

ATLAS

COMPRESSED AIR

POWERING YOUR FACILITY WITH
RELIABLE COMPRESSED AIR SOLUTIONS.

 **SULLAIR** *Official Sullair Distributor*

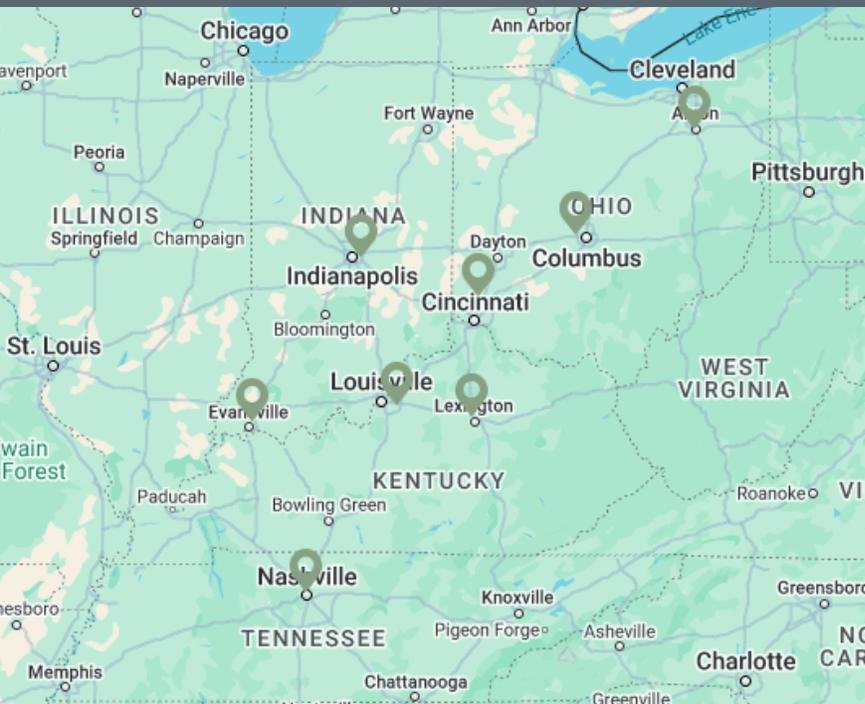
ABOUT ATLAS

SINCE 1907

Atlas Machine & Supply, Inc. is a fourth-generation, century-old, family business renowned for its excellence in the industrial services industry. With a focus on caring for both customers and employees, the company engineers, repairs, and manufactures complex manufacturing equipment, and is a leading provider of industrial air compressor solutions, providing services across the nation and the ability to travel worldwide.

ABOUT OUR COMPRESSED AIR DIVISION

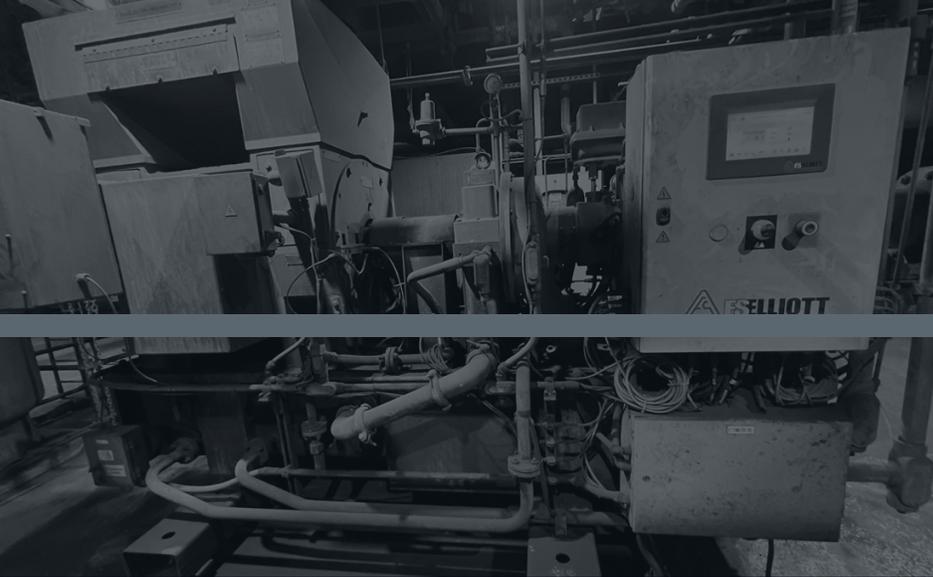
Atlas Machine & Supply's Compressed Air Division offers an extensive range of compressed air solutions with trained technicians in Kentucky, Indiana, Ohio, and Tennessee. Atlas offers Industry leading solutions for compressed air systems, including New and used options for capital equipment, maintenance and breakdown parts, field service, engineered services, and rentals. Atlas Machine can repair and maintain any compressed air system regardless of the manufacturer. With unparalleled service and swift response, our compressed air division is leading the way in compressed air solutions.



