



Faber Industrial Technologies

Supplying Complete Solutions for Automation and Machine Control

Our quality products, people, technology and support add up to your application success

Faber Industrial Technologies is an engineering automation technology center with a specific focus on:

- Motion Control
- Industrial Automation
- Process Filtration
- Process Heating and Controls

Our motion control/industrial automation group offers unique solutions to meet your specific design requirements for:

- Servo & Stepper Solutions: Motion controllers, servo and stepper drives, motors, integrated servo and steppers
- Mechatronics & Actuators: Precision stages, gantries, linear motor positioners, rodless, rod, belt, roller screw actuators, robotics
- Automation Controls: Programmable logic controllers (PLC's), power supplies, fieldbus I/O
- Drives & Motors: AC & DC drives, VFDs, gearmotors, gear reducers
- Operator Interfaces: HMI, industrial computers, SCADA software, touchscreen operator interfaces, touch monitors, message displays
- Sensors: Photoelectric, proximity, laser measurement, limit switches
- Auto ID: RFID, 1D and 2D barcode, machine vision
- Feedback Devices: Incremental, absolute, programmable encoders, linear transducers, linear encoders
- Safety Solutions: Light curtains, interlocks, safety scanners, safety PLCs, safety relays, emergency pull switches, safety mats

We service a variety of industries including medical, semiconductor, pharmaceutical, military, and machine tool, to name a few. Faber's talented team of mechanical, electrical and software engineers provide unique solutions that improve our customers' machines and processes. We provide fast, professional, and complete value-added engineering services.

Our commitment to exceed your expectations — with exceptional application engineering, on-time delivery and competitively priced quality products — is a fundamental measure of your success and ours.



Faber Industrial Technologies

	<ul style="list-style-type: none"> • Single-axis drive/controllers • Multi-axis machine/motion controllers • Servo and stepper drives, motors • Linear and direct drive servo motors • HMI/SCADA, industrial touchscreens, message displays • Precision positioners, gantries, rod and rodless actuators • Gear reducers, in-line and right angle • Structural framing systems 	
	<ul style="list-style-type: none"> • AC drives – V/Hz, open loop and closed loop vector • Motoman robotics: 6-7 axis, collaborative, delta, SCARA, and dual-arm 15-axis robot models • Multi-axis machine controllers • Servo drives and motors • Linear and direct drive servo motors 	
	<ul style="list-style-type: none"> • Single & multi-camera, PC based vision solutions • GigE area scan & line scan cameras • High performance Sherlock & iNspect software • Exceptional vision tools for positioning, measuring, barcode (1D & 2D), OCR, and flaw detection 	
	<ul style="list-style-type: none"> • Piezo-ceramic servo motors for direct drive motion control • Ultrasonic wave linear, rotary stages, and systems • Vacuum compatible and non-magnetic available 	
	<ul style="list-style-type: none"> • Linear position and measurement transducers • Sensors – fiber optic, photoelectric, proximity, capacitive, ultrasonic • Networking & connectivity I/O modules, and cordsets • Smart sensors, RFID 	
	<ul style="list-style-type: none"> • Safety interlock switches, safety mats and light curtains • Non-contact safety sensors • Emergency cable -pull switches • Safety PLCs and safety relays 	
	<ul style="list-style-type: none"> • DC & AC fractional HP gearmotors, AC & DC drives • Brushless/brushed DC motors, gearmotors and drives • High torque direct drive e-TORQ motors 	
	<ul style="list-style-type: none"> • Four-axis high speed pick and place robots & controllers • Five and six-axis fully articulated robots & controllers • Standard and clean room robots • Faber is the regional service center for Denso robot arms 	
	<ul style="list-style-type: none"> • Industrial workstations, monitors and computers • ANDON systems 	























Application engineering solutions for machine and motion control

- System Engineering • Software Development
- Electrical Design • On-Site Support • Training

