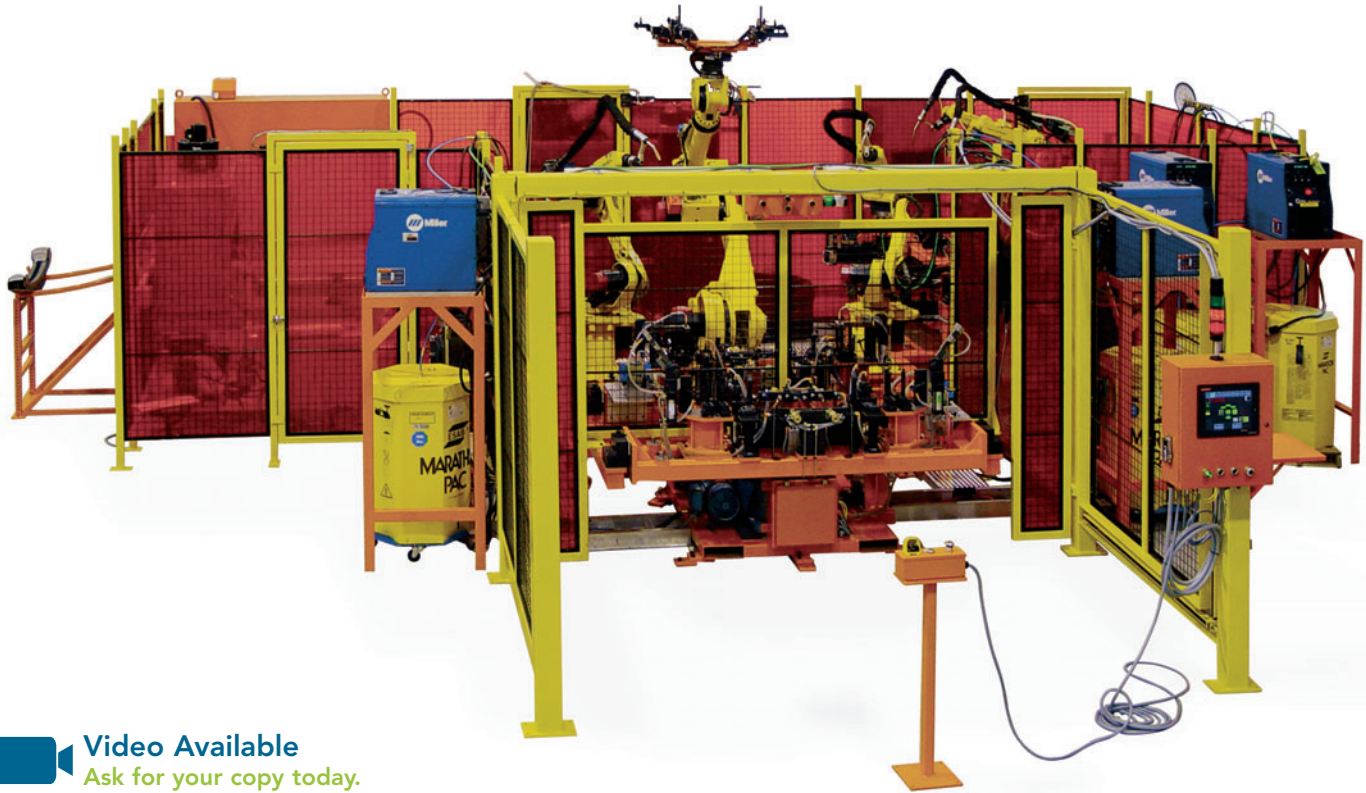


# Robotic Welding System



 **Video Available**  
Ask for your copy today.

## Koops

### Features

- Heavy tube frame
- Hardened fixture contact points
- Industrial guarding
- Flash shield curtain
- Operator touch control
- Tip access doors

### Options

- Robot model and capacity
- End-of Arm tooling
- In-feed turntable
- Fixture designs
- Controls system platform
- Welding system
- Part exit conveyor
- Paint color

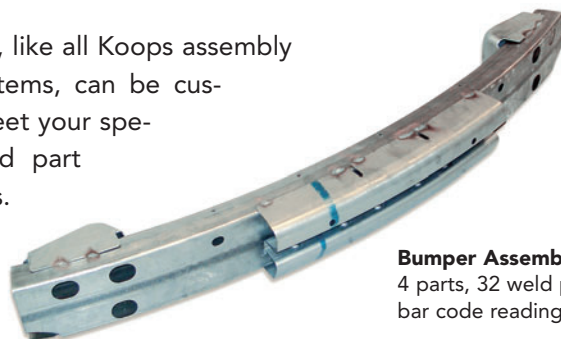
## Robotic Welding System

The Koops Robotic Welding System is an industrial designed assembly that delivers high volume welded parts with consistent quality and cycle time. Koops Robotic Welding System is an integrated platform that incorporates the latest in part holding and sensing technology, state of the art robot and welding equipment, and the flexibility of a programmable environment that is unmatched in high volume production of quality parts. The system can be designed with single or multiple weld stations to accommodate the cycle time of your application. This flexibility, along with a programmable environment, allows the Koops Robotic Welding System to be adapted to any application. You will have unparalleled control of your weld process which translates into immediate bottom line savings.

