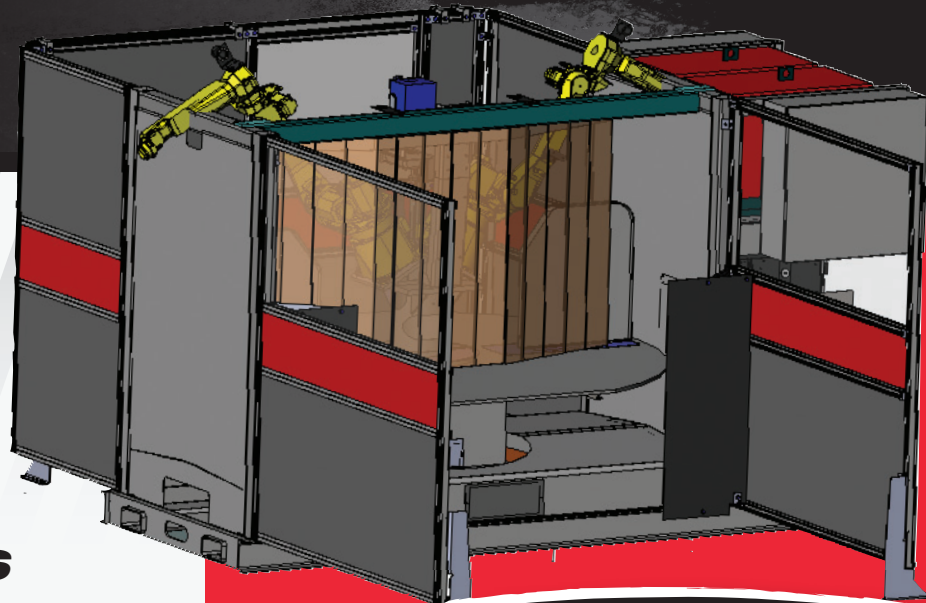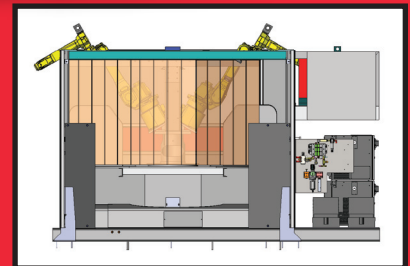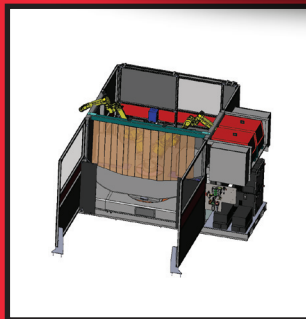# Genesis® VERSA RCTL

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 pneumatic main sweep design
  - High utilization of robot work envelope
  - Safer robot programming with center mount robot
  - Reduces required floor space

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

- **Flexibility**
  - Able to accommodate large table diameter
  - Low table design with adjustable load height
  - Easily configured to meet application requirements

The Versa RCTL 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.
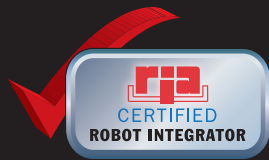

Base Positioner Configuration

Main axis - pneumatically driven

Main sweep index time	4.0 to 5.0 seconds
Table diameter	95-inches (2413-mm)
Weight capacity	1,500-lbs (680-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

INNOVATION AND EXPERIENCE FROM YOUR SINGLE SOURCE

VERSA RCTL

Standard Dimensional Specifications

Table diameter TD
 95-inches (2413-mm)
Table height TH
 20-inches (508-mm)
Cell width CW
 175-inches (4445-mm)
Cell depth CD
 175-inches (4445-mm)
Cell height CH
 103-inches (2616-mm)

Standard Capacity Specifications

Weight capacity
 1,500-lbs (680-kg)
Engineering specifications for 1,500-lbs capacity per station
 Out of balance – Station A to Station B 200-lbs
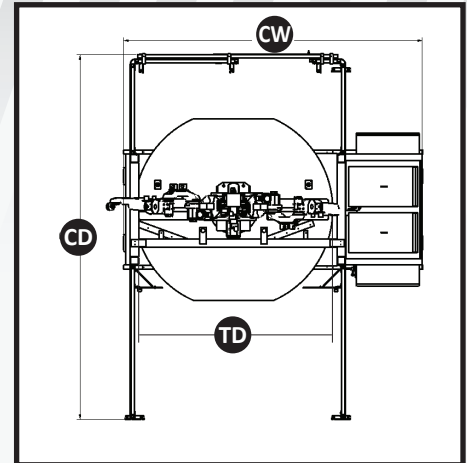 180-degree index time under 5.0 seconds

Standard Platform Options

Table and robot riser (13-inches)
Smoke hood and extraction system
Off-line programming
LaunchIT or standard installation
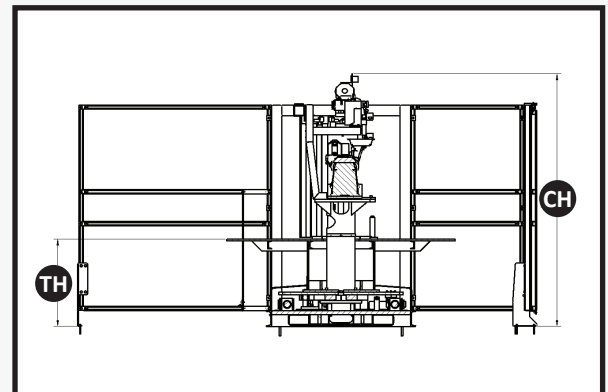Training programs (basic, advanced, maintenance, off-line, CRAW)
Intelligence Center™

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

intelligence CENTER™ iCReady

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

Genesis® Systems Group, LLC