



WHEN YOUR VISION BECOMES REALITY

CNC MILLING SERVICE

TECHNOLOGY CONSULTING

DESIGN SUPPORT



Welcome Aboard

Behind us are 25 years of commitment.

We have built one of the largest boatyards in CEE.

We have manufactured over 20,000 vessels for oceangoing, seagoing and inland use. We have developed over 30 models and created our own, purposebuilt marina.

Delphia Yachts Custom deals with the implementation of special and unique orders. Relying on the experience and technological base of Delphia Yachts our CNC department produces unique Tender motorboats and performs even the most demanding customized orders.



Piotr Kot

Piotr Kot

Co-owner

Wojciech Kot

Wojciech Kot

Co-owner

A large, curved, light green boat hull is shown under construction in a factory. The hull is the central focus, curving from the top left towards the bottom right. It has a smooth, slightly textured surface. A small, dark, oval-shaped opening is visible on the side of the hull. To the right of the hull, several workers in white uniforms and masks are working on the structure. They are using tools and equipment, including a long, thin metal rod that extends across the hull. The background shows the interior of a large industrial building with high ceilings and blue curtains hanging in the distance. The overall scene is one of active manufacturing.

“By combining our experience and passion with the best modern technology we at Delphia are proud to present a range of boats of truly unique character and style”.


Piotr Kot

Technology

Every element of the construction reflects the highest standards of the craftsmanship. With over 25 years of experience in the boat building Industry Delphia Yachts has become respected for its quality and known for the superior marine technology. Delphia Yachts has great experience in using precision CNC machining in its construction processes allows rapid and exact sculpting of a variety of materials to ensure perfect symmetry in each product. Delphia's sailing and motor yachts are designed by highly professional craftsmen using state-of-the-art computer software and high-tech equipment.

The technology team manages and oversees the manufacturing process using only the highest quality materials for construction. Our facilities make a use of the infusion technology. Delphia has a longtime relationship with the Ship Design and Research Centre where our boat prototypes are examined and tested.

Thanks to the modern manufacturing technologies, we are able to offer our products at very competitive prices

A high-angle, close-up photograph of a construction worker. The worker is wearing a white full-body protective suit, a white respirator mask covering their nose and mouth, and black gloves. They are working on a large, white, rectangular mold or formwork. The worker's hands are visible, applying a substance to the edge of the mold. The background is a blurred industrial setting with metal frames and equipment. The lighting is warm and focused on the worker.

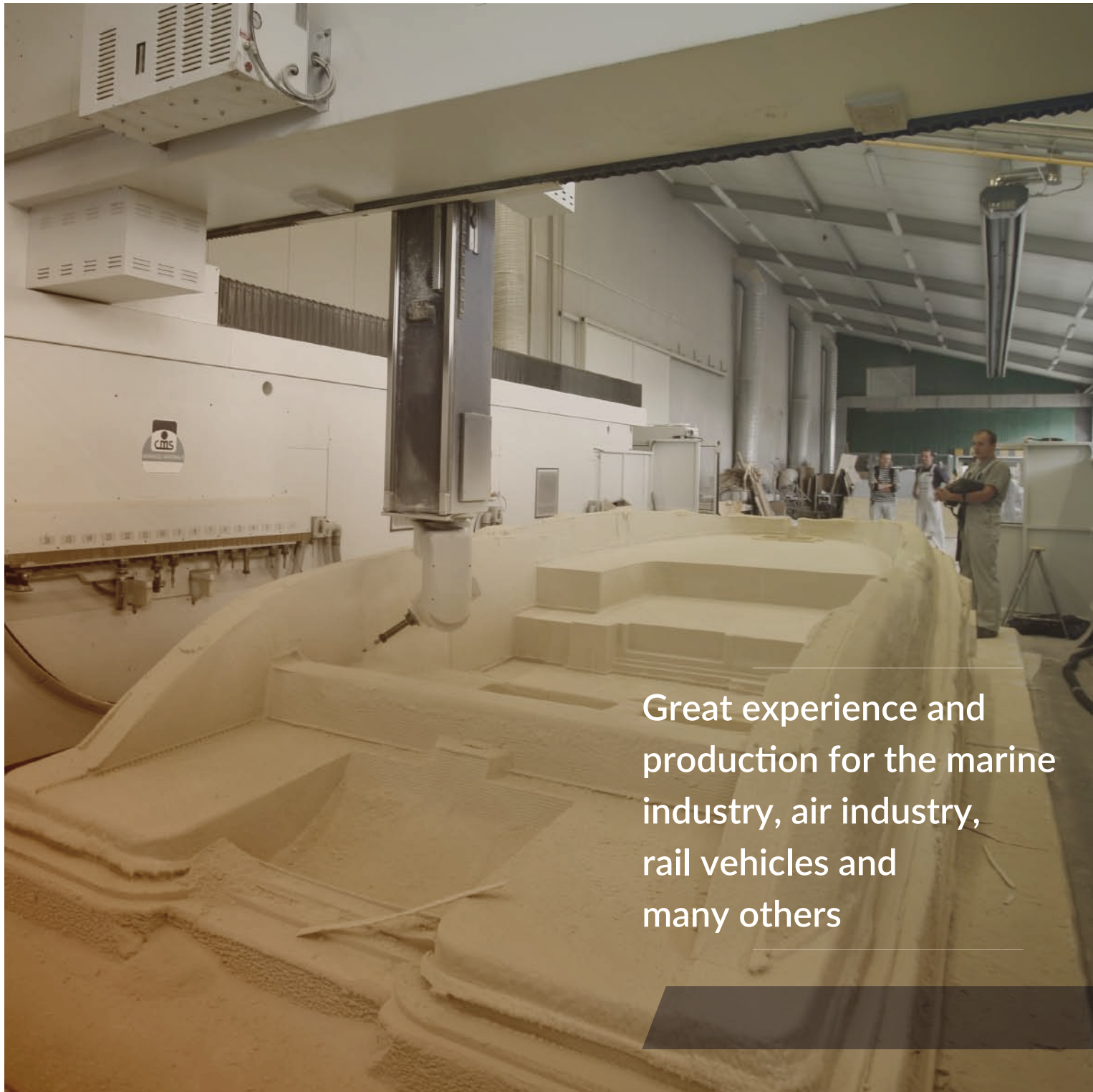
Every element of
construction reflects
the highest standards
of craftsmanship

