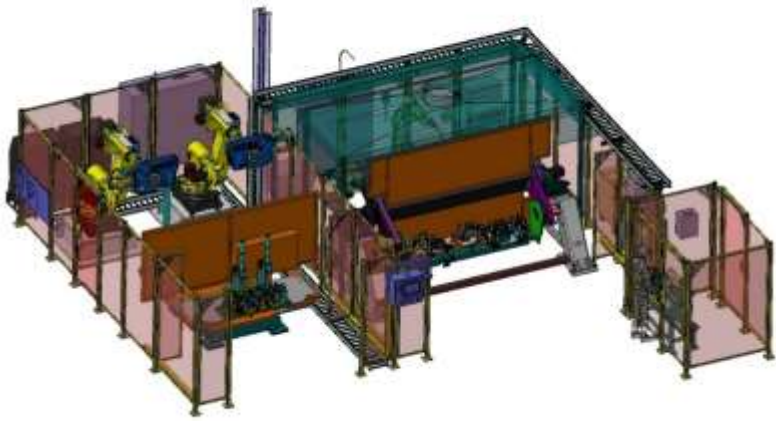
PROJECT PROFILE

Robotic Spot, Mig and Drawn Arc Stud Welding Cell



Description

CMP Automation designs and builds robotic welding cells to customer specifications using state of the art technology. The Robotic Spot and Mig Welding stations use a turntable and a Ferris wheel trunnion table to optimized cycle time and increase production. The Drawn Arc Welding station auto feeds studs and uses servo technology to automate the welding process.

Application

- Automotive Bar Panels

Features

General

- Machine Guarding
- Touch Screen HMI
- Quick Tooling Changeover

Spot Welding Station:

- Geometric Weld Fixtures
- Ferris Wheel Trunnion
- Dual Robotic Spot Welding
- Load/Unload Station with Light Curtains
- Machine Guarding

Mig Welding Station:

- Geometric Weld Fixtures
- Ferris Wheel Trunnion
- Single Robotic Spot Welding
- Load/Unload Station with Light Curtains
- Machine Guarding

Drawn Arc Welding Station:

- Geometric Weld Fixtures
- Servo Driven Drawn Arc Welding
- Stud Feeder System

Specifications

Bulb Varieties	Various
Bulb Size Range	10, 11, 12, 14
Throughput per Hour	3,600 Bulbs
Electrical*	600 VAC, 3 Phase, 60Hz, 35 AMP
Pneumatic	80 PSI

* Contact CMP for other power options available

Contact CMP directly for more information beyond the scope of this document

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