The 3 axis moving table CNC machining center offers a stationary bridge with moving single or twin tables, and single or multiple spindle options. This router is designed to increase productivity while maintaining an open style machining center for ease of use. The moving table CNC machining center is ideal for a wide range of applications, from light materials such as wood and foam to composites and ferrous and non-ferrous metals.

The twin table configuration allows you to load/unload one side without interrupting the workflow. This can be combined with the quick-change fixture system to ramp up production and increase efficiency.
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 AC Digital Sercos Drives
- Absolute Encoders (All Linear Axes)
- 18” Z Stroke (Customizable)
- Spinning Ball Nut & Recirculating Ball Screw Assembly
- 3 Axis Spindle Dust Hood
- Aluminum Table with Vacuum Plenum
- Stress Relieved Steel Frame

**Customizable Features**
- Bar Code Reader
- Touch Screen Monitor
- Tool Height Sensor
- Multiple Vacuum Pump Options
- Automatic Tool Changer
- Automatic Lubrication System
- Customizable Workspace Travels
- Multiple Spindle Options
- Custom Table Configurations
The DMS 3 axis D3 CNC machining center features a stationary table design with various customization options. Completely assembled using welded steel, this industrial quality router is designed for high production factories. The open style allows for easy loading and unloading of parts, and the table pairs seamlessly with our quick-change fixture system.

The stand-alone operator control station results in a more efficient machine footprint, without sacrificing performance.
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.

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<td>Fagor Control System</td>
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<tr>
<td>Composites</td>
<td>Fagor AC Digital Drives</td>
<td>Touch Screen Monitor</td>
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<td>Aluminum</td>
<td>Absolute Encoders (All Linear Axes)</td>
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<tr>
<td>Plastics</td>
<td>10” &amp; 15” Z Stroke (2 Models)</td>
<td>Multiple Vacuum Pump Options</td>
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<td>Foam</td>
<td>Spinning Ball Nut &amp; Recirculating Ball Screw Assembly</td>
<td>Automatic Tool Changer</td>
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<td></td>
<td>3 Axis Spindle Dust Hood</td>
<td>Automatic Lubrication System</td>
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<td>Phenolic Table with Vacuum Plenum</td>
<td>Customizable Workspace Travels</td>
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<td>Custom Table Configurations</td>
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The 3 axis gantry CNC machining center boasts an all steel frame that is stress relieved and welded in house, this rigid machining center is capable of handling anything from aluminum to foam. The sheer versatility alone makes this one of our most popular models. A rack & pinion design on the Y axis guides this router quickly and accurately through the cutting process. The Fagor Control System, drives, and motors enable this machine to achieve tight tolerances as well as handle a variety of production needs. The Z Axis is customizable of up to 48,” and the table length can be extended to your specification. The capability to add an additional gantry allows you to perform two individual product runs at once and maximize efficiency.
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.

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<td>Tool Height Sensor</td>
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<td>Plastics</td>
<td>18&quot; Z Stroke Standard (Customizable)</td>
<td>Multiple Vacuum Pump Options</td>
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<td>Foam</td>
<td>Spinning Ball Nut &amp;</td>
<td>Automatic Tool Changer</td>
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<td></td>
<td>Recirculating Ball Screw Assembly</td>
<td>Automatic Lubrication</td>
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<td></td>
<td>3 Axis Spindle Dust Hood</td>
<td>Customized Workspace Travels</td>
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<td>Aluminum Table w/ Vacuum Plenum</td>
<td>Multiple Spindle Options</td>
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<td>Stress Relieved Steel Frame</td>
<td>Custom Table Configurations</td>
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The 3 axis enclosed CNC machining center features a contained design and all steel frame, making it ideally suited for high-speed wood or foam machining.

Fabricated at our vertically integrated factory in Colorado Springs, the frame is welded and stress-relieved in house giving us the capability to oversee the process to ensure that our frames are of the highest quality and stability. The rigidity of the machine frame translates into a prolonged life, which makes a DMS CNC router a solid investment.
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.

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<td>Plastics</td>
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<td>Multiple Vacuum Pump Options</td>
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<td>Foam</td>
<td>3 Axis Spindle Dust Hood</td>
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This CNC router is built and designed for maximum production, featuring two separate and independent work areas that allow for nearly 100% uptime in your production cycle. While an operator loads/unloads one side, the machining center continues working on the other. The enclosed design means your workspace stays cleaner, and it improves the conditions for your operators. The helical rack and pinion X axis provides superior speed and accuracy, while the 30 automatic position tool rack provides versatility. This machining center is particularly popular among aerospace producers utilizing composites.
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)
- Spinning Ball Nut
- Recirculating Ball Screw Assembly
- C Axis +/- Rotation of 360 Degrees
- Manual Doors with Safety Interlock
- Aluminum Table
- Center Dividing Wall
- 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
- Bridge Bellows
- Multiple Spindle Options
- Automatic Tool Changer
- Continuous C Axis Rotation
- Automatic Lubrication System
- Quick-Change Fixture
5 AXIS D5E
OVERHEAD GANTRY

This CNC router is a perfect mid-range “Trim Center” style machine 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. This machining center is the ideal choice for companies looking for a high-precision 5 axis CNC router without the large footprint. The 5 axis overhead gantry will help you expand your production capabilities with its efficient, compact design, ideal for dust containment, and its exclusive quick-change fixture system.
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)
- Spinning Ball Nut
- Recirculating Ball Screw Assembly
- C Axis +/- Rotation of 360 Degrees
- Manual Doors with Safety Interlock
- 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
- Multiple Pump Options
- Automatic Tool Changer
- Automatic Lubrication System
- Roof Enclosure
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
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 ferrous and non-ferrous metals. This machining center has the option of sliding doors on both the front and back, allowing for easy loading/unloading of large materials. The universal fixture table improves productivity by reducing downtime between part runs.
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.

