



# JHFOSTER

A Tavoron Company



## PRODUCTS & SERVICES

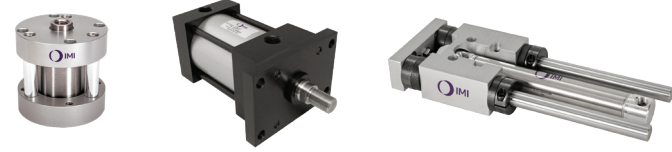


# AUTOMATION



## ELECTRIC ACTUATORS

Compact actuators  
Guided thrusters  
Hollow rotary actuators  
Linear slides  
Rack & pinion  
Rod style actuators  
Rodless actuators



## PNEUMATIC ACTUATORS

Bellow actuators  
Compact actuators  
Double piston cylinders  
Grippers  
Guided thruster  
NFPA actuators  
Rodless actuators  
Rod-style actuators  
Rotary actuators  
Round actuators  
Standard ISO actuators



## SAFETY

Advanced Redundant Control System (ARCS)  
Blow guns  
Lockout-tagout valves  
Low-temperature valves  
Machine guarding  
Pneumatic isolation valves  
Pneumatic locking units  
Quick couplers  
Safe I/O modules  
Safety valves  
Tamper-proof valves



## MOTORS & DRIVES

AC geared motors  
Brushless DC motors  
Geared motors  
Rack & pinion drives  
Servo motors  
Stepper motors  
Synchronous servo motors



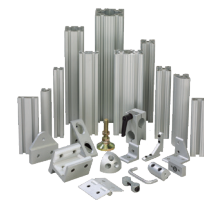
## AIR PREPARATION

Combination F/R units  
F/R/L units  
Filters  
Flow sensors  
Lubricators  
Regulators  
Soft start valves



## VALVES

Custom valve assemblies  
Diaphragm valves  
Directional control valves  
Fieldbus & I/O communication  
Flow control valves  
Manual valves  
Mechanical valves  
Mini valves  
Pinch valves  
Poppet valves  
Proportional valves  
Quick exhaust valves  
Safety valves  
Solenoid valves  
Specialty application valves



## GUARDING & ACCESSORIES

80/20 Aluminum Framing  
Hydraulic Lift Systems  
Mounting Solutions



## SENSORS

Capacitive sensors  
Condition monitoring  
Encoders  
Flow sensors  
Inductive sensors  
Photoelectric sensors  
Position indicators  
Pressure sensors  
Temperature sensors  
Ultrasonic sensors



## HYDRAULICS

Cylinders  
Fittings  
Gauges  
Couplers



## ROBOTICS

4-axis robot  
6-axis robot  
Arc welding robot  
Camera mount kit  
Cleanroom robot  
Collaborative Robots  
Custom bases  
Dual arm scara robot  
End-of-Arm tooling  
Grippers  
Guarding  
Humid environment robot  
Medical & pharmaceutical robot  
Mobile workstations  
Polarizer light module  
Stericlean robot  
Tool changers



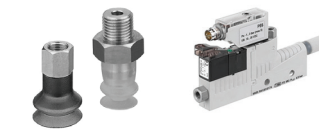
## FITTINGS, TUBING & ACCESSORIES

Accessory valves  
Alignment couplers  
Ball valves  
Barbed fittings  
Blow guns  
Brass fittings  
Controllers & sequencers  
Cushioned clamps  
Electrical connection technologies  
Electroless nickel fittings  
Fieldbus & I/O technology  
Gas springs  
Manual & pneumatic clamps  
Metric tubing  
Mounting blocks & brackets  
Nickel plated brass fittings  
Nickel plated brass push  
Nylon tubing  
Pneumatic connection technologies  
Polymer push-in fittings  
Polyethylene tubing  
Polyurethane tubing  
Pressure gauges  
Push-in tube fittings  
PVC tubing  
Quick disconnect fittings  
Recoil assemblies and fittings  
Recoil hoses  
Rotary Dampers  
Rotary joints  
Shock absorbers  
Stainless steel fittings  
Threaded fittings  
Tubing accessories



## PNEUMATIC SENSORS & SWITCHES

Distance measuring sensors  
Flow sensors  
Pressure & vacuum switches  
Pressure switches  
Proximity sensors  
Proximity switches  
Reed switches  
Solid state switches  
Valve indication