New Jersey: 973-546-7900 732-572-3434
New York: 212-947-4100 914-739-7889 516-681-9304
Pennsylvania: 610-433-9323

Fax: 973-546-9337
Email: info@faberinc.com
Website: www.faberinc.com

Solutions for motion control and industrial automation

	<ul style="list-style-type: none"> • PLC's & HMI's • Photoelectric Sensors, Fiber optic sensors • Timers, counters, pressure/vacuum sensors • Servo drives and motors 	
 <small>Schneider Electric Motion USA</small>	<ul style="list-style-type: none"> • Revolutionary Hybrid™ technology • MDrive integrated motor and driver • MDrive linear actuators 	
 <small>Exlar Actuation Solutions</small>	<ul style="list-style-type: none"> • Electromechanical actuator replacement for hydraulics • Integrated roller screw and servo motor • High thrust, precise position control, and long life 	
	<ul style="list-style-type: none"> • Precision planetary gearheads • In-line and right angle, high precision • NEMA and metric options, custom gearheads available 	
 <small>... Passionate about Sensors.</small>	<ul style="list-style-type: none"> • Programmable rotary encoders, incremental and absolute • Laser distance measurement, precision glass scales • Ethernet laser sensors, linear displacement transducers 	
	<ul style="list-style-type: none"> • Rotary actuators • Miniature gearheads, cycloidal, zero backlash • Servo mount gearheads 	
	<ul style="list-style-type: none"> • Digital servo and stepper drives • Rugged drives for extreme environments • Analog amplifiers 	
	<ul style="list-style-type: none"> • Multi-axis motion controllers • EtherCAT and PC based controllers and drives • Universal drive modules 	
	<ul style="list-style-type: none"> • Stepper motors, drives, and controls • Digital brushless servo motors, drives, and controls • Integrated stepper motor, drive, and controller 	
	<ul style="list-style-type: none"> • SmartMotor™ compact control system • Integrated servo motor, controller, encoder, and amplifier • RS232, RS485, DeviceNet™ and ProfiBus options 	
	<ul style="list-style-type: none"> • Rotary encoders – absolute and incremental • Thru-bore, shaft and motor mounted designs • Linear encoders – incremental, rack and pinion 	

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	<ul style="list-style-type: none"> • Linear & rotary stages • Linear positioning systems • Ball screw & shaft assemblies, bearings 	
	<ul style="list-style-type: none"> • OEM motors • Brushless/brushed DC motors • Can stack stepper motors (3.6 to 18° step angle) • Can stack linear actuators (7.5 to 15° step angle) 	
 <p>A POPPE + POTTHOFF COMPANY</p>	<ul style="list-style-type: none"> • Couplings: miniature, elastomer, metal bellows, safety • Line shafts • Safety and disc pack couplings 	
 <p>EXCELLENCE IN MOTION</p>	<ul style="list-style-type: none"> • Rodless linear actuators • Rod screw and guided screw linear actuators • Electric actuators, belt and screw driven 	
 <p>stay connected</p>	<ul style="list-style-type: none"> • Cordsets, fieldbus cables, adaptors • I/O systems, distribution blocks • Power supplies, relays, power distribution modules 	
	<ul style="list-style-type: none"> • Sealed and exposed linear encoders • Rotary encoders, EnDat • Length gauges 	
	<ul style="list-style-type: none"> • Control panel fabrication and complete systems • Engineering design and programming services • Field support, on-site startup, and training services • Value added services, kits, and assemblies 	

Let our products, people, technology and support be your resource for application success . . .

- We integrate the best technologies and products available and tailor a custom engineered solution to meet your application, budget and time line requirements
- Custom designs and modified standards
- Systems capabilities
- Demo equipment for evaluation purposes
- Project development assistance and application engineering support
- Programming assistance
- One-on-one engineering training and workshop presentations
- Sensor and vision evaluation lab



Providing engineering solutions since 1954!



1111 Paulison Avenue, Clifton, New Jersey 07011

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