

GenS FWS

Pre-Engineered Robotic Welding Solutions

For Welding Medium to High-Volume Production Parts That Require Repositioning

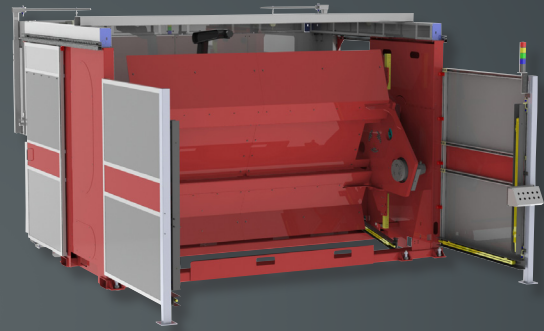
GenS FWS Weight Capacity: 600 kg (per station)

Maximum Flexibility in a Slim Design

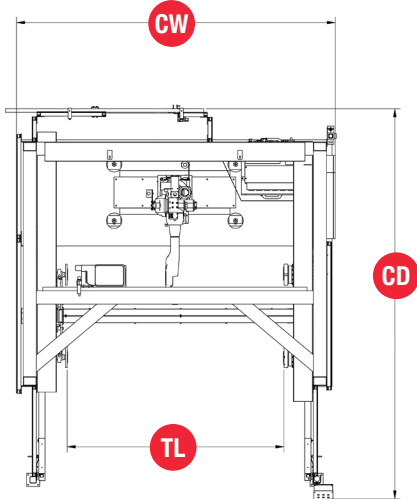
The Genesis GenS FWS pre-engineered robotic welding work cell solutions feature a servo-driven Ferris wheel positioner with robot(s) mounted behind positioner.

- ✓ Servo-driven Ferris wheel system with robot(s) mounted behind positioner
- ✓ Allows for multiple in-line system layout – progressive processing application
- ✓ Fast index times reduce cycle time
- ✓ Slim design reduces required floor space
- ✓ Configurable to meet application-specific requirements
- ✓ Common base for robot / positioner / control pallet / fence

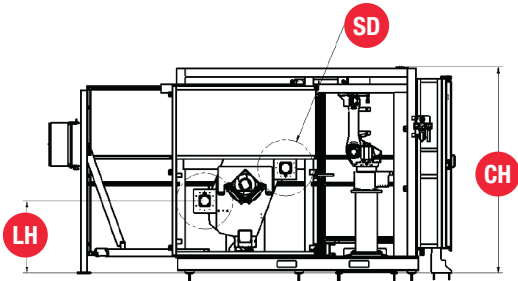
GenS FWS



TOP VIEW



SIDE VIEW



Standard Dimensional Specifications

- TL Tool Length:** 1.5-meters (59-inches)
- SD Tool Swing Diameter:** 1.0-meters (39-inches)
- LH Load Height:** .86-meters (34-inches)
- CW Cell Width:** 2913-mm (115-inches)
- CD Cell Depth:** 4360-mm (172-inches)
- CH Cell Height:** 2514-mm (99-inches)

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
Main axis	servo driven	
Main sweep index time	3.0 to 4.0 seconds	
Minor axis	dual servo driven trunnions	
Tool length	1.5-meters (59-inches)	2.0-meters (78-inches) 2.5-meters (98-inches)
Tool swing diameter	1.0-meters (39-inches)	
Weight capacity	600-kilograms (1,322-lbs)	1,000-kilograms (2,204-lbs)