



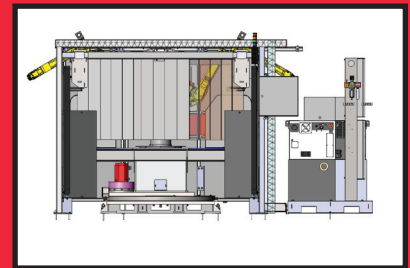
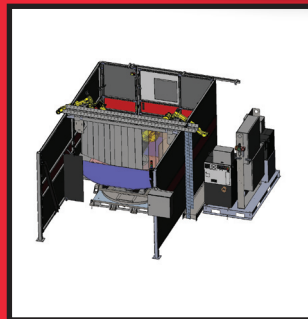
# GenS XTC



## 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.*

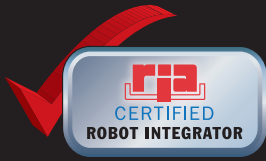


### Base Positioner Configuration

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 Axxess 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



# GenS XTC

## 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

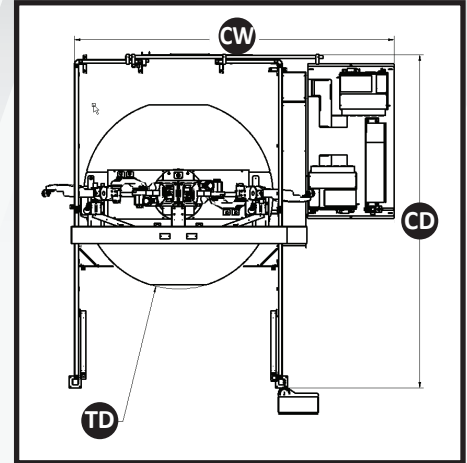
## Standard Platform Options

- 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™

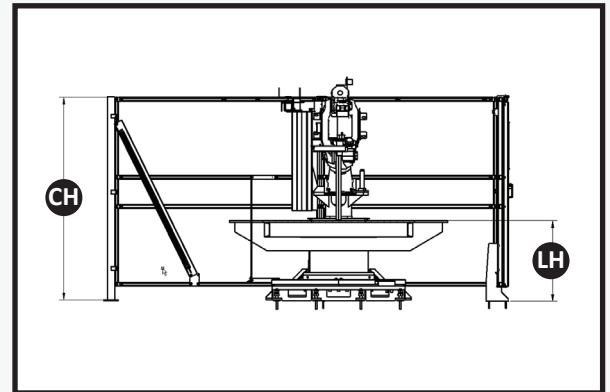
## Standard Component Options

- 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

## TOP VIEW



## SIDE VIEW



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