

ProStar™ Robotic Welding Cells



Your Choice of Robotics & Welding OEMs Inside a Pre-Engineered Praxair Work Cell

FREEDOM OF CHOICE

With a broad range of automation and welding process options, *ProStar* robotic cells are the ideal choice for production of repetitive parts of nearly any shape or size. Praxair's extensive line of welding cells supports a variety of OEM options. Customers can choose from among the major brands of six-axis robotic arms, controllers, positioners and consumables.

ProStar cells come standard in a number of configurations for weldment size and shape, loading, alternating work stations, modular tables, ferris-wheel operation, multi-axis positioners, and more!

Choose your preferred robot and welding process...

- Specify single or multi-axis positioners
- Choose one, two, or three workstation models
- Specify fixed or modular table configuration
- Easy-move forklift pockets

DESIGNED FOR FLEXIBILITY

Adaptable work cells provide ample space and built-in wiring paths that can accommodate most controllers and accessories. *ProStar* work cells feature modular tooling bridges that can be configured to accept larger tables—as well as one or two-axis positioners—to handle complex weld geometries.



Shown above, the *ProStar* PRSAL20 features two fixed tables, telescoping pneumatic front-loading doors, and two side maintenance doors. The compact PRSAL20 combines our lowest loading height and smallest cell footprint. → See D14

Any Brand or Configuration

ANY MAKE	ANY PROCESS	ANY CONFIGURATION
<i>KUKA</i> ®	<i>Fronius</i> ®	Front, Angle, Side
<i>Motoman</i> ®	<i>Miller</i> ®	2-door and 3-door configurations
<i>Kawasaki</i> ®	<i>Lincoln</i> ®	Alternating tables and ferris wheel models
...and other leading manufacturers		One, two, or three axes

2-Door & 3-Door Work Cells



ProStar™ PRSFT20 & PRSFT30

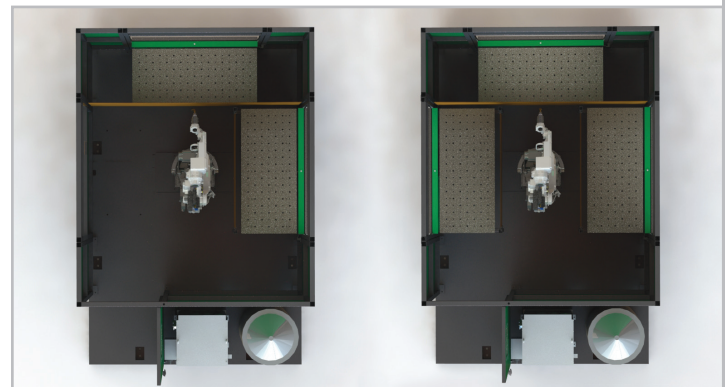
Two or Three Modular Adjustable Tables with Pneumatic Doors

ProStar's PRSFT20 two-door, and the PRSFT30 three-door models feature two fixed tables guarded by telescoping pneumatic doors to provide lower loading height and smaller cell footprint.

CELL FOOTPRINT	PRSFT20 / PRSFT30
LENGTH	156 in. (3.96 m)
WIDTH	96 in. (2.44 m)
HEIGHT	88 in. (2.24 m)
TABLE DIMENSIONS	
LENGTH	24 in. (0.6 m)
WIDTH	56 in. (1.42 m)
TABLE LOAD HEIGHT	36 in. (.91 m)

STANDARD FEATURES

- PRS FT20: (2) tables/doors
- PRS FT30: (3) tables/doors
- Telescoping pneumatic load-doors
- Robot flexible (≤ 1600 mm reach)
- Ergonomic loading height
- Modular/Adjustable work tables
- Rear cell entry for maintenance
- Fully integrated power & control
- Single skid and body



The PRSFT20 features two work stations with loading from either side.

The PRSFT30 features three work stations with loading from three sides.

Custom Fixturing Available

