

**MCE**»»  
AUTOMATION SOLUTIONS

**AIR**AUTOMATION»»  
ENGINEERING  
AN MCE»» COMPANY

# ***AUTOMATION & ASSEMBLY EXPERTS***



Air Automation Engineering aims to provide cutting-edge answers for unique process challenges. From sound advice and sales to onsite customer support and repair, AAE goes beyond the distribution network by representing the most reliable companies and employing a dedicated, expert workforce.

# » **AUTOMATION**

## **ACTUATORS**

- Electric
- Linear
- Rotary



## **ALUMINUM EXTRUSION**

- B-Series Extrusion
- Fractional Extrusion
- Metric Extrusion



## **CONVEYORS & FEEDERS**

- Conveyor Systems
- STEP Feeders
- Vibratory Bowl Feeders



## **GRIPPERS & VACUUM**

- Adhesive, Angular, Bernoulli, Centric, Electric, Magnetic, Parallel, Pneumatic.
- Vacuum: Cups, Generators & Mufflers



## **LEAK TESTING**

- Leak Testers
- Pressure Test Connectors

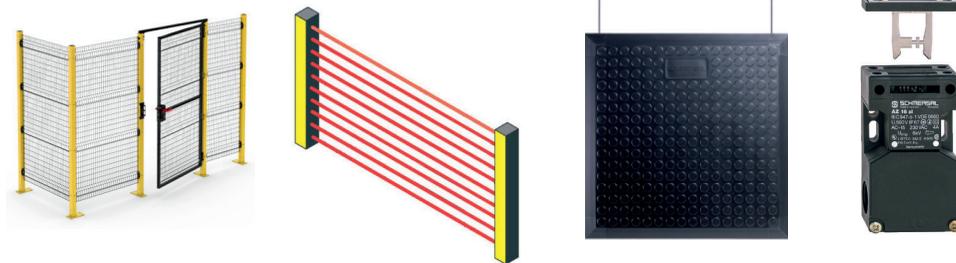


### **REPRESENTING THE FOLLOWING BRANDS:**

- |                      |           |             |
|----------------------|-----------|-------------|
| • AIR-VAC            | • HIWIN   | • QUICKDRAW |
| • ARO                | • IAI     | • SCHUNK    |
| • BELLCO FEEDERS     | • KOGANEI | • STILSON   |
| • COMPACT AUTOMATION | • MARPOSS | • T-SLOTS   |
| • FASTEST            | • NANOTEC | • VI-CAS    |

## **MACHINE SAFETY**

- Guarding
- Light Curtains
- Safety Mats
- Safety Switches



## **MACHINE VISION**

- 3D Machine Vision System
- Lighting
- Machine Vision Lenses
- Optical Filters



## **MOTION CONTROL**

- Integrated Servo Motors
- Linear/Rotary Electric
- Servo Motors & Drives
- Stepper Motors



## **PLC'S & HMI'S**

- Industry 4.0 Communicator (FP-I4C)
- HMI'S (GT Series)
- HMI'S (HM Series)
- PLC'S



### **REPRESENTING THE FOLLOWING BRANDS:**

- CANON
- EPSON
- HIWIN
- JVL
- KOGANEI
- NANOTEC
- PANASONIC
- SCHMERSAL
- SCHUNK
- SENSOPART
- TOLOMATIC

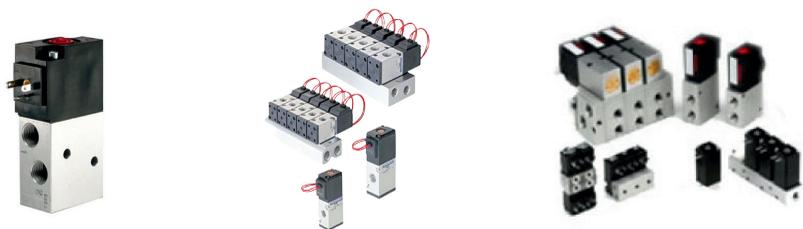
## PNEUMATIC ACCESSORIES

- Blow Guns
- Fittings/Tubing
- FRL'S
- Precision Regulators



## PNEUMATIC VALVES

- Valves



## ROBOT ACCESSORIES

- Flex Feeder
- Force/Vision Guide
- Laser Scanner
- Safety Switches



## ROBOTS

- 6-Axis
- Collaborative
- Scara
- Table Top



## SENSORS

- Electrostatic Potential Sensors
- Inductive Sensors
- Optical Sensors
- Pressure/Flow Sensors
- Ultrasonic Sensors



