02 — CAPABILITIES

WELDED ASSEMBLIES

Anchor builds welded and mechanical assemblies, from small brackets to body-in-white structures, in robotic and resistance weld cells with automated error proofing.



9	2	4	100%
ROBOTIC MIG CELLS	ROBOTIC SPOT WELD CELLS	UNIVERSAL RESISTANCE WELDERS	IN-LINE MEASUREMENT

WELDING PROCESSES

- Robotic MIG and TIG
- Cold Metal Transfer
- Spot, projection and resistance
- Laser
- Drawn arc stud welding
- Pedestal and turntable welders

ASSEMBLY AND AUTOMATION

- Quick-change, interchangeable weld cells with multiple welding and assembly guns
- Sandbox cells that run four different parts at once
- Robots, collaborative robots, vision and automated error proofing
- Conventional and orbital riveting, staking and toggle lock
- In-press nut and stud insertion, PEM, tapping and adhesives
- Wash, manual component assembly and other secondary operations

Standard cell concept: works for MIG or spot welding, 1,000 × 2,000 mm work area, two robots, and a 10-minute worktable changeover. It solves low-volume and service-part requirements.

NEW WELD CELL	PART	CAPACITY
Cell 704	Tilt bracket	900,000 / yr
Cell 687	Column assembly	800,000 / yr
Cell 706	DCM base	70,000 / yr
Cell 707	Reinforcement body sill	60,000 / yr



Robotic welding



Flexible, quick-change weld cells



New weld cells on the floor

HAVE AN ASSEMBLY PROGRAM TO QUOTE?

Call +1 (216) 362-1850
anchor-mfg.com