

**5 Axis Large Overhead
Gantry CNC Machine
Molds - Plugs- Mockup**

**Marine
Composite
Solution**

OYS  **On Your Side**



Professional Solutions

www.oysmak.com



EFFICIENCY ON GANTRY - MEGA MARINE 7 / 24

OYS CNC engineering its great attention to details all through the company processes lead to:

- 24/7 machine use, always keeping there requested performances
- reliability for long time
- reduced average service costs.
- plugs and molds with high accuracy process

This machining center has the option of railways through front and back, allowing for easy loading/unloading of large molds and plugs - large size boats.

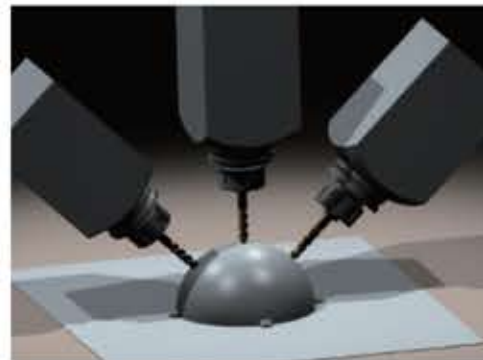
The universal fixture table improves productivity by reducing downtime between part runs.



MOLDS AND PLUGS

5 AXIS

- HIGH QUALITY
- FAST TURNAROUND
- MULTI PURPOSES SOLUTION



This CNC router is a continuous-use, feature-rich, heavy-duty machining center designed to process a wide variety of applications, from light materials such as wood and foam to composites and nonferrous materials.

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Prototype Tooling
Schedule Critical
Machined Putty
Wood Base
Foam Underlayment
Fiberglass & Putty
Plugs, Direct Molds
Part Mockups



24 mt x 7 mt x 5mt
78' x 23' x 16'

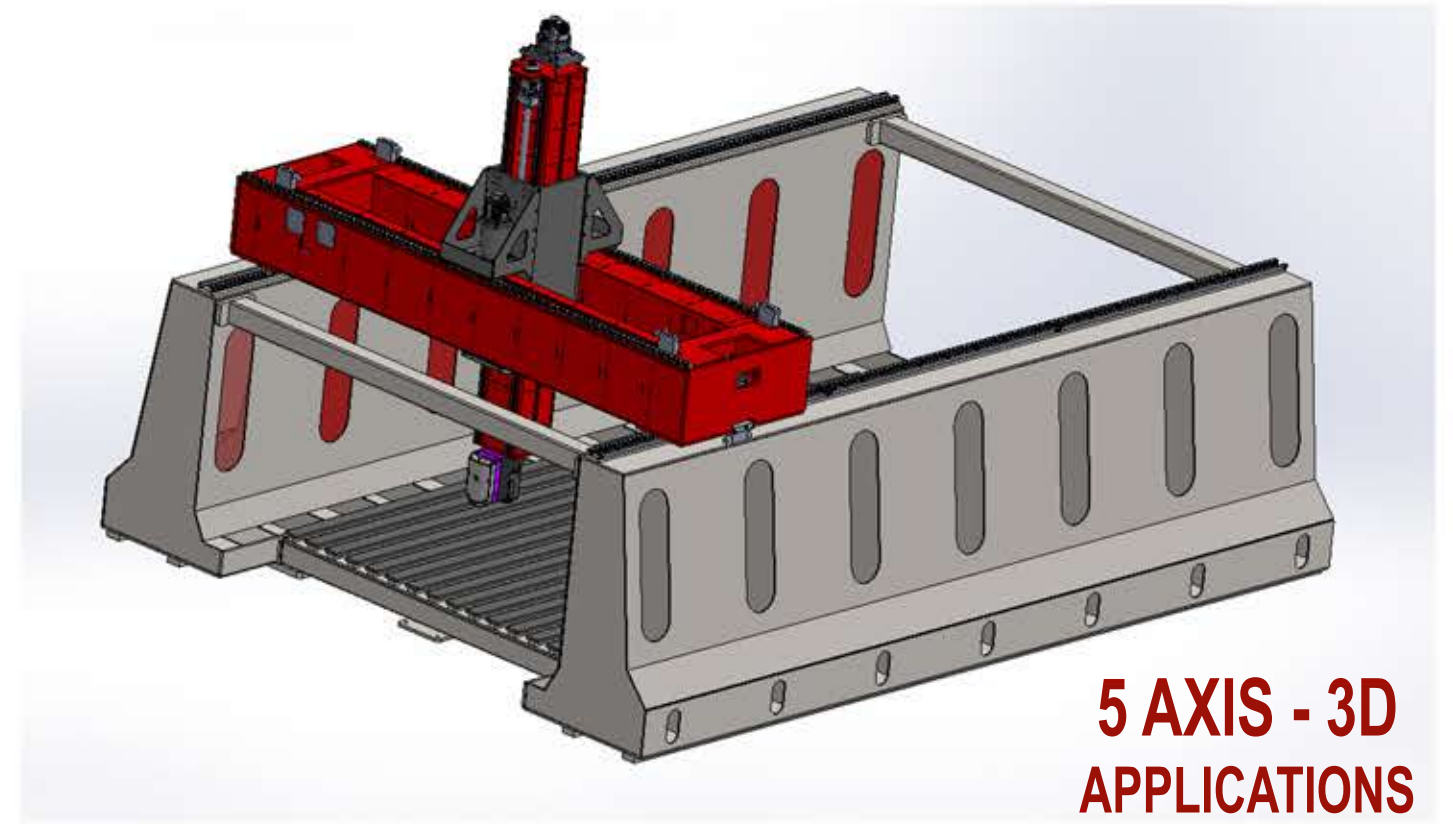
BIGGEST IN THE EAST EUROPE



Electric Cars



Sculptures



**5 AXIS - 3D
APPLICATIONS**

OMEGA MOULDER SERIES

Omega and Prime Series built with a durable, all-steel tube frame, which significantly reduces vibration and gives the operator tight control for precision milling and cutting. Equipped with a high-performance spindle or 5 axis cutting head designed to provide an accurate and smooth motion.



