed demon. The vessel is an ambitious and visionary creation as well as an extraordinary achievement in engineering, mechatronics and luxury design. Certainly the producers of the James Bond films will be looking on in envy when the first production model is delivered.



## SPECS

Length o.a.	7m
Draught (normal/hydrofoils)	0.275/1.4m
Width (monohull/catamaran/trimaran)	1.5/2.7/3.5m
Weight	1,500kg
Power package	Approx. 375kW / 3x jet propulsion
Maximum speed	38 knots
Operating distance at max. speed	108nm
Transformation	Hydraulic/Electronic
Tank capacity	3x 30l



In June the world premiere of the high-tech Kormaran took place in Austria.

The prototype of the 7m craft was on display, wowing onlookers with its luxurious looks, superyacht finish and technological promise. The Kormaran, which originates from an ambitious idea in 2007, is intended as an addition to the common classes of watertoys like monohull, catamaran and trimaran.

"Our goal was to implement the vision of a watercraft, which combines all the advantages of the known classes of boat in itself," commented the inventors of the Kormaran, Jutta and Oliver Kormann.

"We place particular emphasis on perfection of the technical implementation and sustainability in all facets."

Their passion for perfection has resulted in a watercraft that elegantly combines the agility of a monohull for quick manoeuvres with the stability of a catamaran or trimaran. However, while conventional boats cannot change their characteristics, the Kormaran can gracefully transform.

### High-Tech Transformation

Developing the Kormaran began in earnest in 2010 after the Kormann's founded the company in Salzburg. That year also saw the start of engineering. This was followed by an initial prototype (proof of concept) that was tested in trials in 2013.

Its most important feature is the fact that the Kormaran can transform even while underway, this way the watercraft elegantly changes from a monohull to a catamaran or even a trimaran. Rising to its flying mode, the Kormaran uses hydrofoils, which expands the vision of the luxury boat. Water resistance can be reduced up to 80 percent.

With the impressive speed records of Hydroptère and the exciting series in the America's Cup, hydrofoils are red-hot in water sports. The advantages are obvious – higher speeds with lower energy consumption and a much more comfortable ride, thanks to the decoupling of the waves. The completely new design of the hydrofoils means >>





The high-tech watercraft features innovative hydrofoil technology.



the Kormaran can even sail in shallow waters and also land on shore.

## Connecting Worlds

The design of the Kormaran connects the world of luxury yachts with the world of super sports cars and high-tech aviation. The watercraft is made from carbon fibre, including a carbon fibre monocoque. Built to top of the range automotive standards and integrated Formula 1 technology, coupled with lightweight aircraft technology and the latest security features, the Kormaran is a high-tech watercraft meeting the highest requirements. With special features such as the spacious sunbathing deck, height-adjustability, extraordinary wingdoors and the multifunctional light design, the Kormaran is a true show-stopper on the water.

Completing the Kormaran's suitability as a superyacht tender, it is finished to the highest quality in teak wood, finest leather, stainless steel and titanium. Plus, thanks to the spectacular lighting design, the boat appears like a comet through a cloud of light.

## Custom Engineering Excellence

The Kormaran website lists a number of partners involved in the development of the watercraft. These companies illustrate the level of experience and workmanship involved – as well as the experience taken from the world of automotive racing concepts. From these high-tech industries, Kormaran's partners include the Stuttgart engineering company KKK, which specialises in the development of lightweight structures and structural mechanics. Also from Germany, IDEENION Automobil provides development services for the automobile industry, including mechatronic and control components, interior and light applications and ergonomic concepts. From Salzburg, Mubea Carbo Tech is known as a pioneer of producing >>



The Kormaran combines the agility of a monohull with the stability of a catamaran or trimaran.



Transforming into an incomparable sunbathing island.





In June the world premiere of the high-tech Kormaran took place in Austria.

carbon reinforced composite parts for the automotive industry and for automotive racing. Staying in Austria, the Linz Center of Mechatronics is one of the leaders in the field for research and development. Also based in Linz, Neuson Hydrotec is a leading custom hydraulic solutions provider.

However, the partners also include maritime experts, including the Vienna Model Basin Ltd – one of the oldest and most experienced institutes providing services in ship design and maritime operations. The project's Austrian origins are also supported by the Austrian Research Promotion Agency (FFG) – the national funding institution for applied research and development in Austria.

Luxury yachting partners include Austria's Boxmark, who deliver high class upholstery leather. From Germany, Wolz Nautic has a long-standing reputation for innovation in teak decking. And then rounding out the partners is the German superyacht lighting expert Yachtlite,

who have wide-ranging experience in custom solutions.

### Yachting Sensation

From the steps of the Alps, the creation of the Kormaran could well be the next yachting sensation to set the superyacht industry abuzz. The creators and their partners certainly have the necessary track record in innovation, technical and engineering mastery and luxury finishing, however the proof will be when the owner of the first Kormaran takes to the water, transforming the watercraft to its hydrofoil flying mode. For other superyacht owners looking on, this will certainly bring a new standard to the tender garages of the highest quality superyachts.

i. [www.kormaran.com](http://www.kormaran.com)



Jutta and Oliver Kormann, the inventors of the Kormaran.