### REPRESENTING THE FOLLOWING BRANDS:

- |                      |            |                   |             |
|----------------------|------------|-------------------|-------------|
| • ARO                | • HUMPHREY | • MARSH BELLOFRAM | • SCHUNK    |
| • BROOKS             | • IAI      | • NYCOIL          | • SENSOPART |
| • CYLINDERS & VALVES | • JANOME   | • PANASONIC       |             |
| • DOOSAN             | • KOGANEI  | • PREVOST         |             |
| • EPSON              | • LEGRIS   | • SCHMERSAL       |             |

## ASSEMBLY TOOLS

- DC Electric Tools
- Impact Wrenches
- Nutrunners
- Pulse Tools
- Screwdrivers



## CORDLESS TOOLS

- Cordless Assembly Tools



## HIGH TORQUE TOOLS

- Cordless High Torque Tools
- DC High Torque Tools
- Pneumatic High Torque Tools
- QX Torque Multipliers



## MATERIAL HANDLING

- Balancers
- Ergonomic Manipulators
- Handling Devices / End Effectors
- Hoists
- Support Structures



## PRECISION FASTENING

- Cordless Precision Fastening
- DC Electric Tools
- Torque Control Nutrunners
- Torque Control Screwdrivers
- Transducerized Pulse Tools



## REPRESENTING THE FOLLOWING BRANDS:

- AIMCO/URYU
- ASG
- BELKNAP
- CRANE
- DYNA-LIFT
- FIAM
- GCI
- GLEASON REEL
- INGERSOLL RAND
- MAKITA
- NITTO KOHKI
- NORBAR
- PFERD
- POP
- SCS
- STANLEY ASSEMBLY TECHNOLOGIES
- TORQTEC

## PRESSES

- Head, Stand Alone & Unit Type
- Servo
- Pneumatic



## SCREW FEEDING EQUIPMENT

- Fixed & Handheld Systems
- Screw Presenters



## TORQUE REACTION ARMS

- Floor Mounted
- Smart Arms
- Tabletop



## TORQUE MEASUREMENT

- Data Collectors
- Joint Simulators
- Torque Transducers
- Torque Wrenches



## WORKSTATIONS & CABINETS

- Cabinets
- Toolboxes
- Vertical Storage Systems
- Workstations



## REPRESENTING THE FOLLOWING BRANDS:

- AIR-HYDRAULICS
- AIR-MITE
- ASG
- CRANE
- ERGONOMIC TOOLS ARMS
- GCI
- INGERSOLL-RAND
- JANOME
- LISTA
- NORBAR
- STANLEY
- VIDMAR
- VISUMATIC

# SERVICES & SOLUTIONS

## ENGINEERED SOLUTIONS



We pass on the knowledge as well as provide manufacturing experts when needed for additional processes support. AAE is going to take the time to make sure you truly recognize the benefits of our turnkey solutions.

## FEASIBILITY TESTING



AAE's feasibility testing is a process that takes all of a project's relevant factors into account to ascertain the likelihood of completing the project successfully. Providing you with the resources you need to make your business run efficiently.

## PRODUCT TRAINING



Unlike others, AAE spends time getting to know the customer and providing the best after sale support. Product training is available in-house or at our AAE automation lab.

## TOOL CALIBRATION



AAE's core business is providing quality assembly tools with factory authorized repair and calibration. Our TCO program maximizes up time and improves assembled product quality.

## TOOL REPAIR



Air Automation Engineering specializes in the sales, warranty repair, and rebuilding of industrial assembly tools. We supply quality tools, backed with our quality tool repair service to improve your assembly process. Use our factory trained technicians to repair your pneumatic, electric, & DC controlled tools.

# WE ARE MCE

Our collective strength is demonstrated through our vast experience, technical expertise, specialized services, and vendor support—providing you with a single-source supplier to help you achieve your goals.

We work to keep your operation running smoothly by ensuring product availability, solving your problems with customized solutions, and supplying on-demand technical expertise and support.

## SOLVING YOUR GREATEST CHALLENGES:



**PREMIUM-QUALITY  
PRODUCTS**



**SERVICE, SUPPORT, AND  
REPAIR**



**TECHNICAL  
EXPERTISE**



**TRAINING TO SUPPORT YOUR  
NEEDS**



## OUR PROMISE TO YOU

**Every product and solution we offer is designed to meet your specific needs and unique circumstances.**