PROVIDING EXPERT COMPRESSED AIR SOLUTIONS FROM EIGHT CONVENIENT LOCATIONS

- 📍 Cincinnati
- 📍 Cleveland
- 📍 Columbus
- 📍 Evansville
- 📍 Indianapolis
- 📍 Lexington
- 📍 Louisville
- 📍 Nashville

And surrounding areas!



YOUR CHOICE FOR COMPRESSED AIR SOLUTIONS

Atlas's Compressed Air Division offers an extensive range of compressed air solutions with trained technicians in Kentucky, Indiana, Ohio, and Tennessee. Customers in the region benefit from working with a company with a remarkable legacy of success, backed by over a century of expertise, solidifying Atlas Machine & Supply's Compressed Air Division as a trusted leader in the industry.

OUR SERVICES

The division's various OEM partnerships ensure ample access to premium products, and it offers a comprehensive range of services, including compressed air products, services, parts, rentals, oil-free solutions, and the servicing of other compressed air systems, regardless of the manufacturer. With unparalleled service and swift response, our compressed air division is leading the way in compressed air solutions.

-  **New & Used Equipment**
-  **Service**
-  **Engineering Services**
-  **Installation**
-  **Parts**
-  **Rentals**

Expert And Experienced



Quick 24/7/365 Response



Comprehensive Services



OIL FLOODED ROTARY SCREW COMPRESSORS

EFFICIENT & RELIABLE

Rotary Screw compressors are widely used for their cost-effectiveness and performance. While most are air-cooled, some installations require water-cooling.

DESIGNED FOR RELIABILITY & DURABILITY

When compressed air is essential, uptime matters. Sullair oil-flooded industrial compressors deliver high performance, energy efficiency, and minimal downtime—keeping your operation running smoothly.

KEY FEATURES

- Legendary Sullair Air End for durability
- Designed for ease-of-use
- Engineered for easy maintenance

BROAD INDUSTRIAL COMPRESSOR LINEUP

- **Power:** 5 – 600 hp (4 – 450 kW)
- **Flow:** 13 – 3000 cfm (.36 – 84.9 m³/min)
- **Pressure:** 100 – 500 psi (7 – 34.5 bar)



COMPRESSED AIR TREATMENT

SOLUTIONS FOR PEAK PERFORMANCE

Atlas proudly partners with industry giants like Sullair, BEKO, Parker, and Clean Resources to deliver top-notch compressed air treatment solutions. Our collaboration ensures that we bring unmatched expertise and advanced technologies to meet your industrial needs.

Trust us to provide reliable and efficient solutions that enhance your operations and drive success. Together, we set the standard in compressed air treatment, prioritizing your business's performance and growth.

REFRIGERATED COMPRESSED AIR DRYERS

ENERGY EFFICIENCY.
LOW PRESSURE DROP. SUSTAINABILITY.