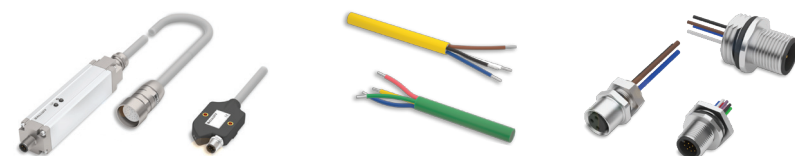


## VACUUM CUPS & GENERATORS

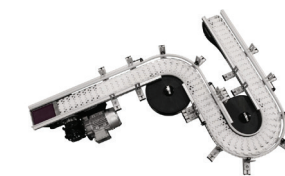
Air amplifiers  
Non-contact transfer units  
Sensors  
Vacuum cups  
Vacuum generators  
Vacuum grippers



## BARCODE & RFID



## CABLING, INTERFACES & ACCESSORIES



## CONVEYORS



## INDUSTRIAL WIRELESS & COMMUNICATION



## UL PANELS & COMPONENTS

# COMPRESSED AIR



## AIR COMPRESSORS

- |  |  |   |   |
|--|--|---|---|
| Oil-lubricated<br>- Rotary Screw<br>- Reciprocating<br>- Rotary Vane | Oil-free and Oil-less<br>- Rotary Screw<br>- Rotary Tooth<br>- Scroll<br>- Water-sealed<br>- Reciprocating | Medical & Vacuum Packages<br>- Rotary Tooth<br>- Scroll<br>- Rotary Screw<br>- Piston | Climate Control<br>- Reciprocating<br><br>Centrifugal |
|--|--|---|---|



## BOOSTERS

- Oil-lubricated  
Oil-free



## BLOWERS

- Positive Displacement  
Regenerative



## FLUID COOLING SYSTEMS

- Process Chillers  
Dry Coolers  
Oil Coolers  
Aftercoolers



## NITROGEN GENERATION

- Modular  
Membrane  
PSA



## AIR FILTERS

- Mist Eliminator  
Particulate  
Coalescing  
Activated Carbon/Vapor  
Inlet  
Silencers

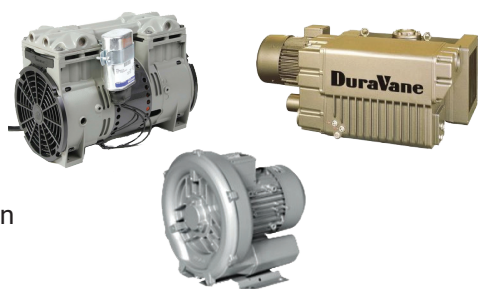


## DRYERS

- |   |  |
|---|--|
| Refrigerated<br>- Cycling<br>- Non-cycling<br>- VSD<br>- Digital Scroll<br>Membrane | Desiccant<br>- Heatless<br>- Externally Heated<br>- Blower Purge |
|---|--|

## VACUUM PUMPS

- Liquid Ring  
Rotary Vane  
Regenerative  
Diaphragm  
Rotary Screw  
Dry Claw  
Articulating Piston  
Linear



## PLANT AIR PIPING

- AIRpipe Aluminum  
AQUApipe Stainless Steel  
Transair Aluminum  
Transair Stainless Steel  
AirNet Aluminum  
AirNet Stainless Steel



## ACCESSORIES

- |  |   |
|--|---|
| Heat Exchangers<br>Flow Meters<br>Condensate Drains<br>Check Valves<br>Air Tanks<br>Oil/Water Separators | Pressure Flow Controllers<br>Oil Filters<br>Lubricants<br>Maintenance Kits<br>Breathing Air Systems |
|--|---|



# RENTALS

At JHFOSTER, we know air compressors are vital to industrial operations. Our high-performance rentals ensure continuous production and minimize downtime, whether for routine use or emergencies. When equipment fails or demand surges unexpectedly, our rapid-response rentals provide reliable air power to keep your operations running smoothly, ensuring you're never caught unprepared.

## ELECTRIC AIR COMPRESSORS

HP: 50-450 CFM: 200-1700 Pressure Range: 125-175

- Stable On-Site Air Supply: Provides clean, dry air ideal for sensitive applications.
- Available Accessories: Includes hoses, fittings, fuel tanks, valves, regulators, and more.
- Factory-Trained Technicians: Our team is available to ensure smooth operation and minimize downtime.
- 24/7 Availability: Our service is always ready to support your operations whenever needed.



## PORTABLE DIESEL COMPRESSORS

ACFM: 750-1600 Pressure Range: 100-500

- Built for Durability: Designed to handle demanding environments and ideal for construction projects requiring portable air supply.
- Minimal Maintenance: Low maintenance requirements reduce operational disruption.
- Easy to Transport: Heavy-duty chassis enables easy towing to job sites.



