**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 servo main sweep design

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

- **Flexibility**
  - Able to accommodate large table diameter and high weight capacity
  - Easily configured to meet application requirements

**Base Positioner Configuration**

- Main axis - servo driven
- Main sweep index time: 3.0 – 4.0 seconds
- Table diameter: 1.0-meters (39-inches)
- Weight capacity: 225-kilograms (496-lbs)

**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

*The GenS XT servo-driven flat turntable system can handle high volume production parts that do not require repositioning during the weld cycle.*
Standard Dimensional Specifications

Table diameter **TD**
- 1.0-meters (39-inches) to 3.5-meters (137-inches)

Table height **TH**
- .66-meters (26-inches)

Cell width **CW**
- 3870-mm (152-inches) to 5870-mm (231-inches)

Cell depth **CD**
- 3150-mm (124-inches) to 5650-mm (222-inches)

Cell height **CH**
- 2545-mm (100-inches)

Standard Capacity Specifications

Weight capacity
- 225-kilograms (496-lbs) to 900-kilograms (1,984-lbs)

Engineering specifications for 225-kilograms to 900-kilograms capacity per station
- Out of balance – Station A to Station B 200-kilograms
- 180-degree index time under 4.0 seconds

Standard Platform Options

Table diameter 1.5-meters, 2.0-meters, 2.5-meters, 3.0-meters, 3.5-meters

Weight capacity 550-kilograms, 900-kilograms

Robot bridge (configured for one to three robots)

Three-station configuration (with ground brush)

Four-station configuration (with ground brush)

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.