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<tr>
<td>Wood</td>
<td>Fagor Control System</td>
<td>Touch Screen Monitors</td>
</tr>
<tr>
<td>Composites</td>
<td>Fagor Sercos Drive System</td>
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<tr>
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<td>Spinning Ball Nut</td>
<td>Custom Table Configurations</td>
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<tr>
<td>Foam</td>
<td>Recirculating Ball Screw Assembly</td>
<td>Custom Workspace Travels</td>
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<td>C Axis +/- Rotation of 360 Degrees</td>
<td>Multiple Spindle Options</td>
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<td>Sealed Electrical Cabinet with A/C</td>
<td>Automatic Vacuum Valves</td>
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<td>Stress-Relieved Steel Frame</td>
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<td>Aluminum Table</td>
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5 AXIS MOVING TABLE

This CNC router is a continuous-use, medium to heavy-duty machining center that can be used to process a large variety of applications, from light materials and foam to composites and ferrous and non-ferrous metals. This machine series is available in a range of sizes and styles to accommodate various production needs. These high-precision machining centers are commonly used for shaping and drilling processes, among others.
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)
- Spinning Ball Nut
- Recirculating Ball Screw Assembly
- 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
- Tooling Packages
- Single or Twin Table
This CNC router is a continuous-use, feature-rich, medium to heavy-duty machining center designed to process a wide variety of applications, from light materials such as wood and foam to composites and ferrous and non-ferrous metals. This machining center offers the safety and precision required by many industries, and its enclosed design is effective at containing debris. Complete in house fabrication and machine assembly assures that each machining center is robust, precise, and high performing.
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)
- Spinning Ball Nut
- Recirculating Ball Screw Assembly
- C Axis +/- Rotation of 360 Degrees
- Aluminum Table
- Sealed Electrical Cabinet with A/C
- Stress Relieved Steel Frame
- Enclosed on All Sides

### 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
- Retractable Roof Enclosure
This hybrid machining center integrates metal additive manufacturing with our proven heavy-duty 3 axis router platform. With its large envelope and non-inert environment, this versatile machining center can provide a number of manufacturing solutions not available from a traditional subtractive machining center.
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**
- Aluminum

**Processes**
- Large Scale 4’x4’x30”
- Low Cost Feedstock
- Fast Deposition, 3-5 lb/hr
- Inert Environment not Required
- True 3D Free Space Additive/Subtractive
- Inter-pass Machining Maintains Tolerance & Quality
- Software Options Support
- Hybrid Machine Operations

**Standard Features**
- Fagor Control System
- Linear Position of all Axes are Laser Calibrated Within .001”
- Heavy Duty Steel Frame
- 4 Sided Safety Enclosure
- Steel Way Cover on Table Axis
- Automatic 12 Position Tool Changer
Our Two³ hybrid machining center, integrates metal additive manufacturing into our proven, heavy duty 3 axis router platform. This unique machine is ideally suited for process development and material characterization, with its large envelope and non-hazardous environment this versatile asset can provide a number of manufacturing solutions not available from a traditional subtractive machine.
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
- Aluminum

Processes
- Large Scale 2’x2’x2’
- Low Cost Feedstock
- Fast Deposition, 3-5 lb/hr
- Inert Environment not Required
- True 3D Free Space Additive/Subtractive
- Inter-pass Machining Maintains Tolerance & Quality
- Software Options Support
- Hybrid Machine Operations

Standard Features
- Fagor Control System
- Linear Position of all Axes are Laser Calibrated Within .001”
- Heavy Duty Steel Frame
- Full Safety Enclosure
- 4 Position Tool Rack
- Compact Footprint
- Frame Fits Through Standard 72x80” Door
This hybrid machining center integrates polymer and composite additive manufacturing into our proven, heavy duty 3 and 5 axis router platform. This unique router is ideally suited for process development and mold making. With its large dual envelope and optional heated chamber, this versatile asset can provide a number of manufacturing solutions not available from a traditional subtractive machine.
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**
- Composites
- Plastics

**Processes**
- Large Scale 5’x5’x4’
- Low Cost Feedstock
- Fast Deposition, up to 150 lb/hr
- True 3D Free Space Additive/Subtractive
- Software Options Support
- Hybrid Machine Operations
- Large Range of Printable Materials
- High Temperature Materials for Molds

**Standard Features**
- Fagor Control System
- Linear Position of all Axes are Laser Calibrated Within .001”
- Heavy Duty Steel Frame
- Full Safety Enclosure
- 8 Position Tool Rack