

Freedom Machine Tool Orthorout System



Orthorout System

Orthorout Premium 4' x 4' (pictured)

Orthorout Systems are designed to process functional orthotics (hard plastic), all types of EVA foam orthotics and for cutting foot positives from MDF & high-density foam. Heavy duty steel construction handles the demands of functional orthotic machining & 24/7 production. The Orthorout is easy to use, does not require specialized staff and fits into clinical and industrial environments.

Product Details

Important Features

- Secure materials quickly on the Ortho Table
- Process both sides of functional orthotics easily and accurately with the Flip Fixture
- Select up to 5 tools automatically during the process with the 5 HP Automatic Tool Changer
- Simple Fagor 8037 user interface makes loading and running cutting files easy
- Orthorout Cutters have been designed & tested for optimum part quality

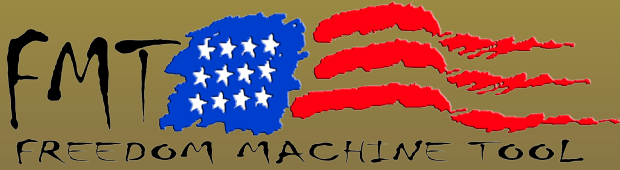
Partners, Setup & Training

- As a Partner Solution Open System Company, we work with talented developers that produce scanning and processing software. Our system uses a standard cutting file format so all software programs can output to our products.
- Authorized Orthorout System Technicians will provide on-site setup and training, overlapping one day with our software partner to ensure a seamless integration. By the end of the training program, Orthorout users are making orthotics.

Freedom Machine Tool

1068 Elkton Drive Colorado Springs, CO 80907
Phone: 888.436.8768 | Fax: 719.226.9810

www.freedomcnc.com/orthorout



Orthorout System Packages & Pricing

	Orthorout Basic Great for single tool machining processes, including foot positives and EVA orthotics		Orthorout Premium Great for all processes, including hard plastic functional and EVA orthotics, foot positives, etc.	
	ORTHOROUT 4' X 4' \$34,870	ORTHOROUT 4' X 8' \$37,170	ORTHOROUT 4' X 4' \$50,095	ORTHOROUT 4' X 8' \$53,335
System Features:				
Welded steel base & bridge construction	✓	✓	✓	✓
Fagor Drive System with Absolute Encoders	✓	✓	✓	✓
Fagor 8037 user interface with color LCD screen	✓	✓	✓	✓
Orthorout Cutters: 1-.5" Functional Ball, 1-.5" Functional Taper, 1-.5" EVA Burr	✓	✓	✓	✓
USB memory stick port for loading cutting files into the Orthorout System	✓	✓	✓	✓
Ethernet card for network connection			✓	✓
5 HP wrench type routing spindle; tools are changed manually; one tool per process	✓	✓		
5 HP Automatic Tool Changer; select up to 5 tools automatically during the process; complete with tool rack, tool holders and tool tightening fixture			✓	✓
Tool height sensor to automatically set tool lengths	✓	✓	✓	✓
Phenolic table machined flat with steel-thread insert pattern for using clamps to secure process materials	✓	✓		
Phenolic Ortho Table with mounting hardware for flip fixture, and multi-port vacuum grid to easily secure process material using vacuum			✓	✓
5 HP vacuum pump			✓	✓
Flip Fixture for easy flip over processing of hard plastic, functional orthotics			✓	✓
Dust collection system, including dust hood, 2HP dust collector, and complete piping package	✓	✓	✓	✓
3-day setup and training at customer site, including travel and expenses	✓	✓	✓	✓

Note: Other configurations available, including a 3-spindle model