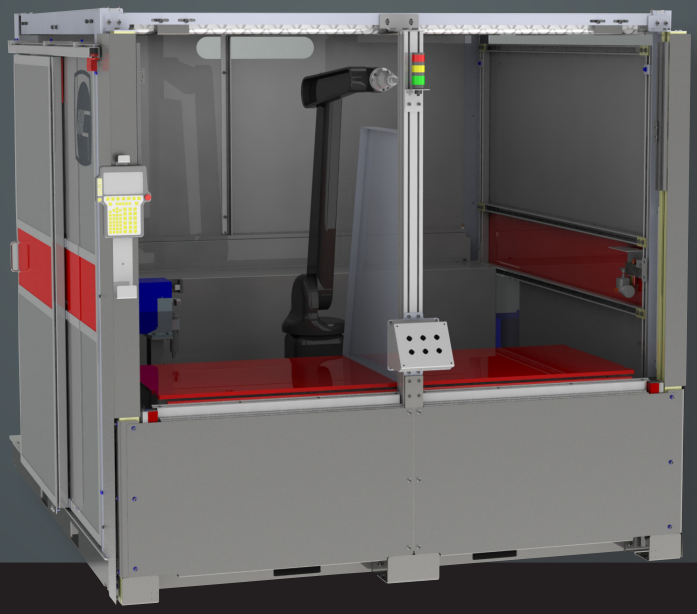
Genesis® Systems

IPG PHOTONICS COMPANY



CRZ FT

Pre-Engineered Robotic Welding Solutions

For Welding Small Parts in a Compact Space

CRZ FT Weight Capacity:

1,000-lbs (per station) Single or Two Station Table Configuration
1,650-lbs Single Station Trunnion Configuration
600-lbs (per station) Two Station Trunnion Configuration

Reduce Weld Cycle Time with Compact Multiple Work Cell Configuration

The Genesis CRZ FT pre-engineered robotic welding work cell features a slim, side-by-side dual station or single station configuration for welding and positioning small to medium parts.

- ☑ Available in a side-by-side 2 station or single station configuration
- ☑ Trunnion option for part positioning
- ☑ LifeGUARD door reduces required floor space and operator walk distances
- ☑ Reduces downtime during fixture changeover
- ☑ Independent stations reduce weld cycle time
- ☑ Configurable for multiple in-line system layouts
- ☑ Common base for robot / positioner / control pallet / fence

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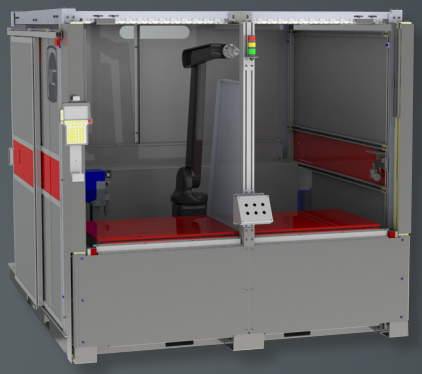
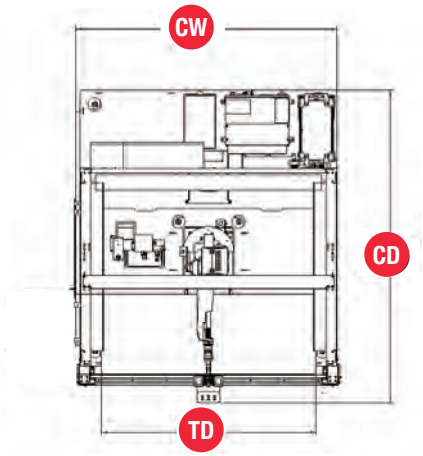
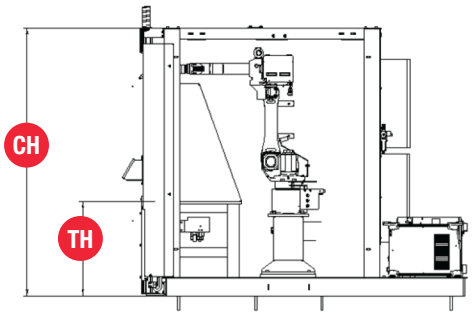
CRZ FT



TOP VIEW



SIDE VIEW



Standard Dimensional Specifications

- **TD Table Dimensions:**
  Single station 30-inches (762-mm) x 80-inches (2032-mm)
  Two stations 30-inches (762-mm) x 40-inches (1016-mm)
- **TH Table Height:** 32-inches (812-mm)
- **CW Cell Width:** 99-inches (2515-mm)
- **CD Cell Depth:** 111-inches (2820-mm)
- **CH Cell Height:** 91-inches (2311-mm)

Standard Component Options

Robot models: FANUC, Panasonic, Yaskawa Motoman, ABB

Process gear: Miller, Lincoln, Fronius

Welding torches: TBi, Tregaskiss, Abicor Binzel, Fronius

Torch cleaners: TBi, Tregaskiss, Abicor Binzel

Controls: Allen-Bradley

Platform Specifications

	BASE	OPTIONAL
Table dimension	Single station 30-inches (.76-meters) x 80-inches (.20-meters) Two stations 30-inches (.76-meters) x 40-inches (.10-meters)	Single station trunnion (64-inch tool length, 39-inch tool swing diameter, 1,650 lbs weight capacity) Two station trunnion (32-inch tool length, 39-inch tool swing diameter, 600 lbs weight capacity)
Load Height	32-inches (.81-meters)	
Weight capacity	1,000-lbs (454-kg)	

PRODUCTIVITY.
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