

## DEI Providing Integrated Solutions

### The Client: Any Firm Seeking Efficient Manufacturing Capabilities



Official System Partner

Are you losing ground to manufacturers overseas? Is your cost of manufacturing too high? KUKA Robots can help by dramatically improving the efficiency and quality of your processes for less than you might think. Deaton Engineering is an authorized system partner for KUKA Robotics, the number one PC-controlled industrial robot manufacturer in the world. We provide integrated robot solutions that can significantly reduce your operational costs. KUKA robots can automate a variety of tasks including assembly, palletizing, machine tending, cleaning, handling, measuring, polishing or grinding, packaging, cutting, machining, material removal, and welding.

KUKA Robotics is the North American subsidiary of KUKA Roboter GmbH, based in Augsburg, Germany. KUKA Robotics is headquartered in Sterling Heights, Michigan. KUKA offers service, inventory, and customer support from its US office and works through authorized partners such as Deaton Engineering to provide integrated solutions.

### The Challenge: Automate Inefficient, Dangerous, or Very Precise

#### Processes

KUKA offers a wide range of robot products including:

- Four and six-axis robots of all sizes
- Pick and place
- Palletizers
- Gantry robots
- Cleanroom robots
- Stainless steel robots
- Robots capable of operating in extreme temperatures (hot or cold)
- SCARA robots
- Welding robots
- Wash-down robots

With a load capacity of 3 Kg to 500 Kg, KUKA robots can handle both large and small jobs. KUKA robots are currently used in a wide array of industries including:

- Automotive fabricators and suppliers
- Aerospace
- Chemicals and plastics
- Electrical
- Entertainment
- Food and beverage
- Ceramics, glass, and minerals
- Mechanical
- Measurement and control
- Medical
- Metal fabrication
- Pharmaceutical
- Printing and paper products
- Wood working



### The Solution: Flexible Automation Solutions

Robots can be mounted to the floor or the ceiling, making them multifunctional and flexible. The modular structure of KUKA robots means they can quickly and easily be reconfigured for other tasks. All robots operate with a dependable PC-based control platform that allows you to use all the advantages of PC technology, such as remote diagnosis, Microsoft Windows interface, field bus, Soft PLC, OPC Server and much more. Irrespective of the individual technologies involved, KUKA's product portfolio is characterized by an integrated system philosophy, high standards for safety and reliability, a uniform look and feel, and consistent maintenance and upgrade concepts. Deaton Engineering and KUKA can deliver a robot solution tailored to your exact requirements for almost any job.

