

EXPERT ARC SERIES 05 - DUAL STATION

Smart. Streamlined Welding for Job Shops.

The Expert Arc ST-05 gives job shops and general fabricators a simple, compact way to get started with robotic welding. It's a complete system that runs out of the box, engineered in Germany and built in America. Your welder can set it up. Your operator can run it. Your team doesn't need to be robotic experts to start seeing results.

This system helps you make better use of your skilled labor. It shortens the ramp-up time that usually comes with automation. And it gives you the kind of consistent, repeatable weld quality that keeps jobs moving and customers happy. The ST-05 is right-sized for small to midsize part production, making it an ideal fit for shops that want real productivity without overkill.

Welding automation is worth doing right.

SMART FEATURES. PROVEN BENEFITS.

> Compact footprint

Fits into tight shop floors and smaller production cells.

> Simple to run

Your team doesn't need to be robot programmers. Operators can run it with minimal training.

> Fast to deploy

Pre-configured, pre-tested, and ready to weld. You're up and running in days, not months.

> Budget-friendly automation

Built for shops that need to automate without blowing up their CapEx.

> Consistent, high-quality welds

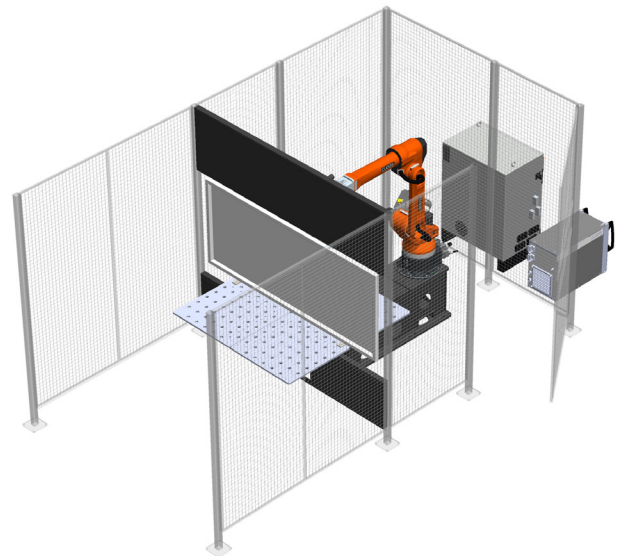
Clean, repeatable results every time. No guesswork. No surprises.

> Less downtime

Easier part loading, simpler programming, and fewer headaches in production.

> German engineered. American built.

Precision and reliability, backed by decades of CLOOS welding expertise.



INDUSTRIES

General Industries & Job Shops

Construction & Heavy Equipment OEM's

Agricultural Equipment

Truck & Trailer Manufacturers

PRODUCT SPECIFICATIONS

SYSTEM INCLUDES

- > QRH-280 QIROX Robot
- > QRC 4.2 Expert Controller
- > Start 406 Welding Power Supply
- > Indexing Dual Station 5kN
- > Seam Tracking
- > Touch Sensing

OPTIONS AVAILABLE

- > QRH-300 QIROX Robot
- > Pulse Pro 451 Welding Power Supply
- > MoTion Weld
- > Duo Drive | Aluminum Package
- > iCSE Offline Laser Sensor
- > Fume Hood
- > Fume Extraction Torch
- > RoboPlan Offline Programming Software
- > C-Gate Cloud Based DMS

MAXIMUM PART SIZE

Weight	
kg	225
lbs	500
Length	
mm	1,400
in.	55
Diameter	
mm	700
in.	27
Height	
mm	500
in.	19

For additional details, please contact us at sales@cloosna.com or 847.923.9988.

SLS-1003 ExpertArc ST-05



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WORTH DOING RIGHT