- Energy-efficient & sustainable design
- Maintains a stable dewpoint in all conditions
- All-in-one heat exchanger for optimized efficiency & low pressure drop
- Uses Low Global Warming Potential (GWP) R-513A refrigerant
- Compact & easy-service design for convenience

Flow
10 - 6000 cfm
.3 - 169.9 m³/min

Pressure
203 - 232 psi
14 - 16 bar

DESICCANT AIR DRYERS

CLEAN, DRY COMPRESSED AIR IS ESSENTIAL



- Designed for critical applications requiring dry compressed air
- Removes contaminants like water, dust, bacteria, and acids
- Protects equipment and reduces maintenance costs & downtime
- Ideal for low dew point applications (-40°F/-40°C, optional -100°F/-73°C)

Flow
13 - 7500 cfm
.08 - 212.4 m³/min

Pressure
58 - 232 psi
4.0 - 16.0 bar

OIL FREE COMPRESSORS

CENTRIFUGAL

With a dedicated Turbomachinery division specializing in centrifugal and oil free rotary screw compressed air systems, Atlas Machine & Supply, Inc. has the expertise to help with any oil-free need, parts, products, service, and even engineering. These systems are the gateway to air quality. Oil often reduces the quality of air, increasing maintenance, time to clean, and cost of ownership. Oil-free compressors are becoming the preferred solution due to the long-term cost savings.

CENTRIFUGAL COMPRESSOR BASICS

- **Centrifugal Force:** Uses spinning, backward leaning impellers to accelerate gas or air from the inducer of the impeller outward, increasing velocity.
- **Radial diffuser:** Slows down the air converting the kinetic energy from the velocity of the air or gas to potential energy in the form of pressure.
- **Intercooling:** Allows the heat of compression to be dissipated
- **Compression Stages:** Multi-Stage design with Impellers, Diffusers, and intercoolers allow the efficient compression of air to required output.
- **Compressor Controls:** Allow for the efficient turndown of the compressor to match the demand of the air system while monitoring critical health parameters of the machine.

PRODUCTS

P300-P700: From 250 hp to 3,000 hp in two and three-stage configurations that deliver up to 250 psig discharge pressure.



Compressor Control Systems:

- R1000
- R2000
- R3000



ROTARY SCREW

Compressed air is essential across industries like pharmaceutical, food & beverage, life sciences, packaging, automotive, and electronics. Sullair, backed by Hitachi engineering, delivers dependable, high-performance rotary screw compressors to keep operations running smoothly.

Oil-free rotary screw compressors provide superior air quality and energy efficiency. According to the U.S. Department of Energy, electricity accounts for 75% of a compressor's total lifecycle cost. Sullair's DSP line is optimized for efficiency, giving Atlas Machine & Supply the best solutions for maximizing rotary screw compressor performance.

DSP SERIES COMPRESSORS



DS & DSP:
From 30 hp to 600 hp that deliver up to 145 psig discharge pressure.

- Industry-best 3-year warranty (with genuine DSP parts)
- Handles ambient temperatures up to 104°F (40°C)
- Noise-reducing design with full enclosure & vibration isolation
- VSD fan for efficiency
- DCBL motors in VSD packages under 100 hp (75 kW)
- External grease fittings for 50 hp (37 kW) and larger motors
- Easy access to air & oil filter elements

AFTERMARKET OIL FREE ROTARY SCREW AIR ENDS AND PARTS



- Complete line of oil-free "z" elements
- Stage 1- stage 6 in stock in the U.S.
- "Z" install / fitting kits
- "Z" 4,000-40,000 hour maintenance and overhaul kits
- "Z" inter-coolers and after-coolers
- Full line of "z" series parts including
- Pressure sensors, solenoid valves, check
- Valves, coupling rubbers and more
- "Md" dryer drums & maintenance kits
- "Md" de-mister pads 2r, 2t, 2e, 2a

NITROGEN GENERATION

MAKE NITROGEN AT YOUR FACILITY

TAKE CONTROL OF YOUR NITROGEN SUPPLY

Why rely on expensive nitrogen deliveries when you can produce your own? With just a compressor, dryer, and nitrogen generator, you can eliminate wait times and cut costs. Atlas Machine will audit your system and engineer a custom package to gain full control over your N2 supply chain packages to gain full control over your supply chain—and never wait for nitrogen again!

