

MARINE



AUTOMOTIVE



AERO



WINDMIL



Every aspect of construction reflects the highest standards of craftsmanship. With over 20 years of experience in the boat building industry, Delphia Yachts has become respected for its enviable build quality incorporating superior marine technology. Delphia Yachts has extensive experience in using precision CNC machining in its construction processes allowing rapid and exact sculpting of a variety of materials to ensure perfect symmetry in each product.

Delphia Yachts Kot sp.j.  
ul. Kościuszki 63,  
19-400 Olecko, Poland  
tel +48 87 520 30 37  
fax + 48 87 520 21 77

[www.delphia-cnc.eu](http://www.delphia-cnc.eu)  
[cnc@delphia-cnc.eu](mailto:cnc@delphia-cnc.eu)





#### APPLICATION

Production of patterns and prototypes, trimming of large aluminum or composite components for the automotive, aerospace and marine industry as well as tooling board or sand (for the foundry industry).  
CNC plug milling High speed 5 axis CNC milling of most common materials used in the marine industry such as wood, EPS, PU, Epoxy, Polyester.

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)

Delphia Yachts produces models, moulds and plugs from all material available and with unlimited sizes. Delphia Yachts offers the services with high-quality software CATIA and 5-axis machining center providing well-trained staff and high precision.

Large experience and realizations for marine industry, air industry, rail vehicles (train cabs) and many others.

#### CNC PRODUCTION PROCESS

CAD DRAWING



MODEL READY



CAM PROJECT



MILLING OF FOAM



MILLING OF EPS SUBSTRATE



FOAM APPLICATION

