



CMC-VS

Robotic
Welding
Cell

*Some companies build weld cells
to sell robots ...
Some companies build weld cells
to sell weld controls...
Cardinal builds weld cells to sell
welding solutions...*

*Cardinal Machine Company
has been in business for 35+
years providing customers with
solutions to their manufacturing
needs...*

*We have decades of experience
in the design and build of
tooling for many welding
applications.*

*Simple manual fixtures or PLC
onboard, SMART fixtures...
We can meet your needs!*

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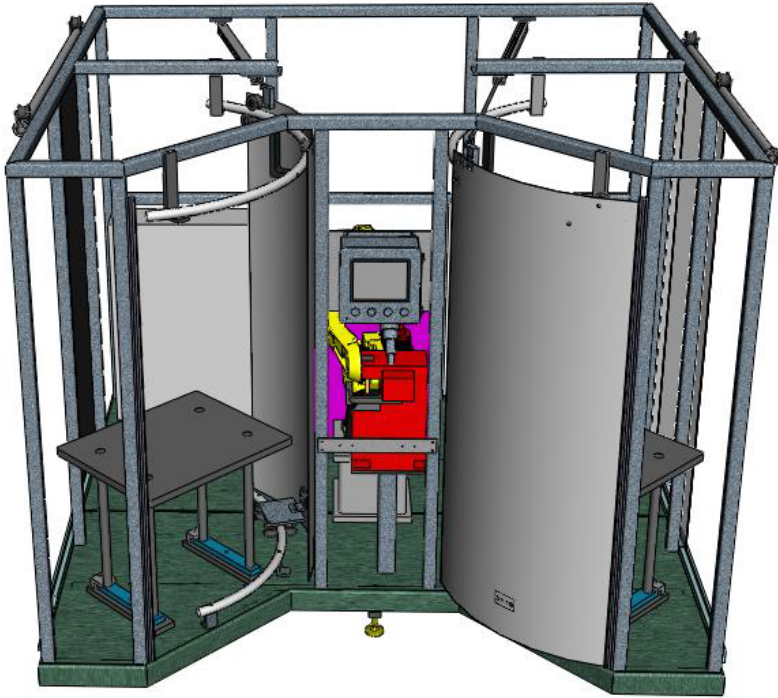
E-mail: sales@cardinalmachine.biz



- The CMC-VS work cell is the culmination of custom machine building experience and design for manufacturing and assembly principles. Our engineers have worked to optimize every system in this cell.
- Standard features separate us from the competition.
- A keystone design element is the “Patent Pending” REDBIRD™ roller doors. A single door for each station provides for operator safety while loading as well as while welding.
- Basic models begin under \$100,000.

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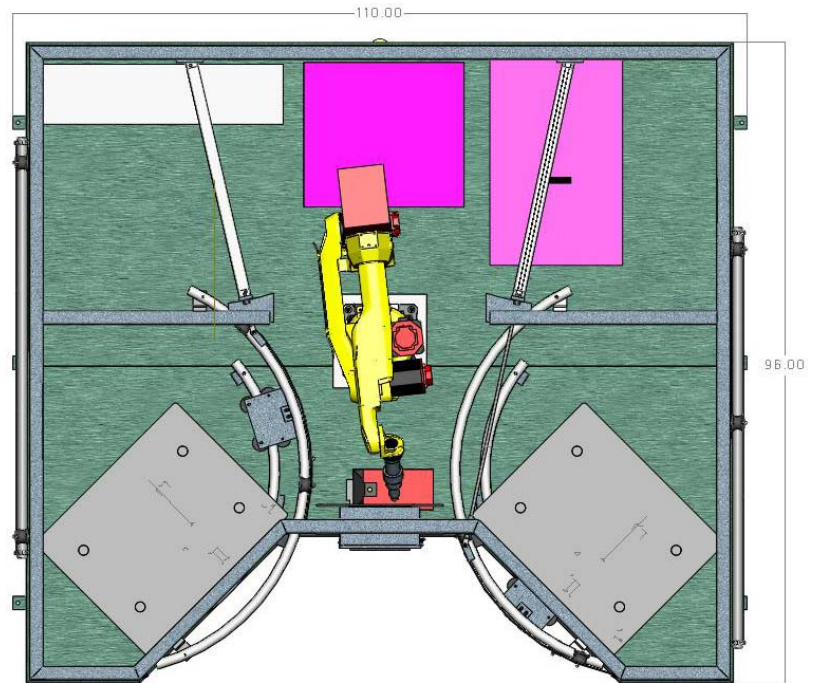


STANDARD FEATURES:

- TWO STATION, SINGLE OPERATOR LAYOUT.
- SOLID STEEL WELDED BASE, ENCLOSURE, GUARDING, AND HOOD.
- PATENT PENDING ROLLER DOORS FOR OPERATOR SAFETY AND COMPLETE ACCESS TO FIXTURE.
- AB MICROLOGIX PLC AND QUICKPANEL HMI FOR OPERATOR INTERFACE.
- FANUC 100IC WITH LINCOLN POWERWAVE 455 AND THRU ARM TORCH.
- WELD TABLES FOR HOLDING CUSTOM FIXTURES.
- MACHINE MANUALS INCLUDING ASSEMBLY PRINTS.

OPTIONAL FEATURES:

- SERVO POSITIONERS IN HORIZONTAL OR VERTICAL APPLICATION.
- ANY ROBOT/WELDER COMBINATION CAN BE INTEGRATED.
- TIP CLEANER, SPRAYER, CUTTER.
- FULL COMPREHENSIVE DESIGN AND BUILD OF TOOLING (MANUAL, SEMI-AUTOMATIC, OR FULLY AUTOMATIC).
- USER DEFINABLE I/O FOR SEMI AUTOMATIC FIXTURE CONTROL.
- COMPLETE ROBOT PROGRAMMING AND WELD PROCESS DEVELOPMENT.
- INTEGRATION OF COMPUTER WELD TECHNOLOGY MONITORS.



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