



TRI-PHASE

A U T O M A T I O N

Engineers Supplying Industry

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APPLETON LOCATION

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EXPERTISE, INNOVATION & COST REDUCTION



INDUSTRIAL PC & HMI

- Panel PCs
- Node PCs
- Flat Panel Monitors
- Graphical Logic Controllers
- Operator Interfaces



VISION & BARCODE SYSTEMS

- 2D and 3D Vision Sensors
- Grayscale, Color, and Linescan Cameras
- 1D and 2D Barcode Readers
- Line, Raster, Handheld, and Vision Barcode Readers
- Laser Marking



MOTION CONTROL

- Servo
- Stepper
- AC/DC Drive & Motors
- Integrated Drive & Motor
- Linear Motors
- Direct Drive Motors



SAFETY

- Interlocks
- Light Curtains
- Perimeter Guards
- Area Scanners
- Mats
- Safety Networks
- Safety Controllers/PLCs

SENSORS

- Photoelectric
- Color
- Contrast
- Laser
- Ultrasonic
- Proximity
- Inductive
- Capacitive
- Distance Measurement
- Level
- Encoders





MACHINE CONTROL

- PLC
- Remote I/O
- Remote Access & Monitoring
- Stand Alone/Multi-Axis
- Industrial Ethernet
- PC Based



ROBOTICS

- Gantry
- SCARA
- 6-axis
- Grippers
- Invert/ceiling mount
- Shelf mount
- Wall mount
- Table top
- Welding
- Clean room
- Food grade
- Collaborative
- Multi-Axis Cartesian/Gantry

ENCLOSURES & PANEL COMPONENTS

- Circuit Protection
- Enclosures
- Motor Controls
- Power Supplies
- Transformers
- Terminal Blocks
- Disconnect Switches
- A/C Units and Heat Exchangers
- Custom Panel Builds



PNEUMATICS

- Valves
- Cylinders
- FRLs
- Dryers
- Slides
- Gripper



MECHANICAL PRODUCTS



ACTUATORS

- Rollerscrew
- Belt Driven
- Ball/Acme Screw
- Pneumatic
- Voicecoil
- Telescoping/Lifting Columns
- Manual Actuators



POSITIONING SYSTEMS, GEAR REDUCERS & COUPLINGS

- Rotary & Linear Stages
- Round/Square Rail Bearings
- Braking Elements
- Rack & Pinion
- Planetary, Spur, and Helical Gearing
- Bellows, Spider, and Clamping Coupling



A PARTNER IN YOUR INDUSTRY

Tri-Phase provides automation products and solutions to virtually all manufacturing industry sectors. Our engineers are committed to understanding and solving problems in your industry.

We want to understand your business, identify trends in your industry and provide ideas, products, and solutions to keep your company on the leading edge.



Food & Beverage



Printing



Medical



Packaging



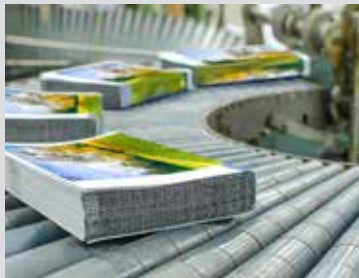
Paper



Plastics



Water



Material Handling



Mobile Equipment



Alternative Energy

Engineering support with extensive product training and application experience

With over 100 years of total application experience in applying advanced technology to the most demanding applications, rest assured, you have a quality partner. Our engineers have the training to ensure that we can service what we sell.

Innovation

Tri-Phase engineers research the latest leading edge products and technologies for each specific application.

Broadest breadth of automation/motion control/safety products from the world's finest suppliers

Our breadth of product allows us to provide our customers with the right product for the application and, in many cases, multiple options. We have the capability to supply complete solutions therefore providing single source solutions and project responsibility. Our vendors are leaders in their categories of market share, worldwide support, and product innovation.

Thorough order tracking and extensive inventory

Our customers have the peace of mind that their orders are placed timely and are tracked from placement to delivery. Our extensive inventory helps to improve lead times while reducing your carrying costs.

Value added services from programming and custom assemblies to complete turn-key systems

We can provide you with the appropriate level of service to meet your needs. If you require a turn-key system, we will work with one of our integration partners to provide a solution.

Comprehensive training on the latest technologies

We represent many leading edge technologies. Contact our engineers to educate you and your staff on the merits, features, and benefits of the latest technology in the industry today.

Cost reduction

Tri-Phase's engineers coupled with our broad product breadth benefits our customers' bottom line in many ways. Our engineers look to be part of your design team and offer multiple product solutions along with product sizing, selection, and proof of concept. The broad breadth provides vendor consolidation opportunities and we carry an extensive inventory improving customers' cash flow.

TRI-PHASE
AUTOMATION

Engineers Supplying Industry