## AIR DRYERS & FILTERS

CFM: 500-6000 Pressure Range: Low to high pressure

- Prevent Moisture Damage: Air dryers eliminate rust and corrosion that could damage equipment and materials.
- Improved Product Quality: Keep your production process running smoothly by eliminating moisture contamination.
- Customizable Options: Available to meet your unique pressure and quality requirements.





Founded in 1938, JHFOSTER, a Tavoron Company, began as a one-man business. Today, we are a leading distributor of Industrial Compressed Air Systems along with Robotics & Automation Solutions and operate out of a 30,700 square-foot facility headquartered in Eagan, Minnesota. Regardless of your industry, we're here to guide you through your journey. From traditional industrial applications to leading edge technologies, we can help you stay ahead of the competition.

# SERVICE & PIPING

## SERVICE

JHFOSTER offers the complete package when it comes to servicing your compressed air system equipment. Along with extensive on-boarding and ongoing training, our 18+ technicians have 130+ years combined service experience to ensure the highest quality of service possible.

## PIPING & INSTALLATION

We have a full range of piping and installation options from a simple pump replacement to a full turn-key installation of equipment or piping. Our technicians pay attention to all maintenance points on machinery and consider ways to reduce condensation and pressure drops.



- Knowledgeable in most brands on the market - even those we don't sell
- Fully stocked service vehicles
- 24/7 emergency service
- Vast selection of repair parts and lubricants
- "ASSE 6040 certified" technicians for medical systems
- Compressed Air Service Protection Plan
- Parts Program
- Aluminum piping for corrosion resistant systems
- Compressor room and plant layout drawings
- Fluid cooling installations for open or closed circuit systems
- PVC or Transair piping for vacuum systems
- Condensate management solutions

## AIR SYSTEM AUDITS

- Energy Engineer performs a system analysis and offers air system efficiency recommendations.
- Compressed air systems present one of the largest and most frequent opportunities for energy reduction in industrial facilities.

- Air compressor audits help you save significant amounts toward your total annual operating costs.
- We partner with local utilities to facilitate energy savings through their efficiency programs.

# WHO WE ARE

## TRUSTED

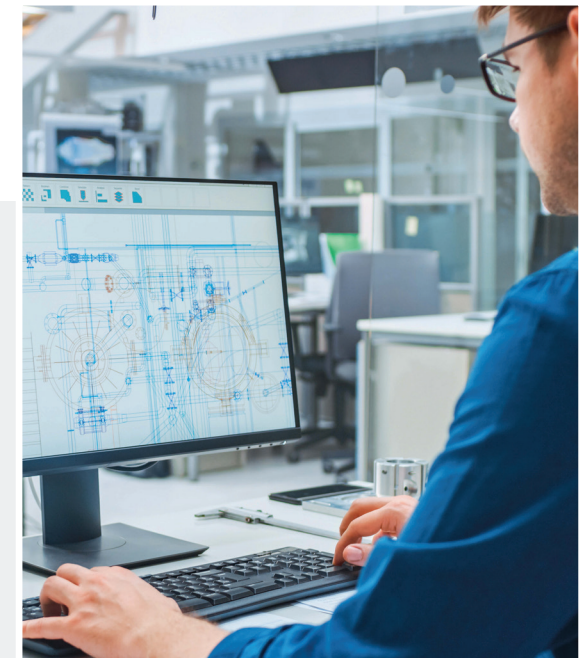
From our sales team to our engineering support, the brightest minds in automation are pushing the boundaries to define new possibilities. Our customers know we are purpose driven problem solvers who they depend on to deliver technology that fits their budget and works in their real world applications.

## COLLABORATIVE

Our portfolio spans automation motion control, compressed air, and robotics. By operating as a balanced business model, each business has the flexibility to focus on what's important- exceeding customer expectations. What makes us different is our ability to share best practices, work as a team, and bring together a diverse suite of products to provide unmatched value to our customers.

## INNOVATIVE

In a fast paced and increasingly complex manufacturing landscape, JHFOSTER is anticipating and responding to the challenges our customers face to deliver modern technology for modern automation. We are investing in state of the art technology paired with the capabilities to develop custom designs and network systems to create a more agile automation environment and improve our responsiveness to our customers changing needs.



## SUPPLY & DEMAND

Our comprehensive expertise in both Supply and Demand solutions enables us to deliver high-performance automation and industrial support tailored to your needs.

**Demand Capabilities:** We specialize in advanced automation, motion control, and safety solutions, including UL automation control panels, robotics, aluminum framing, and leak detection systems.

**Supply Capabilities:** Our offerings include compressed air equipment, expert piping installation, energy audits, and 24/7 service support, ensuring efficient and reliable operations.

# JHFOSTER

A Tavoron Company

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