MOTION CONTROL & AUTOMATION

Valin is the smart systems solution provider that makes high technology possible. No matter what your Automation needs are, Valin can move it, measure it, monitor it, sense it, control it, network it, and safeguard it.

Valin represents some of the world’s largest and leading edge manufacturers of industrial automation and motion control systems. Technologies include robotics, machine vision, conveyance, sensing, laser measurement, RFID data tracking, and safety systems. Valin also provides a broad range of top-rated products and supporting control components that save energy, improve quality, accuracy and precision.

Valin Corporation and the motion control and automation technical team are members of the Association for High Technology Distribution (AHTD) and the Motion Control & Motor Association (MCMA).
ROBOTICS

Powerful industrial robots for high-speed, precision manufacturing, packaging, and factory automation, along with cleanroom and wash down rated robots. Proof of concept and demos are available.

- 4-Axis SCARA Robots
- 6-Axis Articulated Robots
- Mobile Robots
- Parallel Pick & Place Robots
- Cartesian Robots
- Table Top Robots

SAFETY COMPONENTS

Safety Components are required for safety countermeasures in equipment and facilities. They are used for shut-out detection of mechanical guards, checking intrusion into hazardous areas, and building safety circuits.

- Safety Light Curtains
- Safety Sensors
- Safety Door Switches
- Safety Limit Switches
- Emergency Stop Switches
- Safety Switches/Interlocks
- Safety Relays
- Safety Controllers
- Safety Mats
- Laser Scanners
- Safety Relays
- Safety IO
- Safety PLCs

ACTUATORS & LINEAR MOTION

Whether you need push/pull motion or rotational motion, Valin has you covered. Cleanroom types and splash-proof/dust-proof types available.

- Single Axis
- Slider Types
- Rod Types
- Table/Arm/Flat Types
- Gripper Types
- Rotary Type
- Servo Press
- Linear Servo Actuators
- Cleanroom Actuators
- Splash-Proof Actuators
- Dust-Proof Actuators
- Ball Screws
- Ball/Roller Rails
SIGNAL TOWERS, ALARMS & HMI’S

Indicating lights and sound alarms enhance the safety and efficiency of workplaces. Human Machine Interface systems give operators complete control of the plant/manufacturing floor in one central location.

- Programmable Signal Towers
- Harsh Environment Towers
- Revolving Warning Lights
- Audible Alarm/Voice Synthesizers
- LED Lighting
- Network/Wireless Alarms
- Dedicated HMI
- Windows HMI
- Industrial Monitors
- Industrial Panel PCs

CONVEYANCE

Valin can help design and build a conveyor system for your unique material flow management application. Our systems offer real value with lower entry costs and the ability to adapt flexibly to changing requirements.

- Assembly Conveyors
- Chain Conveyor Systems
- Clamp Conveyors
- Transfer Systems
- Twin Strand
- Ball Conveyors
- Pallet Conveyors
- Manual Conveyors
- Gravity Conveyors
- Engineered & Designed Systems

ALUMINUM EXTRUSION

Let Valin design a custom aluminum framing system for your unique needs. From custom workstations to full lean manufacturing systems. Kitted or fully assembled.

- Custom Workstations
- Machine Bases & Frames
- Material Handling Carts
- Flow Racks
- Machine Guarding
- Enclosures
- Lean Manufacturing Systems
- Structural Framing
- Cleanroom compatibility
- Custom lengths
- High-load capacities
VISION & SENSING

Vision Sensors & Machine Vision Systems analyze images to perform appearance inspections, character inspections, positioning, and defect inspections. Sensors of all types provide information back to control systems: location, size, distance, presence, orientation, color, defects, character recognition, identification, liquid presence, etc.

- Vision Systems
- Vision Sensors
- Photoelectric Sensors
- Mark Sensors
- Proximity Sensors
- Area Monitoring Fiber Sensors
- Measurement Sensors
- Ultrasonic Sensors
- Capacitive Sensors
- Leak Detection Sensors
- Touch Sensors
- Laser Sensors
- RFID

MOTORS & DRIVES

Advanced motion control products for the semiconductor, defense, automotive, aerospace, biomedical, and packaging industries.

- Servo Drives & Motors
- Stepper Drives & Motors
- Electric Motors
- Smart Drives
- VFDs
- Gearboxes

CONTROL SYSTEMS

Valin has application engineers who can assist you with choosing, configuring and programming the correct control system for your application. They are also available for troubleshooting and training.

- Machine Automation Controllers
- Programmable Logic Controllers (PLCs)
- Motion Controllers
- Industrial Computers
- Communications Devices
- Networking Devices