HOW THEY WORK:

Pressure Swing Adsorption (PSA):

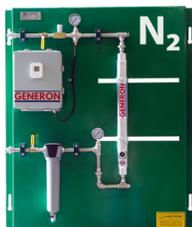
Uses a carbon sieve to separate nitrogen from compressed air, removing oxygen and impurities.

- Higher purity up to 99.99%
- Reliable and safe solution
- Supervise process with remote monitoring
- Automatic performance graphs



Membrane Technology: Semi-permeable membranes filter out oxygen and moisture for high-purity nitrogen, ideal for lower-purity applications.

- Lower purity
- Less complicated
- Full automation
- Minimal maintenance
- Small carbon footprint



NITROGEN GENERATORS: COST-EFFECTIVE & RELIABLE

Purity Level – 90% - 99.99%

Quantity – 200 - 300,000 cubic feet per hour

Pressure – 15 - 6,000 PSIG

KEY BENEFITS:

- **Cost Savings:** Eliminates recurring costs of purchasing and transporting nitrogen.
- **Continuous Supply:** Ensures a steady nitrogen flow with no downtime.
- **Consistent Quality:** Delivers the exact purity level needed for your application.
- **Eco-Friendly:** Reduces carbon footprint by eliminating nitrogen transport.

COMMON APPLICATIONS:

- **Food & Beverage:** Extends shelf life and preserves freshness.
- **Pharmaceuticals:** Ensures product stability and prevents contamination.
- **Electronics:** Protects sensitive components from oxidation.
- **Metallurgy:** Creates a protective atmosphere for metal processing.

*Offering premium nitrogen solutions by
Pneumatech, Peak Scientific, and Parker*

CARE PROGRAMS

CHOOSE FROM FOUR UNIQUE SERVICE PLANS TO MEET YOUR COMPANY'S NEEDS FOR ANY SYSTEM

	PARTS CARE	PRO CARE	PRO CARE PLUS	ATLAS CARE
Hourly Labor Rate				
Reminder Service	✓	✓	✓	✓
Even Billing	✓	✓	✓	✓
50-Point Inspection		✓	✓	✓
24/7 Online Inspection Form Access		✓	✓	✓
Priority Scheduling		✓	✓	✓
No Overtime Labor Fees		✓	✓	✓
No Mileage/Service Run Fees		✓	✓	✓
Annual Performance Review		✓	✓	✓
Warranty Compliance Processing		✓	✓	✓
Oil Sampling Submissions		✓	✓	✓
Factory Certified Technicians		✓	✓	✓
Minor Component Coverage			✓	✓
Annual Compressed Air Audits				✓
All-Inclusive Coverage				✓
PREFERRED DISCOUNTS				
Air and Energy Audits	5%	15%	20%	20%
Rentals	5%	15%	20%	20%
New Equipment		5%	5%	5%

FIELD SERVICE

MAXIMIZING PERFORMANCE, MINIMIZING DOWNTIME.

Atlas delivers expert support to ensure your equipment operates at peak performance. Our factory-certified technicians provide seamless installation, start-up commissioning, and refurbishment of major components to OEM standards. We offer custom design modifications, control system upgrades, and integration options for Building Management or Automation Systems. Our comprehensive maintenance plans include filtration solutions, condensate management, and environmental protection features to extend equipment life, even in harsh operating conditions.

EXPLORE OUR FULL RANGE OF FIELD SERVICES:

- Integration options into Building Management or Automation Systems
- Maintenance Plans
- Condensate Management
- Filtration Solutions
- Application & Equipment environmental protection through advanced features (e.g. Steel Diffusers for harsh environments with higher concentrations of airborne particulates).
- Factory-certified technicians and management.
- Installation and Start-up Commissioning services.
- Refurbished major components back to OEM standards, testing, and certifications.
- Auxiliary Upgrades
- Control Systems
- Design Modifications
- Customizations



ATLAS IQ

SMART MONITORING FOR INFORMED DECISIONS

MONITORING SYSTEMS

OPTIMIZE PERFORMANCE WITH ATLAS IQ

Atlas IQ is an advanced, real-time monitoring system designed for the compressed air industry, providing unmatched insight into equipment operations. Unlike competitor systems that are brand-specific, Atlas IQ is brand-agnostic, making it adaptable to both modern and legacy equipment across various industrial applications—not just air compressors.

