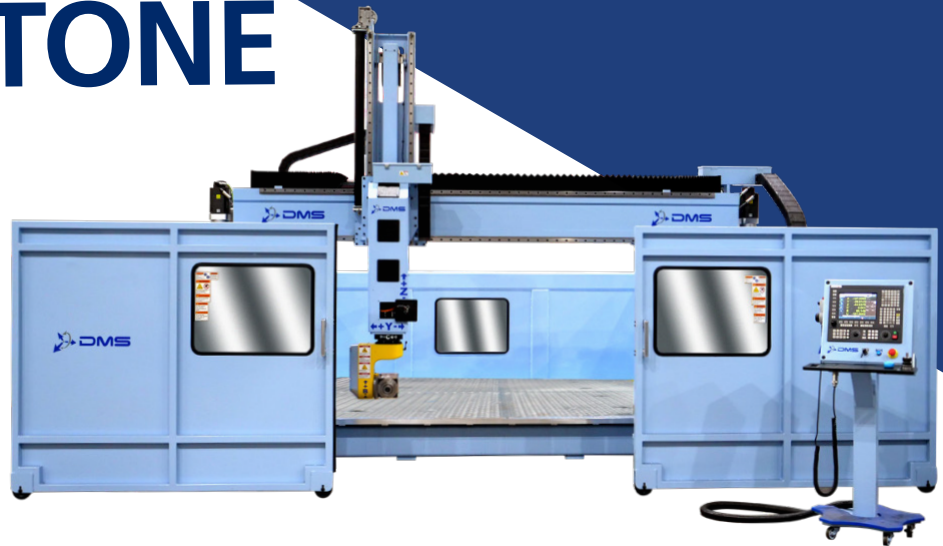


# YELLOWSTONE



## Common Materials



Wood



Composites



Aluminum



Plastics



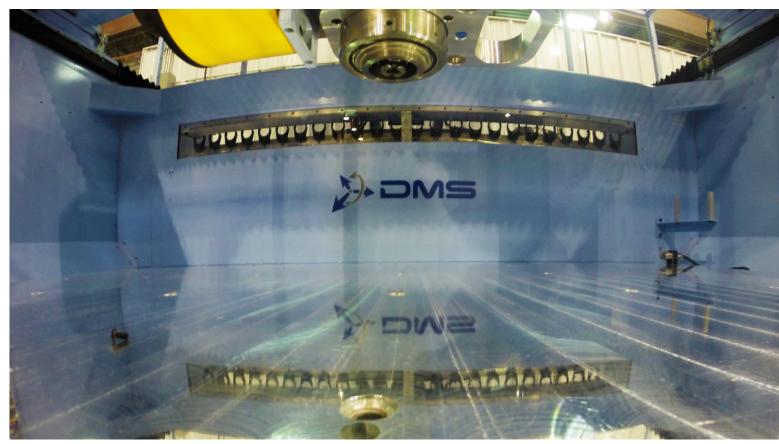
Foam

This 5 -Axis Large Format U -frame Gantry CNC Machine is a continuous -use, heavy duty machine that is feature rich, and can be used to process a wide variety of applications ranging from foam to aluminum. This machine can be manufactured with a universal fixture table, which can perform multiple tasks without requiring the user to stop production. The design of this machine allows for easy loading/unloading of large materials, as the front doors slide open and close. The universal fixture table gives your business the option to improve productivity by reducing downtime between part runs. This machine features an all -steel frame, which is stress relieved and welded in -house to ensure the highest quality. All models have 48" of Z and Fagor controllers.



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Our engineers have over 70 years combined CNC experience, with a proven track record of designing custom CNC solutions. Contact us to discuss your production goals, and our team will create a machine configured to meet your specific needs.

## Customizable Features

Stand Alone Table  
 Available with Up to 72" of Z Stroke  
 Upgrade to 45mm Rails  
 Continuous C Axis Rotation  
 Automatic Tool Changer  
 Tool Height Sensor  
 Barcode Reader  
 Multiple Vacuum Pump Options Available  
 Lubrication – Automatic  
 Table Options: 5'x10' 7'x4' 8'x8' 8'x12', 8'x15', 10'x8', 14'x14', 15'x30

## Standard Features

5-Axis CNC Router  
 Fagor 8065/8070 Power Controller  
 Moving Gantry Design  
 Stress-Relieved Steel Frame  
 12' x 25' Work Space  
 Spinning Ball Nut & Recirculating Ball Screw Assembly  
 Absolute Feedback on All Axes  
 Multiple Spindle Options  
 Hiteco Electrospindle 16hp / 12 kW Standard  
 Dual-Core Windows 10 Processor

## Machine Specs

Z Axis Stroke – 48"  
 X & Y Axes – Laser calibrated  
 C Axis +/- Rotation of 363 Degrees  
 460-480 Volt, 3-Phase Power  
 Lubrication – Manual  
 M04 M-Code for Counter Clockwise Spindle Rotation  
 Compressed Air Requirements  
 10 CFM at 95 PSI



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