



GenS 3X

Pre-Engineered Robotic Welding Solutions

For Welding High-Volume Production Parts That Require Repositioning

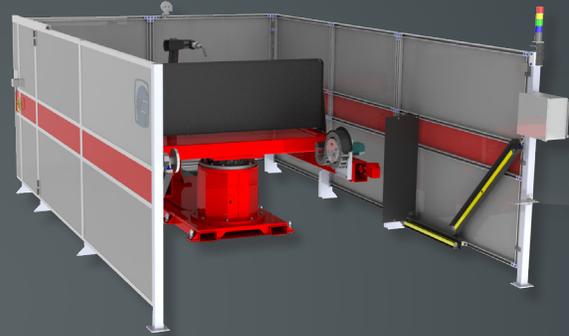
GenS 3X Weight Capacity: 900 Kg

Fast Repositioning of Parts with Three-Axis Turntable System

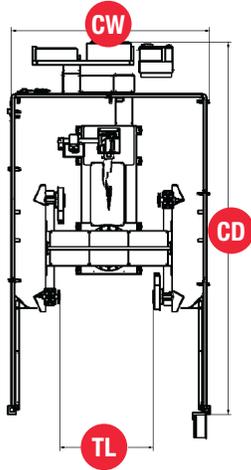
The Genesis GenS 3X pre-engineered robotic welding work cell is designed with rear-mount robot(s) and a three-axis servo-driven turntable system for fast repositioning of high-volume parts.

- ✓ Servo-driven main axis facilitates fast index time, reduces weld cycle
- ✓ Rear robot design
- ✓ Common base for robot / positioner
- ✓ Configurable to meet application-specific requirements

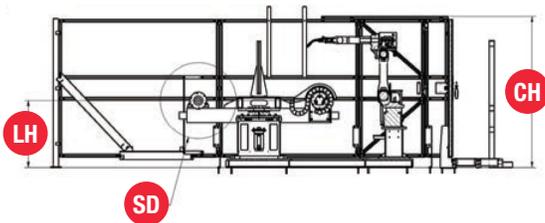
GenS 3X



TOP VIEW



SIDE VIEW



Standard Dimensional Specifications

- TL Tool Length:** 1.5-meter (59-inches)
- SD Tool Swing Diameter:** 1.25-meters (49-inches)
- LH Load Height:** 1.0-meter (39-inches)
- CW Cell Width:** 5870 mm (231-inches)
- CD Cell Depth:** 5110 mm (201-inches)
- CH Cell Height:** 2545 mm (100-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	4.5 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	1.25-meters (49-inches)	
Weight capacity	900-kilograms (1,984-lbs)	