# **AUTOMATION**

**Intelligent Automation Solutions** 

### MONARCH AUTOMATION, INC.

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To request a quote or place an order, please email us at quotes@monarchauto.com

















































Valve Manifolds · Fieldbus I/O · Pneumatic & Electric Actuators · Servo-Pneumatics · Vacuum Components · Fittings & Tubing Air Preparation Units · Handling & Assembly Systems · Gripper & Rotary Actuators · Process Valves & Actuators





ROBO Cylinders · Grippers · Rotary Actuators · Table Tops · SCARA Cartesian Robots · Multi-Axis Controllers · Clean Room · Dust Proof





CONVEYORS: Low Profile · Heavy Duty · Miniature · Vertical FlexMove · Sanitary · Backlit · Magnetic · Vacuum Belt · Lift Gate Engineered Solutions · Pallet Systems



# kassow robots

strong · fast · simple

7-Axis Collaborative Industrial Robots





Fast Collaborative SCARA & Cartestian Robots Collaborative Linear Rails · Built-in Controllers





End-Of-Arm Tooling · Gripping & Sensing Systems
Collaborative Applications





Electric & Pneumatic Fast Tool Changers · Robot Base Changer Adapters & Fittings for all Collaborative Robots



### FABCO-AIR A member of Festo Group

Pancake Cylinders · Air Slides · Pneumatic Grippers Rotary Actuators · NFPA Cylinders



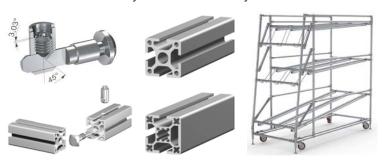


Hydra-Pneumatic Cylinders · Press Systems Equalizing Units · Electric Servo Driven Actuators





Aluminum Extrusions · Guarding · Belt Drives & Linear Slides Pipe & Joint Flow Rack Systems · Custom Designed Framework Conveyors · Clean Room Systems





Machine Guarding · Perimeter Safety Fences · Hinged Doors Sliding Doors · Cantilever Doors · Safety Interlock Handles





Linear Ball Screw & Belt Driven Actuators · Ball Screw Assemblies Square Rail Linear Guides with Bearings · Multi-Axis Configurations Round Rail & Pillow Blocks · Rotary Positioning Tables







Planetary Gearheads & Gearboxes · Right Angle Rotating Flange · Hygienic Design · Custom Design





Vacuum Suction Cups, Generators & Gripper Systems
Vacuum Technology for Robots · Vacuum Clamping Technology
Vacuum Lifters · Crane Systems · Jib Cranes



## SUGINO

Single & Multiple Spindle Heads · Automated Drilling Units Pneumatic Drilling Units · Automated Tapping Units





Power Supplies · Programmable Fieldbus Controllers · Terminal Blocks Relays PCB & Wiring Connectors · Wireway & DIN Rail Fieldbus I/O Modules · Signal Conditioners · HMI & PLC





Motor Control Components · Programmable Controllers · Push Buttons Pilot Lights · Smart Relays · I/O Fieldbus Components Molded Case & Miniature Breakers · Smart Wire





SMART SENSOR TECHNOLOGIES: Photoelectronic · Ultrasonic Inductive · Light Curtains · Image Processing & Smart Cameras Illumination Technology · 2D/3D Profile Sensors · Barcode Scanners





Industrial Relays · PCB Relays · Solid State Relays · Energy Meters Surge Protection · Panel Lights · Timers · Control Box Filter Fans









SENSORS: Vision Systems · Distance · Color · Contrast · Light Photoelectric · Fiber-Optic · Fork & Optical Window · Ultrasonic Inductive & Capacitive Proximity





SENSORS: Laser · Color Identification · Fiber-Optic · Digital Laser Transparent Object · Photo Electric · Background Suppression · Fork Inductive & Capacitive Proximity · Liquid Level





High Efficiency Motors · AC Brake Motors
AC Motors with DC Brakes · Motors With Built-in Invertor
IEC & NEMA Motor Mounts





