



# AUTOMATION









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## LINEAR MOTION & HANDLING

 <ul style="list-style-type: none"> <li>• Profiled linear guide rail and bearing systems</li> <li>• Linear bushings and round shaft guides</li> <li>• Linear actuators and systems</li> </ul>	 <ul style="list-style-type: none"> <li>• Pneumatic valves and valve systems</li> <li>• Pneumatic cylinders and actuators</li> <li>• Sensor and controls</li> <li>• Air preparation systems and accessories</li> </ul>
 <ul style="list-style-type: none"> <li>• Grippers and handling components</li> <li>• Linear guide clamping and breaking elements</li> <li>• Shock absorber and damping solutions</li> </ul>	 <ul style="list-style-type: none"> <li>• Pneumatic valves and valve systems</li> <li>• Pneumatic cylinders and actuators</li> <li>• Sensor and controls</li> <li>• Air preparation systems and accessories</li> </ul>

## ELECTRIC DRIVES & CONTROLS

 <ul style="list-style-type: none"> <li>• Servo and VFD drive systems and motors</li> <li>• Motion, logic and safety controllers</li> <li>• Industrial PC's and HMI's</li> <li>• I/O devices, cables, and accessories</li> </ul>	 <ul style="list-style-type: none"> <li>• Synchronous and Asynchronous motors</li> <li>• Servo and variable frequency drives</li> <li>• Motion control and HMI's</li> </ul>
 <ul style="list-style-type: none"> <li>• Integrated programmable servo drive systems</li> <li>• Control interface and fieldbus devices</li> <li>• Screw and belt drive integrated actuators</li> <li>• Couplings and gear reducers</li> </ul>	 <ul style="list-style-type: none"> <li>• Rotary and angular encoders</li> <li>• Exposed and sealed linear encoders</li> <li>• Digital readout and length gauges</li> </ul>
 <ul style="list-style-type: none"> <li>• Synchronous &amp; Asynchronous motors</li> <li>• Servo and variable frequency drives</li> <li>• Motion control and HMI's</li> </ul>	 <ul style="list-style-type: none"> <li>• Inductive proximity and capacitive sensors</li> <li>• Photoelectric, ultrasonic and pneumatic sensors</li> <li>• Cables, cord sets and connectors</li> <li>• Safety light curtains</li> </ul>



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## POWER TRANSMISSION



- Rolled ball screw drives
- Planetary roller screw drives
- Electro-mechanical cylinders



- Planetary, bevel, and hypoid gear reducers
- Robotic planetary and cycloidal gear reducers
- Rack & Pinion systems
- In-line and right-angle motor mount systems



- Rack and pinion drive components
- Servo worm gear reducers
- Screw jack systems



- Metal bellows and elastomer precision couplings
- Metal bellows and elastomer industrial couplings
- Safety couplings, line shafts, and motor mounts



- Integrated guide and gear rack drive systems
- Multi-axis flexible NC-locating system
- Engineered lifting and positioning systems



- Precision and industrial gear reducers
- Rack & Pinion drive systems
- Rotary and linear servo actuators



- Industrial and precision gearmotors
- Industrial gear reducers
- Precision planetary gear reducers

## PROCESS AUTOMATION & MACHINE SAFETY



- Structural aluminum framing
- Workstations, flow racks, and lift assist systems
- Pallet transfer conveyor systems
- Plastic chain conveyor systems



- Light curtains
- Controllers & interfaces
- Safety devices
- Measurement light curtains
- Accessories



- Engineered systems components
- Industrial hardware
- Visual management and workflow solutions



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