



# 3axis Carver

Milling Machine for P&O



VORUM

Carve Wide Range of P&O Shapes  
Cost Effective | Reuse Carving Blocks  
Safe | Carving Area Enclosed  
Long Term Reliable Performance



 **VORUM**

[www.vorum.com](http://www.vorum.com)

**Vorum's 3 Axis Carver** has the ability to carve a wide range of prosthetic and orthotic shapes quickly. The machine is designed to handle industry standard, environmentally safe polyurethane foam blanks. It can handle sizes ranging from small upper extremity shapes, to very large spinal shapes. With its large capacity, accuracy and high speed capabilities, production time will be reduced to a minimum. With unparalleled reliability, you can expect little to no down time.

**Reliable**

With any carving machine, safety is of the utmost importance. The **3 Axis Carver** has an automatic locking mechanism which keeps the main access door closed until the carver has stopped operating. The carving area is fully enclosed. All of the sensitive components are protected from dust and waste material, reducing the occurrence of machine malfunction. Simply load in the specified carving blank, and it will be automatically positioned and carved. The end product will be exactly as you want it, in less time than you ever thought possible.

**Safe**

**Canfit Visual CAM** works in conjunction with the carver. It is easy to operate; you can save your work, reuse carving blocks and carve any shape you want. Once the carving block has been selected Visual CAM creates a carve file. You can save the carved block information and add it to a list of previously carved blocks. Save time and money by carving multiple shapes on a single block.



**Reuse Blocks**

## Features

**Save Money**

**Spindle Motor:** 1.5HP, 3400 RPM, Software Controlled On/Off Switch, virtually unlimited material removal capacity.

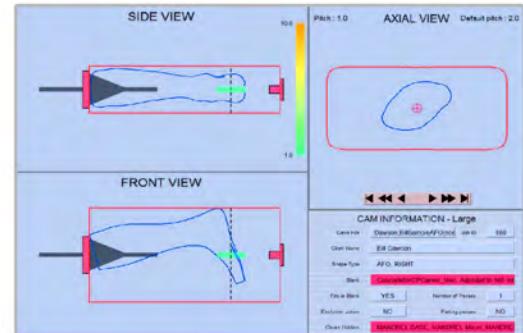
**Control Motors:** Servo Motors using high performance amplifiers for high positioning accuracy and smooth movements; Servo motor controller providing simultaneous 3-axis control.

**Guides:** Precision ball screws providing high accuracy and low backlash. All sensitive areas shielded from carving.

**Positioning:** All 3 axes have absolute reference control for accurate repositioning.

**Control Software:** On board software for interactive carver control, dynamic feed rate adjustments, software spindle on/off control, carver calibration, carve file queuing and selection.

**Safety:** Fully enclosed, complete with door interlocks for operator safety.



## Specifications



**Size** 226 cm (89") Length x 183 cm (72") Depth x 153 cm (60") Height

**Weight** 360 kg (800 lbs)

**Space Requirements:** Length      Depth      Height

Closed:                    226 cm (89") 183 cm (72") 153 cm (60")

With side door open: 287 cm (113") 183 cm (72") 153 cm (60")

With vacuum:             340 cm (134") 183 cm (72") 153 cm (60")

With cover open:          226 cm (89") 183 cm (72") 224 cm (88")

**Power Supply** 1 x 220V, 30A, 50Hz Europe/60Hz North America, single-phase circuit required.

Configurable for international power supply requirements; conforms to European (CE) directives as well as US and Canadian standards.

**VisualCAM Requirements:** Windows XP Pro or Vista Business, 2GB RAM, 80GB HD, Triple/Quad Core Processor, nVidia GeForce or ATI Radeon graphics card, 1024x768 or greater resolution, Mouse, Keyboard