

# EFP INDUSTRIAL AUTOMATION

ERNST FLUID POWER



Speed



Expertise



Accountability



Integrity

**KEEP ON TIME AND STAY IN BUDGET**



## OUR PRODUCTS + SERVICES



Pneumatic Systems



Electric Automation



Process Control Systems



High Pressure Systems



Aluminum Extrusions



Machine Safety



Kitting & Assembly



Collaborative Robots

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### Pneumatic Systems

#### Pneumatic Actuators

- Compact Cylinders
- Guided Thrusters
- ISO Cylinders
- Rodless Actuators
- Round Body Cylinders
- NFPA Cylinders
- Rotary Cylinders

#### Valves

- Air Pilot | Manual | Mechanical
- Discrete | Fieldbus | IO
- Pilot Operated | Check | Logic

#### Air Preparation & Accessories

- Air Preparation
- Accessories

#### Workholding

- Grippers
- Clamps

#### Vacuum

- Cups & Accessories
- Generators & Pumps
- Grippers & End Effectors



### High Pressure Systems

#### Valves | Fittings | Tubing

- Valves
- Fittings
- Tubing

#### Boosters | Amplifiers | Pumps

- Gas Boosters
- Air Amplifiers
- Air Driven Liquid Pumps



### Electric Automation

#### Electric Actuators

- Rodded
- Rodless

#### Motors & Drives

- AC-DC Drives
- Motors & Phase Converters

#### Sensors & Vision

- Photo Optic Sensors
- Displacement Sensors
- LiDar & Area Sensors
- Proximity Sensors
- Rotary Encoders
- Machine Vision Sensors

#### Controls & Enclosures

- SCADA
- Industrial PC
- HMI & HMI + PLC
- PLC
- Temperature Controllers
- Counters & Timers
- Pilot Devices & Connectivity
- Enclosures



### Aluminum Extrusions

#### T-slot Extrusions & Accessories

#### Machine Guarding & Workstations

- Safety Guarding & Enclosures
- Workstations & Carts
- Ergonomic Lift Tables



### Process Control Systems

#### Instrumentation

- Flow
- Level
- Pressure
- Proximity
- Temperature

#### Valves & Regulators

- Solenoid Valves
- Filter/Regulators & Safety Shut-Off Valves



### Machine Safety

#### Hand Controls

#### Light Curtains

#### Safety Relays & Controllers

#### Sensors | Switches | Locks

#### Safety Mats

#### Ergonomics



### Kitting & Assembly

#### Design

#### Kitting | Subassembly



### Collaborative Robots

#### Cobots

#### End Effectors

#### SwitchWeld Navigator™

