

# AUTOMATION & ROBOTICS

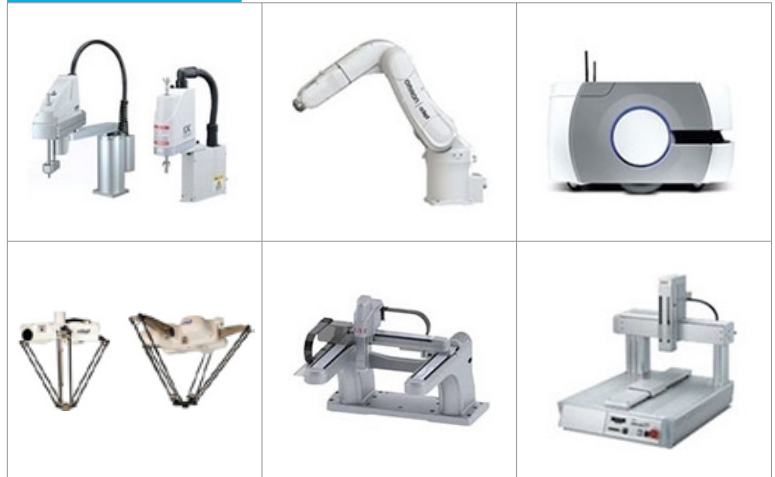


## ROBOTICS

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 available.

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

### Example Products



## 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 Type
- Rod Type
- Table/Arm/Flat Type
- Gripper Type
- Rotary Type
- Servo Press
- Linear Servo Actuator
- Cleanroom Actuators
- Splash-Proof/Dust-Proof Actuators
- Ball Screws
- Ball/Roller Rails

### Example Products

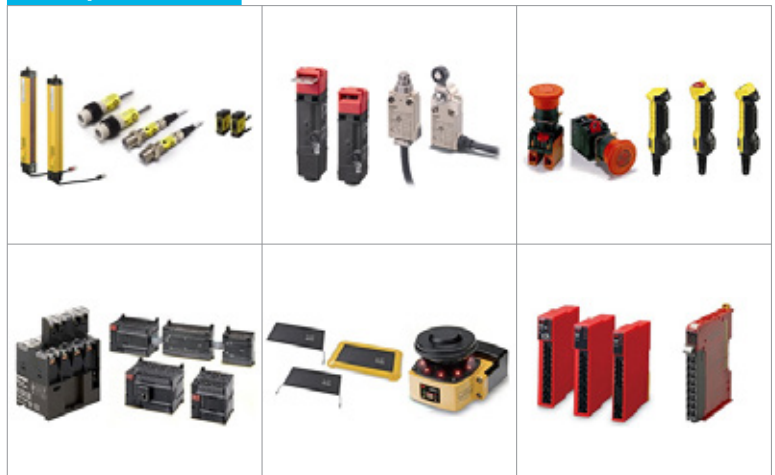


## SAFETY COMPONENTS

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/IO/PLC

### Example Products



# COMPLEX TECHNOLOGY MADE SIMPLE

## CONTROL SYSTEMS

Valin has application engineers who can assist you with choosing and configuring the correct control system for your application. Programming, troubleshooting, system architecture and training.

- Machine Automation Controllers
- Programmable Logic Controllers (PLC)
- Compact PLC
- Modular PLC
- Rack PLC
- Communications
- Logic & Motion Control
- Temperature Control
- Industrial PC

### Example Products



## MOTORS & DRIVES

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

- Servo Motors
- Stepper Drives & Motors
- Electric Motors
- Smart Drives
- VFD's
- Control from PLC's
- Gearbox

### Example Products



## VISION & SENSING

Vision Sensors/Machine Vision Systems analyze images to perform appearance inspections, character inspections, positioning, and defect inspections. Samples and sizing for...

- Vision Systems
- Vision Sensors
- Photoelectric Sensors
- Mark Sensors
- Proximity Sensors
- Area Monitoring Fiber Sensors
- Measurement Sensors
- Ultrasonic Sensors

### Example Products







## 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 PC's

### Example Products



## 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

### Example Products

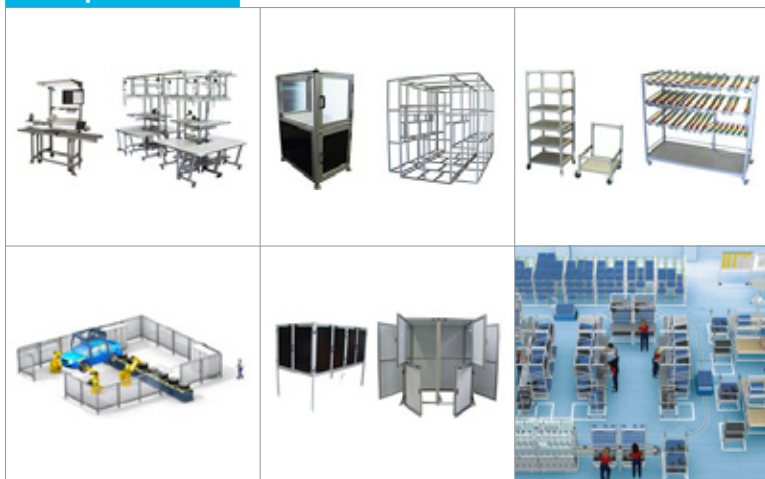


## ALUMINUM EXTRUSION

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

### Example Products



## 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. The technologies include photoelectric and proximity sensors, laser measurement systems, machine vision systems, and RFID data tracking 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).



