

# Model 77



# MODEL 77

## Large-Scale 5-Axis Machining

Thermwood is the industry leader in advanced multi-axis machining. The Model 77 is a heavy duty large contained system for machining large Aerospace and Composite materials.



**Model 77**  
10' x 20'

The **Model 77** is a robust, moving-gantry 5-axis CNC router engineered for high-performance three dimensional machining applications.

**High Wall System:** This stationary table high wall machine was designed using advanced 3D software utilizing Finite Element Analysis.

**Extra-Large Capacity:** Offers a range of oversized table options and extended Z-axis travel to support large molds, patterns, and composite components.

**Precision Control:** Powered by Thermwood SuperControl with 3D laser compensation to assure the most accurate absolute positioning and repeatability in demanding 5-axis machining operations.

## Model 77

### Standard Features

#### Machine Head

- 12 HP (9kw) Spindle (3,000-24,000 RPM)
- Impact Resistant Head
- Automatic Tool Changer
- 24" (600mm) Vertical Z Axis  
(Available up to 60" (1500mm))

#### Fixed Aluminum Table Sizes Option:

- 5' x 10' (1.5m x 3.0m)
- 10' x 10' (3.0m x 3.0m)
- (Table extensions may be added up to total of 60' (18m))

#### Control System

- Ultra 6 SuperControl is a feature rich, high performance CNC control system.
- Intelligent Servo Drives Throughout
- 3D Laser Compensated Axis Alignment

#### Service

- Training and Installation included
- Free Lifetime Phone support



MADE IN USA

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