CNC milling

The production of patterns and prototypes, trimming of large aluminum or composite components for the automotive, aviation and marine industry as well as tooling board or sand (for the foundry industry).

Delphia Yachts offers the services with high-quality software CATIA and 5-axis machining center providing well-trained staff and high precision.





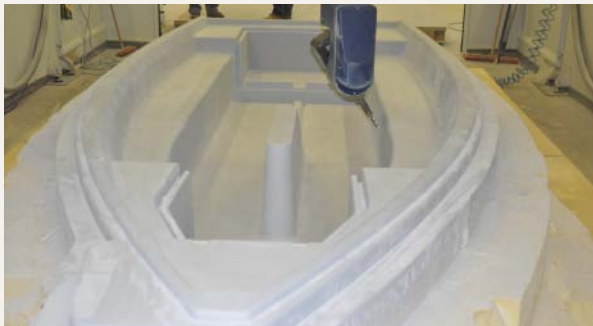
Great experience and
production for the marine
industry, air industry,
rail vehicles and
many others

Materials

Delphia Yachts produces models, moulds and plugs from all material available and with unlimited sizes.

In the milling proces we use:

- Wood
- EPS
- PU
- Epoxy
- Polyester





CNC Production Process





Milling machine

TECHNICAL DATA OF POSEIDEON

38/90PX5:

WIDTH:

3,8m

LENGTH:

9,0m

HEIGHT:

2.0m

THEORETICAL ACCURACY:

Axis error:

X 0,031 (for 3,5[m] max 0,11)

Axis error:

Y 0,047 (for 9[m] max 0,24)

Axis error:

Z 0,026 (for 2[m] max 0,065)

WORKING AREA IN FULL 5-AXIS:

Length:

8415mm x width 3215mm x height 1710mm
(in three axis alternatively the field is larger)



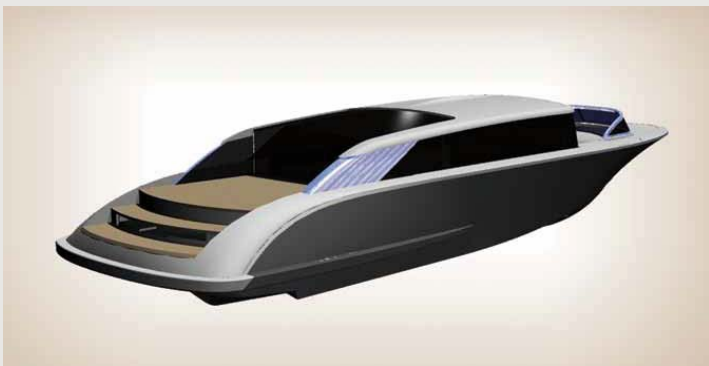
Design

The design process is one of the most critical stages in the pursuit of excellence. That is why our tender motorboats have been designed by Andrew Winch Designs studio and Tomasz Rosiński renowned naval architects.

Our construction team transfers projects into the Catia 3D CAD program, the latest fully-integrated CAD software, to prepare the CNC machine for further work. Thanks to the advanced computer design it is possible to check even the smallest details in terms of ergonomics, collision points and structural integrity.

Every feature is a part of the design concept that allows to produce the yacht of the highest quality.

The weight distribution, functionality and ease of access to the vessel are of crucial importance.



Technology and Construction

Our construction department cooperates closely with the Research Institutes and Universities of Technology, including The Marine Technology Centre, C.T.O. (Ship Design and Research Centre of Gdańsk), Gdańsk University of Technology, The Department of Ocean Engineering for Maritime Ships, Warsaw University of Technology and The Department of Mechanical Engineering, Energy and Aviation.



**GDAŃSK UNIVERSITY
OF TECHNOLOGY**



Portfolio

Marine



Thender

Thender Limousine



Quicksilver 455

Quicksilver 505

Quicksilver 905 Pilothouse

Quicksilver 755 Sun Deck

Quicksilver 755 Open



Uttern D77/805



Maxi 1200



Agapi 950



Escape 1100 Soley



Delphia D46



Aquaner 1200



GLIDER AOS 71

Aviation



FRONT OF LOCOMOTIVE

Automotive



WINDMILL TURBINES'
ELEMENTS

Windmill

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