What Can You Automate?

Manufacturing Smarter - More Consistent - More Reliable
ROBOTIC PRODUCTS

Collaborative Robots
UNIVERSAL ROBOTS
Safe & Collaborative
Flexible Deployment
Easy to Use
Affordable

Yamaha
120MM-1200MM reach
1kg – 50kg Pay Load
360 Degree SCARA
Wall/Celing Mount
Clean Room Series

Linear Motion Systems
Rollon
Linear Actuators
Linear Guide Rail
Telescoping Guide Rail
7th Axis Robot System

SCARA Robots
Yamaha
Single or Multi Axis
Ball Screw and Belt Drive
Stepper, AC Servo, Linear Motor
1kg – 90kg payload

Automation Conveyors
QC Industries
Low profile conveyors w/quick change belt feature
Automation Series (aluminum)
Industrial Series (steel)
Wash Down Series (stainless steel)
5 year warranty

Cartesian Robots
Yamaha
Flexible 3-Axis Vibration Feeders
Compatible with all part geometries
Systematic part orientation
High Precision 150MM Delta Robot

Flexible Feeding Systems
Asyrl
Grippers
SMC & Bimba
Pneumatic - Electric
Parallel
Angular

Adaptive Robot Gripper
Robotiq
Gripper Conforms to Part
Force Sensing
Vision – Vision Guidance
Plug N Play Connectivity
Designed Specifically for Universal Robot

Magnetic Grippers
Magswitch
Magnetic Grippers;
Simple and Reliable
Lifts; Irregular & Perforated Materials

End of Arm Tooling
Zimmer
Grippers
Rotary
Indexers
Tool Changers

www.NumaticEngineering.com
PNEUMATIC AUTOMATION

Directional Valves

SMC Directional Control Valves
• 2 / 3 & 4 Way Valves
• Manifold & Line Mounted
• Serial Interface; Supporting open and closed fieldbus protocols

Proportional Control

Proportion-Air SMC
Proportional Control Valves
• Position & Pressure Control
• Tensioning
• Torque Control

Cylinders

Bimba Stainless Round Body (the original), Compact, Custom Specials, NFPA Air and Hydraulic
SMC Compact, ISO, Metric, Guided, Low Friction, Locking

Rodless Cylinders

Bimba Magnetically Coupled & Band Style
SMC Magnetically Coupled & Band Style

Rotary Actuators

Bimba Rack & Pinion Actuators
SMC Vane Type Rack & Pinion Actuators

Slides & Grippers

Bimba Slides, Multi-Position, Pick & Place
SMC Slides, Grippers, Pick & Place

Air Line Preparation

SMC FRL's & Accessories
Lock Out & Soft Start Valves
Coalescing Filters

Aluminum Extrusions

80 / 20 Inc.
..."The Industrial Erector Set"
T Slot Extrusions
Work Benches - Carts
Displays - Guarding
What do you need to build?

Shock & Vibration

ITT - Endine
Industrial Shock Absorbers
Air Bags
Gas Springs & Dampeners
Wire-Rope Isolators

Vacuum Components

SMC Generators, Cups, Switches & Regulators
Vaccon
Air Powered Vacuum Generators

Air Dryers / Ionizers / Chillers

SMC Refrigerated
Regenerative
Desiccant
Membrane
Chillers

Life Sciences

SMC Liquid Pumps
Regulators
Chillers
Flow Sensor

www.NumaticEngineering.com
VALUE ADDED SERVICES

Assembly Manufacturing

Outsourcing sub-assemblies to NE will streamline your operations allowing you to re-allocate resources, reduce overhead costs, inventory, and better define your costs. Outsourcing is an important decision for a company to make. Our pledge to you is that your business will receive the attention to detail it deserves.

Examples of Services:
- Robot – Basic Integration
  - End of Arm Tooling
  - Custom Gripper Fingers
  - Mounting to base or table
  - Conveyors
- Control Panel Design, Build including UL508
- Pneumatic Valve and Component Assembly

www.NumaticEngineering.com
MANUFACTURERS REPRESENTED

UNIVERSAL ROBOTS

80/20® Inc.
The Industrial Erector Set®

PHOENIX CONTACT

Formerly LG Industrial Systems

7915 Ajay Dr • Los Angeles, CA 91352
(818) 768-1200
(800) AIR CYLS (247-2957)
Fax (818) 768-1202
Sales@numaticengineering.com

PROPORTION-AIR
Electro-Pneumatic Pressure Regulators & Flow Controllers

YASKAWA

BIMBA

SMC

BALLUFF

sensors worldwide

YAMAHA ROBOTICS
www.yamaharobotics.com

LS Industrial Systems

Formerly LG Industrial Systems

AHTD

ASSOCIATION FOR HIGH TECHNOLOGY DISTRIBUTION

7915 Ajay Dr • Los Angeles, CA 91352
(818) 768-1200
(800) AIR CYLS (247-2957)
Fax (818) 768-1202
Sales@numaticengineering.com

NU\textsc{MATIC} ENGINEERING
CREATING JOBS THROUGH AUTOMATION