KEY FEATURES

- **Productivity**
  - Fast index time reduces overall weld cycle time
  - Multiple robot configurations
  - Design allows automated unload of parts from weld station

- **Functionality**
  - Quick installation – robot and positioner on unitized base
  - Cost efficient servo main sweep design
  - High utilization of robot work envelope with center robot design
  - Safer robot programming with center mount robot
  - Center robot design reduces required floor space

- **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

The GenS XTC servo-driven center mount robot design maximizes the utilization of the robot work envelope placing the robot in the center of the flat turntable and closer to the workpiece.

**Base Positioner Configuration**
- Main axis - servo driven
- Main sweep index time: 4.5 to 5.0 seconds
- Table diameter: 2.0-meters (78-inches)
- Weight capacity: 1,250-kilograms (2,755-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

INNOVATION AND EXPERIENCE FROM YOUR SINGLE SOURCE
Standard Dimensional Specifications

Table diameter TD
2.0-meters (78-inches) to 3.0-meters (118-inches)

Table height TH
839-mm (33-inches)

Cell width CW
3640-mm (143-inches) to 4640-mm (182-inches)

Cell depth CD
3759-mm (148-inches) to 4759-mm (187-inches)

Cell height CH
2451-mm (96-inches)

Standard Capacity Specifications

Weight capacity
1,250-kilograms (2,755-lbs)

Engineering specifications for 1,250-kilograms capacity per station
Out of balance – Station A to Station B 1,125-kilograms
180-degree index time under 5.0 seconds

Standard Platform Options

Table diameter 2.5-meters, 3.0-meters
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.