Developed by a former service technician, Atlas IQ is easy to install, affordable, and built for seamless integration. Its intuitive app delivers real-time data and proactive alerts, ensuring optimal equipment performance, minimizing downtime, and enabling a responsive, predictive maintenance approach. With Atlas IQ, you stay ahead of potential issues—before they become costly problems.



COMPRESSED AIR AUDITS

BASELINE SYSTEM EVALUATIONS:



Includes:

- Annual Cost
- System Efficiency
- Pressure & Flow Profiles
- Individual Compressor Performance
- Identifying Pressure Problems

SIZING OF NEW EQUIPMENT:



Includes:

- Recommendations
- System Simulations
- Sizing of Compressors/Dryers
- Control Solutions

ULTRASONIC LEAK SURVEYS:



Includes:

- Identifying Points with Individual Leak Tags
- Comprehensive Report of leak details, cost, and estimated compressed air loss.

WHY CHOOSE OUR COMPRESSED AIR AUDIT SERVICES?



EXPERTISE:

Skilled engineers and techs focused on compressed air systems.



CUSTOMIZED SOLUTIONS:

Audits tailored to your facility's specific needs.



COST-BENEFIT ANALYSIS:

Clear analysis of recommended improvements and ROI.



ENERGY EFFICIENCY:

We identify ways to reduce energy use and cut costs.



REBATE POSSIBILITIES:

We explore available energy rebates from your provider.



COMPREHENSIVE REPORTING:

Detailed summary of your system and improvement plan.

ALL SYSTEM AUDITS PERFORMED BY U. S. DEPARTMENT OF ENERGY (D.O.E.) AIRMASTER+ SPECIALIST!

Maximize your operational efficiency with Atlas Machine's Compressed Air Audit Services, meticulously designed to identify and eliminate energy waste in your compressed air systems. Our audits include baseline system evaluations, ultrasonic leak detection, and sizing of new equipment to ensure optimal performance. Each audit is tailored to your facility's specific needs, delivering clear recommendations, detailed reporting, and potential rebate opportunities.

COMPRESSED AIR AUDIT PROCESS

Our 6-step process ensures optimal system performance and efficiency:



STEP
01

Consultation - Understand your needs and goals.

STEP
02

System Assessment - Evaluate current air system performance.

STEP
03

Data Collection - Gather key operational metrics.

STEP
04

Efficiency Analysis - Identify areas for improvement.

STEP
05

Recommendations - Provide detailed solutions for optimization.

STEP
06

Implementation Support - Assist with executing improvements.

CUSTOM INSTALLATION AND PROJECT MANAGEMENT SERVICES

TURNKEY AIR SYSTEMS,
EXPERTLY DESIGNED AND DELIVERED.

Atlas Machine & Supply provides turnkey air compressor installation and integration, handling everything from system design to equipment supply, installation, and maintenance.



OUR SERVICES

- **System Design** – Equipment selection, layout, and future scalability
- **Equipment Supply** – Compressors, dryers, cooling towers, and receiver tanks
- **Project Management** – Full installation, piping, commissioning, and oversight
- **Maintenance & Support** – Long-term parts supply and service agreements

WHY CHOOSE ATLAS?

- **Single-Source Solution** – We manage your entire project, simplifying coordination.
- **Industry Expertise** – Decades of experience in compressed air system design, installation, and optimization.
- **Efficiency & Reliability** – Our solutions reduce energy costs, minimize maintenance, and ensure peak performance.

Atlas Machine ensures your compressed air system is fully optimized, energy-efficient, and built for long-term success.

