

# Provel

## State of the art O&P automation

### Provel C7™ Carver

The Provel C7 is a fully automated 3 axis CNC servo carving machine designed to quickly and accurately cut models for sockets, AFO's and TLSO's. Reliable, fast, and easy to use.

A transtibial socket model takes about 3 minutes to carve with an accuracy of .010" (.25 mm). Simply create an AOP, OBJ, or STL file, send it to the carver with Provel Carve, and press Start. Embedded microprocessor does not require a dedicated computer. Isolated carve chamber with differential pressure system prevents dust from being drawn into the linear bearings and the ball nuts ensuring long life. The C7 is very quiet because it does not require conventional dust collection equipment. The vertical design requires less floor space than any other carver on the market and will fit thru a standard doorway. Indexable mandrel. Cutter operation can only occur when the door is closed. Suitable for clinics of all sizes including central fabs.

### Specifications

Capacity	Ø 22 x 33"
Size	27 x 49.5 x 79"
Weight	520 lbs
Power	115 VAC 10A, 50/60 Hz
Cutters	Ø 18mm x 8.5" solid carbide Optional: Ø 18mm x 11" solid carbide
Mandrel	Ø 1.56 x 6", plus 10" extension
Spindle Speed	3,000 RPM
Serial Interface	RS-232, USB converter included
Auto Calibration	.0005" (.01 mm) accuracy
Filters	Inlet, Exhaust
Waste Bin	45 gallon capacity

### Warranty

Provel products are warranted to be free of defects in material and manufacturing for a period of 1 year.

### Provel Inc

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