**WOOD
COMPOSITES
NON-FERROUS
PLASTIC
FOAM**



**Automatic Tool Changer
8 - Tools and More...**



**Tool Height Measurement
Safe and Quick process**



High performance process with aluminium vacuum blocks



Automatic Tool Changer
8 - Tools and More...



Syntech or Siemens Controllers



Tool Height Measurement
Safe and Quick process

SWIFT SERIES - FLAT BED CUTTING SYSTEMS

These economical Flatbed Cutting Systems designs for drilling and milling with special design to prepared nesting programmes.

Machine is capable to make sizing, surface processing and other optional operations ensures excellent results both rigid and flexible substrates

SWIFT - X Series is an economical turnkey cutter/router solution for the small-to-mid size wood, foam, plastic and other non-ferrous materials. This system is suited to provide versatility as it can cut a multitude of materials with a highdegree of precision.



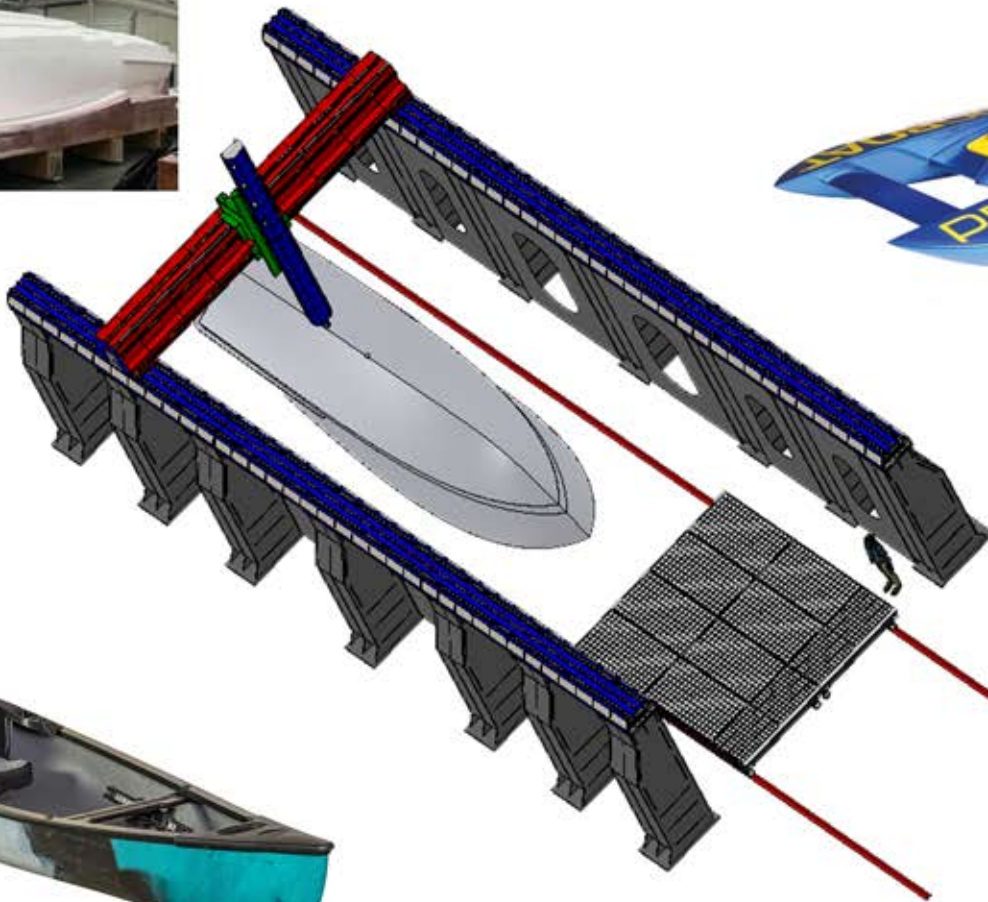
Strong Vacuummig
250 m³/h

SWIFT - X Tech Specs	510	612
Working Area	1500 x 3000 5 x 10	1830 x 3660 6 x 12
Z Axis Clearance	200 8"	200 8"
Spindle Power	9 kW	9 kW
Spindle RPM	24000	24000
CAD	AlphaCAM Optional with new post	AlphaCAM Optional with new post
Axis Speed	Servo Motors	Servo Motors
Tool Changer	8 tools Optional to 50	8 tools Optional to 50
Drill Holder	HSK -F63	HSK -F63
Axes Speed X -Y	70 m/min 230 ft/min	70 m/min 230 ft/min
Axes Speed Z	20 m/min 65 ft/min	20 m/min 65 ft/min
Machine Weight	4300 kg 9,460 lbs	5,500 12,000 lbs

**Other models available

**Carbon/Fiberglass/Foam
Composite
MDF - Wood
Specific Materials**

**Marine
Composite
Tooling**



**Professional Solutions
Smart and Largest Size**

