

High Efficiency Work Cells



ProStar™ PRSDSL Side Loader

MADE IN USA



2 stations, single-axis positioners on opposite sides of the robot.

High-Speed Automation for Production of Large Weldments

ProStar's PRSDSL side loader is equipped with two single-axis positioners supporting custom tooling bridles on opposite sides of a centered, six-axis robotic arm. Two workstations are located on opposite sides of the robot. Light curtains, spaced at least four feet from the indexing tooling bridles at all times, ensure that the operator cannot stand in its path.

TWIN ROBOTIC "FERRIS WHEEL" WORK CELL

The PRSFW3 Ferris wheel cell employs two 360° single-axis positioners supporting two custom tooling bridles separated by a 180° servo-driven indexing wall. Two six-axis elevated robots enable optimal weld positioning and production efficiency with a lower part loading height.

ProStar PRSFW Ferris Wheel



2 robots/stations, 360° single-axis positioners, 180° servo-driven indexing wall.

CELL FOOTPRINT	PRSDSL	PRSFW
LENGTH	211 in.	178 in.
WIDTH	300 in.	284.5 in.
HEIGHT	84 in.	80 in.
TABLE DIMENSIONS		
LENGTH	72 in.	48 in.
WIDTH	120 in.	174 in.
TABLE LOAD HEIGHT	42 in.	36 in.

STANDARD FEATURES

- Two work stations with 360 degree, single-axis part positioners on each station
- Telescoping pneumatic load-doors
- Light curtain protective boundaries
- Robot flexible (≤ 1600 mm reach)
- Ergonomic loading height
- Modular/Adjustable work tables
- Cell entry for maintenance: front side (DSL), back side (FW3)
- Wire fencing & weld curtains (FW3)
- Fully integrated power & control

Custom Fixturing Available