

## Wolverine's New Large-Scale Machining Center

Wolverine Industries is pleased to introduce its latest Five (5) Axis Fooke machining center:

- Capable of machining parts 41 meters long (134.5 ft) X 4.1 meters wide (13.5 ft) X 1.9 meters high (6.2 ft).

This new machining center will expand the already existing large-scale manufacturing capability:

- Extrusion Mill Division – Multiple Extrusion Presses: 1800 MT 7" / 2500 MT 9" – 6000 series alloys
- Friction Stir Welding – Panel Welder, Maximum Panel Size: 16.7 meters long (55 ft) and 4.4 meters wide (14.5 ft)



*New Machining Center*



*Friction Stir Welding*



*Custom Extrusions*

## Fooke 5-Axis Machining Center Specifications

**Category:** Mills, Vertical, Traveling Gantry Type, CNC

**Manufacturer:** Fooke / **Model:** Endura / **Year:** 1997

### Machine Specifications

- X - Gantry Travel: 1614.17 in. (41000 mm)
- Y - Saddle Travel: 161.42 in. (4100 mm)
  - Distance Between Columns: 216.54 in. (5500 mm)
- Z - Spindle Travel: 62.99 in. (1600 mm)
  - Distance from Spindle to Floor: 76.77 in. (1950 mm)
- W - Cross Rail Travel: Fixed Cross Rail
- Rapid Travel Speed: 1574.80 in./min (40.0 m/min)

**Control Manufacturer and Model:** New Fanuc 16imb

- Retrofitted 2020

### • Machine Spindle:

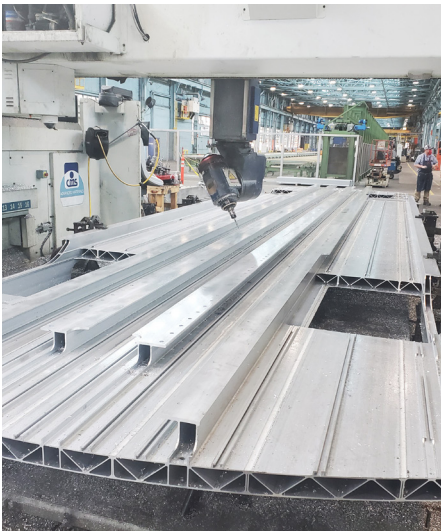
- Rotation: C-Axis 360 Degrees / Inclination: A-Axis +/- 100 Degrees
- Spindle Speed: 100 - 16000 Rpm / Power: 56.00 Hp (42.00 kw)
- Spindle Drawbar: Power Pull Stud Tool Changer / Taper: HSK 100
- Tool Changer: 16 Stations / Spindle Coolant



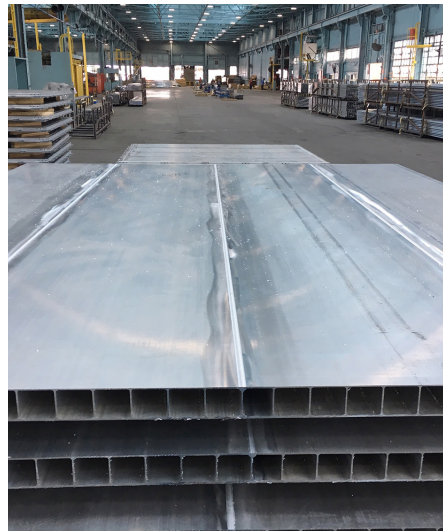
# Wolverine's Large Scale Machining & Fabrication Experience



*Wolverine Vertically Integrated Aluminum Factory*



*Precision Machining of All Metals*



*FSW Multi-Hollow Fabricated Deck*



*FSW Dual Head Panel Welder*

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