



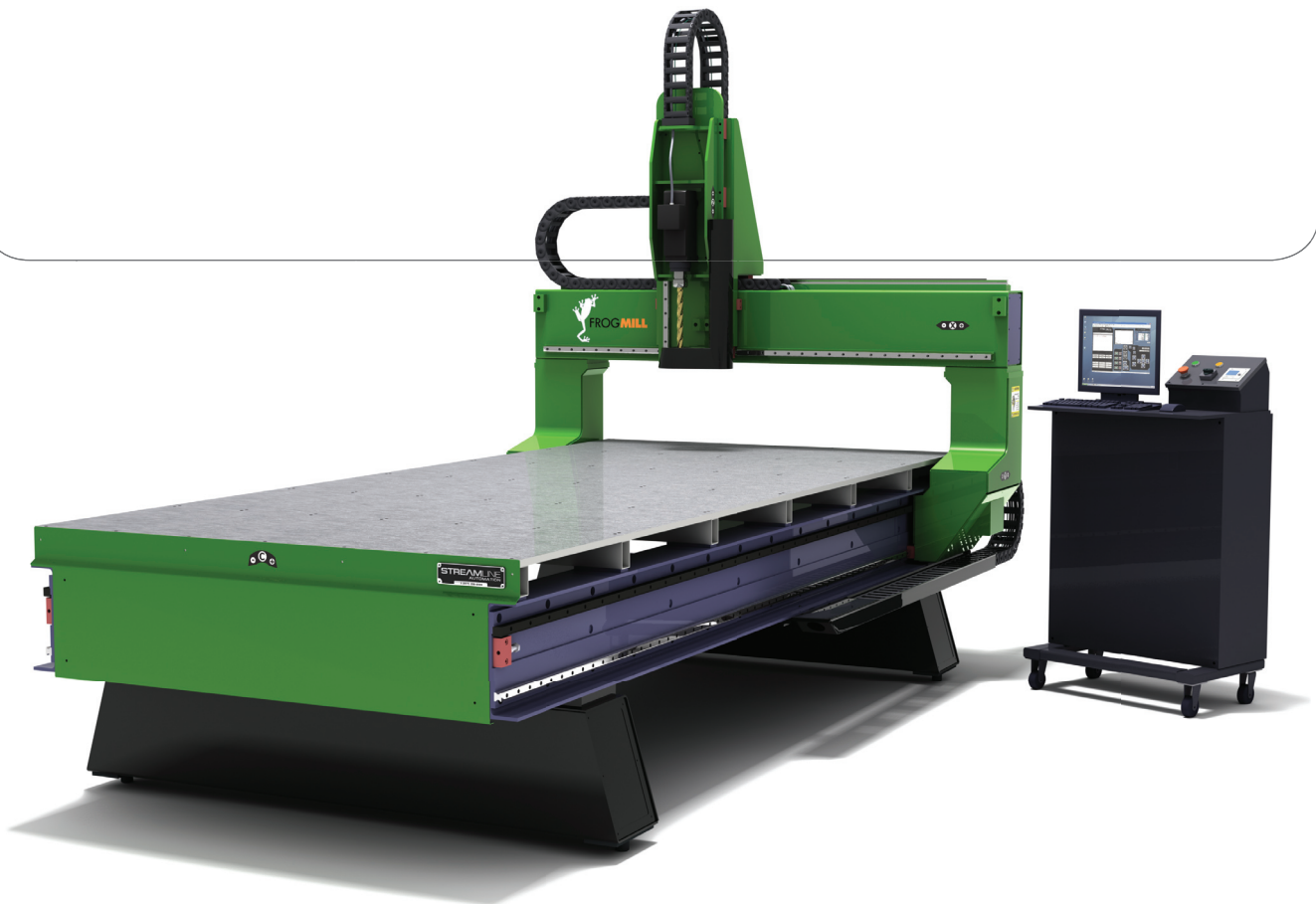
FROGMILL™

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LET FROGMILL™ TAKE YOU BEYOND THE ORDINARY

FROGMILL™ is the industry's most powerful CNC foam carving router, giving you capabilities impossible with traditional processes or lesser machines. Combining top of the line features, industrial strength and unequalled quality, FROGMILL™ lets you create stunning sculptural enlargements, intricate architectural foam features and detailed precast concrete molds. FROGMILL™ can take your projects to new creative heights.





LET FROGMILL™ GIVE YOU...

- **Expanded product lines and markets** – By replacing onerous manual processes with an automated solution, you can turn your imagination into reality. Create larger and more intricate pieces than ever before.
- **Improved end products** – Thanks to FROGMILL™'s precision engineering, you can create end products that set standards for detail and quality – giving you seriously happy customers.
- **Improved efficiencies** – FROGMILL™ takes efficient and accurate foam carving to levels unheard of with other equipment, letting you ramp up productivity, improve customer turnaround times and boost profits.



KEY FEATURES

- **Steel frame construction** – Precision engineered, heavy-duty steel construction provides the strength and rigidity needed to eliminate vibration and maintain accurate tolerances.
- **AC Servo motors with direct drive** – FROGMILL™'s high quality industrial motors provide traverse speeds of 1,200 inches per minute along with hassle-free durability.
- **Extended Z Axis** – An impressive 28 inch stroke and 16.5 inch under gantry clearance puts FROGMILL™ in a class of its own, allowing thicker cuts on larger blocks of material.
- **FROGMILL™ Interface Software** – FROGMILL™'s control centre runs easy to use Windows-based software as the interface between the operator and FROGMILL™. A user-friendly interface makes machining possible with little or no experience.
- **Remote machine control** – FROGMILL™'s hand held joystick pendant puts full control at your fingertips.
- **Large object scanning** – Mount FROGScan™ onto FROGMILL™ for scanning larger models.
- **FROGMILL™ options** – Add a 4th Axis, an automatic tool changer and a vacuum table for even more benefits.
- **End-to-end automation** – FROGMILL™ has been designed to work seamlessly with all other FROG3D™ components, eliminating the hassles that come with non-integrated components.
- **Comprehensive training and technical support** – Streamline backs up each of our products with second-to-none training programs and technical support.



SPECIFICATIONS

| | METRIC | STANDARD |
|------------------------------|--|------------|
| Overall Length | 3810 mm | 150" |
| Overall Width | 2425 mm | 95.375" |
| Table Height | 2355 mm | 92.75" |
| Process Area Length | 3050 mm | 120" |
| Process Area Width | 1828 mm | 72" |
| Z-Axis Stroke | 711 mm | 28" |
| Under Gantry Clearance | 419 mm | 16.5" |
| Total Weight | 2040 Kg | 4500 lbs |
| Maximum Cutting Speed | 423 mm/s | 1000 IPM |
| Maximum Rapid Traverse Speed | 508 mm/s | 1200 IPM |
| Accuracy | 0.025 mm | 0.001" |
| Repeatability | +/- 0.05 mm | +/- 0.002" |
| Motors | AC Servo with Planetary Gearbox Direct Drive | |
| Motion | Rack & pinion on all axes | |
| Network | TCP/IP, 10Base2 or 10BaseT | |