KEY FEATURES

• **Productivity**
  - Fast index time reduces overall weld cycle time
  - Multiple robot configurations

• **Functionality**
  - Quick installation – robot and positioner on unitized base
  - Cost efficient pneumatic main sweep design

• **Reliability**
  - Pre-engineered, proven design
  - Single source responsibility
  - 24-hour support service

• **Flexibility**
  - Able to accommodate large tool lengths and high weight capacity
  - Easily configured to meet application requirements

The Versa 3M3 pneumatic three-axis turntable system can handle high-volume production of parts that require repositioning during the weld cycle.

**Base Positioner Configuration**
- Main axis - pneumatically driven
- Main sweep index time: 3.0 to 4.0 seconds
- Tool length: 60-inches (1524-mm)
- Tool swing diameter: 40-inches (1016-mm)
- Weight capacity: 750-lbs (340-kg)

**Base Component Configuration**
- FANUC ArcMate 100iC or Panasonic TA-1400 G3
- Lincoln i400 or Miller Auto Axcess 300
- Tregaskiss, Binzel or TBI air-cooled through arm torch
- Genesis torch alignment package
- Safety package (includes light curtains, gate interlock and barriers)
- Genesis Allen-Bradley controls package with L1 processor
- Rotary ground
Standard Dimensional Specifications

- Tool length **TL**: 60-inches (1524-mm) to 67-inches (1701-mm)
- Tool swing diameter **SD**: 40-inches (1016-mm)
- Load height **LH**: 40-inches (1016-mm)
- Cell width **CW**: 118-inches (2997-mm) to 125-inches (3175-mm)
- Cell depth **CD**: 200-inches (5080-mm) to 207-inches (5257-mm)
- Cell height **CH**: 85-inches (2159-mm)

Standard Capacity Specifications

- Weight capacity: 750-lbs (340-kg) to 1,500-lbs (680-kg)
- Engineering specifications for 750-lbs to 1,500-lbs weight capacity per station
  - Gearbox rated torque 1617Nm
  - Gearbox ratio 161:1
  - Gearbox maximum moment 2940Nm
  - Motor maximum RPM 4,000
  - Motor torque output 12Nm
  - Nominal acceleration .5 seconds
  - Allowable tool out of balance torque 250Nm
  - 180-degree index time 2.0 seconds

Standard Platform Options

- Tool length 67-inches
- Heavy base (1,500-lbs per station)
- Exposed power track cable carrier system
- Smoke hood and extraction system
- Off-line programming
- LaunchIT or standard installation
- Training programs (basic, advanced, maintenance, off-line, CRAW)
- Intelligence Center™

Standard Component Options

- Robot models: FANUC, Panasonic, Motoman
- Process gear: Miller, Lincoln, Fronius, Thermadyne, Hypertherm
- Welding torches: Tregaskiss, Binzel, TBi, Fronius
- Torch cleaners: Tregaskiss, Binzel, TBi
- Controls: PanelView 1000+ Compact

Real time status, alarms, historical trends, critical parameters and automatic backup of your workcell anywhere, anytime.