ATLAS

COMPRESSED AIR

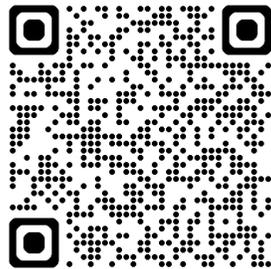


**EMERGENCY
SERVICE**

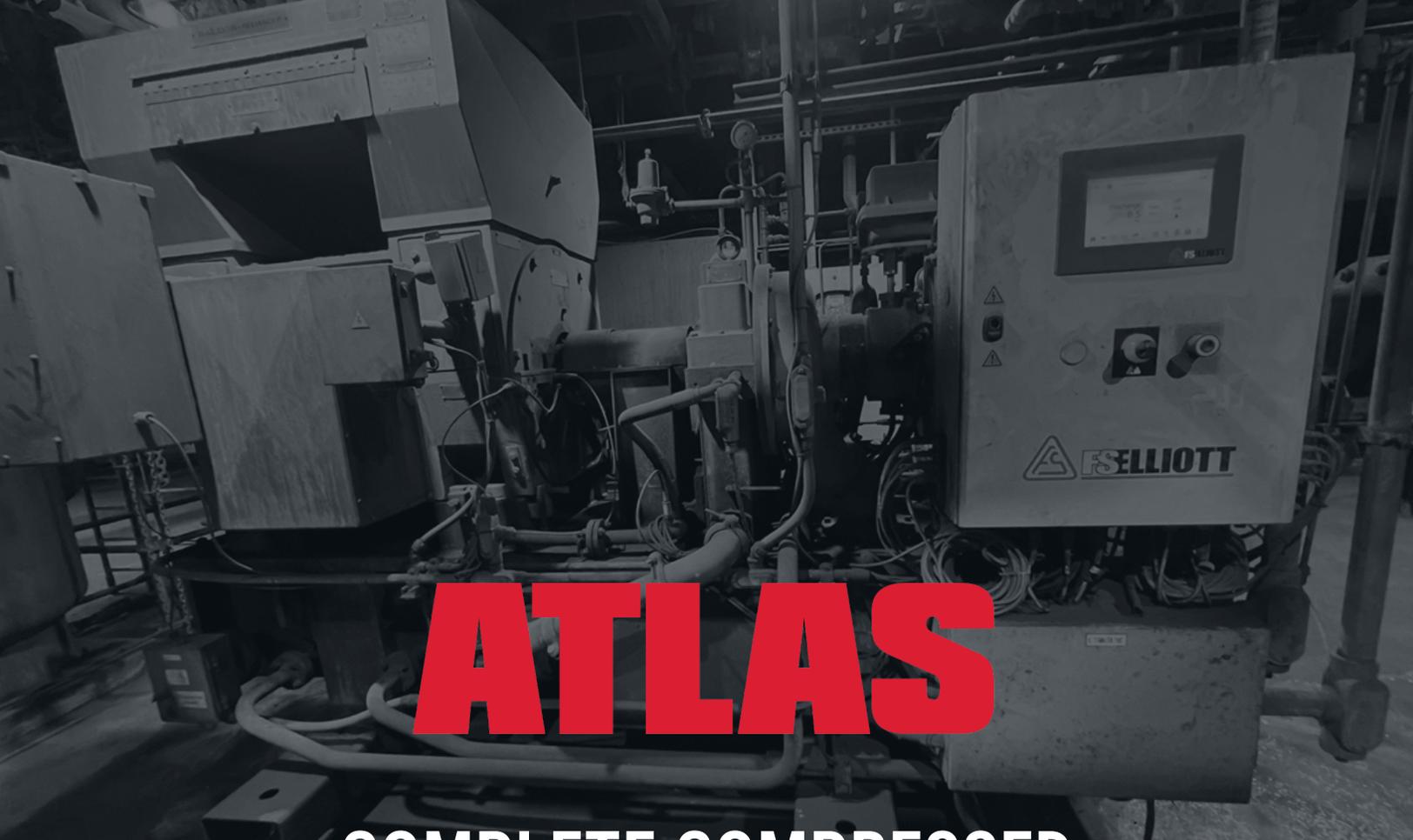
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CALL 1-855-GO-ATLAS**



PROUDLY SERVING KENTUCKY, INDIANA, OHIO, AND TENNESSEE!



REQUEST A QUOTE



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COMPLETE COMPRESSED AIR SOLUTIONS



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POWERED BY PEOPLE