The system delivers maximum return on investment by optimizing floor space, minimizing labor costs and by producing high quality consistent parts.

The welding system, like all Koops assembly and production systems, can be custom designed to meet your specific production and part quality requirements.

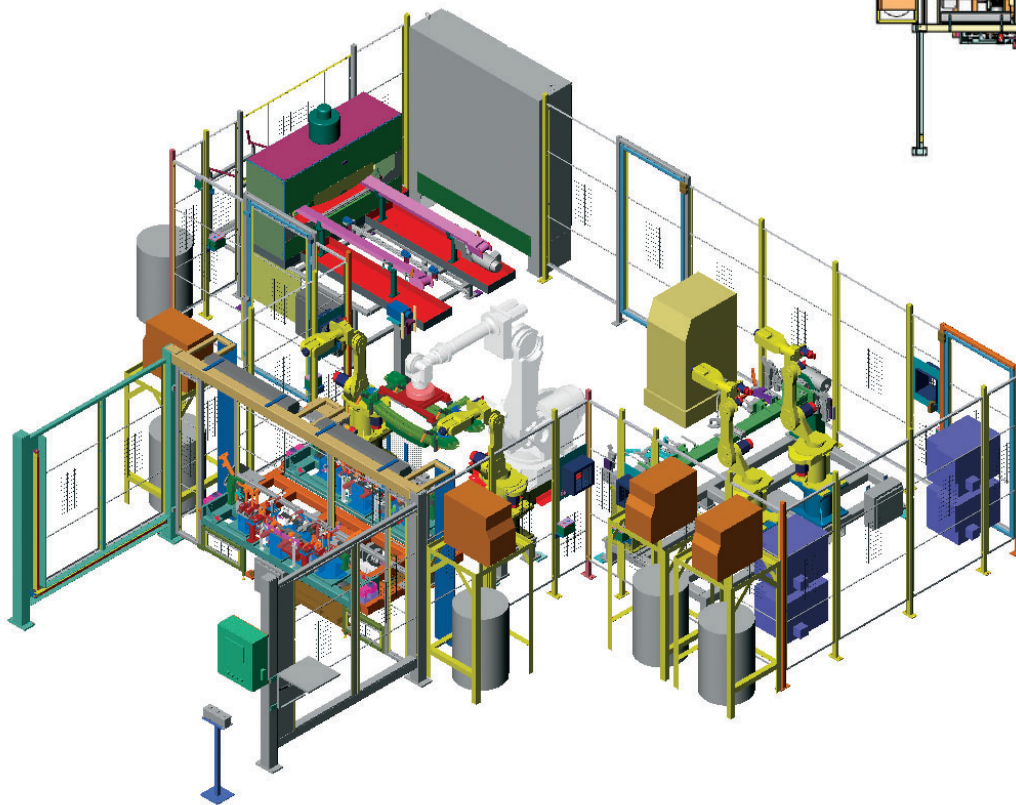
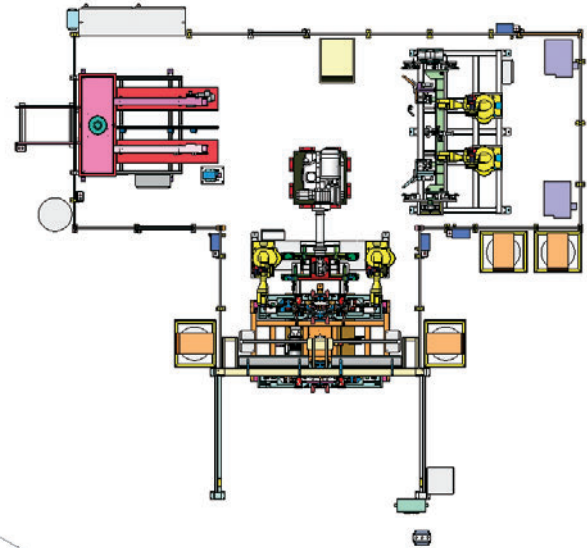
Contact Koops, Inc. to discuss your production needs.



**Bumper Assembly:**  
4 parts, 32 weld points,  
bar code reading, 90 parts per hour.

## Work Cell Specifications

- Tooling Length**.....84", 96", 120"
- Weight Capacity**.....Designed for application
- Swing Diameter**.....60", 54"
- Load Height**.....32", 40"
- Safety Package**.....Light curtains, gate interlocks, fence; optional weld flash safety curtain



Koops Inc. designs and builds factory automation equipment, assembly systems, robotics and machine vision, work cells, material handling and test machines. Our clients include Tier One and Tier Two manufacturers that rely on us for innovative design solutions to their most difficult manufacturing and processing problems. Our turnkey services include 3-D mechanical design, machine controls design, complete manufacturing, project management, production line integration, service and support.