

## GenS FW

### Pre-Engineered Robotic Welding Solutions

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

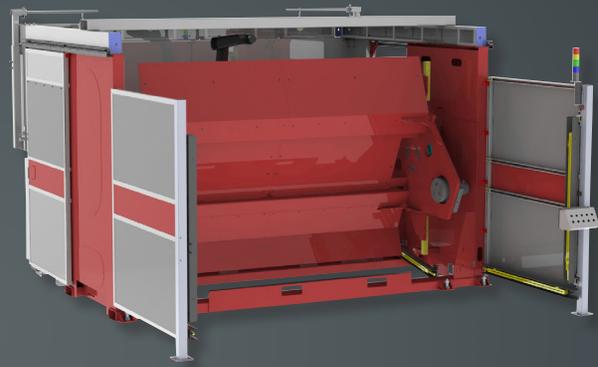
**GenS FW Weight Capacity: 1,000-kg (per station)**

#### Maximum Flexibility in a Slim Design

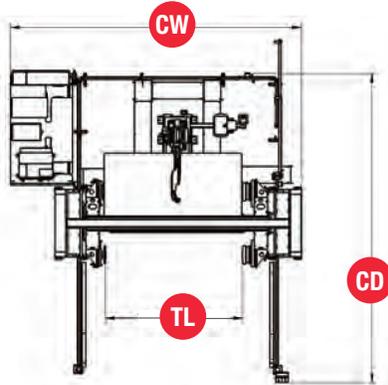
Able to accommodate longer tool lengths, the Genesis GenS FW pre-engineered robotic welding work cell solution features a servo-driven Ferris wheel positioner with robot(s) mounted behind the positioner.

- ✓ 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
- ✓ Able to accommodate large tool lengths, swing diameters and high weight capacity
- ✓ Configurable to meet application-specific requirements

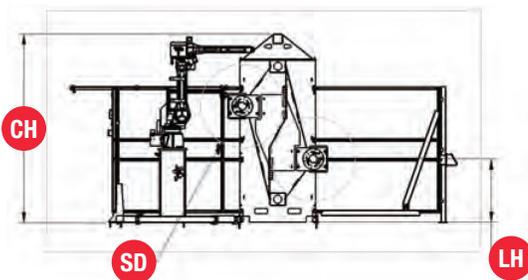
# GenS FW



## TOP VIEW



## SIDE VIEW



## Standard Dimensional Specifications

- TL Tool Length:** 2.5-meters (98-inches)
- SD Tool Swing Diameter:** 1.25-meters (49-inches)
- LH Load Height:** 1.0-meter (39-inches)
- CW Cell Width:** 4339-mm (171-inches)
- CD Cell Depth:** 5515-mm (218-inches)
- CH Cell Height:** 2972-mm (117-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
<b>Main axis</b>	servo driven	
<b>Main sweep index time</b>	3.0 to 4.5 seconds	
<b>Minor axis</b>	dual servo driven trunnions	
<b>Tool length</b>	2.5-meters (98-inches)	3.0-meters (118-inches) 3.5-meters (137-inches)
<b>Tool swing diameter</b>	1.25-meters (49-inches)	
<b>Weight capacity</b>	1,000-kilograms (2,204-lbs)	1500-kilograms (3,306-lbs)