

5 AXIS LARGE FORMAT GANTRY



This CNC router is a continuous-use, heavy-duty, large-scale machining center that can be used to process a wide range of applications from light materials such as wood and foam, to composites and ferrous and non-ferrous metals. These routers allow more flexibility and are suitable for complex machining requirements, including particularly large parts in the aerospace and transportation industries. The dual helical rack and pinion drive system provides superior speed and accuracy, while the 30 position, automatic tool rack provides versatility.





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.

Common Materials



Wood



Composites



Aluminum



Plastics



Foam

Standard Features

- Fagor Control System
- Fagor Sercos Drive System
- Absolute Encoders (All Linear Axes)
- Helical Rack and Pinion Y Axis
- Ball Screw Assembly X Axis
- C Axis +/- Rotation of 360 Degrees
- Aluminum Table
- Sealed Electrical Cabinet with A/C
- Stress Relieved Steel Frame

Customizable Features

- Touch Screen Monitor
- Tool Height Sensor
- Bar Code Reader
- Custom Table Configurations
- Custom Workspace Travels
- Multiple Spindle Options
- Automatic Vacuum Valves
- Automatic Tool Changer
- Automatic Lubrication System
- Bridge Bellows

