KEY FEATURES

Productivity
- Reduces downtime during fixture changeover
- Multiple robot configurations
- Multiple part numbers can run simultaneously

Functionality
- Quick installation – robot and positioner on unitized base
- High utilization of robot work envelope

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

Flexibility
- Able to accommodate large tool lengths and swing diameters
- Robot transporter optional for increased work envelope
- Easily configured to meet application requirements

The Versa 2 is a two-station system designed for low to medium part volumes and high change over applications.

Base Positioner Configuration
- Minor axis – dual servo driven trunnions
  - Tool length: 96-inches (2438-mm)
  - Tool swing diameter: 54-inches (1371-mm)
  - Weight capacity: 2,000-lbs (907-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

INNOVATION AND EXPERIENCE FROM YOUR SINGLE SOURCE
**Standard Dimensional Specifications**

- **Tool length (TL)**: 96-inches (2438-mm) to 120-inches (3048-mm)
- **Tool swing diameter (SD)**: 54-inches (1371-mm) to 60-inches (1524-mm)
- **Load height (LH)**: 36-inches (914-mm)
- **Cell width (CW)**: 215-inches (5460-mm) to 250-inches (6350-mm)
- **Cell depth (CD)**: 195-inches (4978-mm) to 230-inches (5842-mm)
- **Cell height (CH)**: 92-inches (2336-mm)

**Standard Capacity Specifications**

- **Weight capacity**: 2,000-lbs (907-kg) to 3,000-lbs (1360-kg)
- **Engineering specifications for 2,000-lbs 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
- **Engineering specifications for 3,000-lbs capacity per station**
  - Gearbox rated torque 4704Nm
  - Gearbox ratio 141:1
  - Gearbox maximum moment 6174Nm
  - Motor maximum RPM 4,000
  - Motor torque output 18Nm
  - Nominal acceleration .5 seconds
  - Allowable tool out of balance torque 425Nm
  - 180-degree index time 2.0 seconds

**Standard Platform Options**

- Tool length 120-inches
- Tool swing diameter 60-inches
- 3.0-meter RTU (robot transporter unit)
- Drop center positioner
- Exposed power track cable carrier
- Pneumatic flip curtain (flash guarding)
- Vertical pneumatic curtain (flash guarding)
- 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

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**VERSA2**

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