

Mechanical Solutions



Equipment goes down. Natural disasters occur. Immediate access to a global network of rental air compressors, and reliable, trained technicians, keeps you running, regardless of the emergency. Unplanned events don't need to halt business. Minimize costly interruptions by knowing today where you will turn if your system goes down tomorrow.

Centrifugal Air Compressors

- Cameron, Centac, MSG, Cooper, Joy, Turbo Air
- 125 - 6,000 HP / 500 - 35,500 cfm

Oil-Flooded Rotary Screw Air Compressors

- 5 - 350 HP single-stage compressors
- 125 - 500 HP two-stage compressors
- Variable speed drive options available
- Tank-mounted & stand-a-lone receiver tanks

Reciprocating Air Compressors

- Two-stage gas and diesel-powered
- 3 - 5 HP single-stage electric 135 psig
- 2 - 40 HP two-stage electric 175 psig
- 1 - 15 HP oil-less electric 175 psig
- 2 - 20 HP high-pressure electric 5,000 psig

Heat Exchangers & Cooling Towers

- API 661 process air-cooled heat exchangers
- Shell & tube heat exchangers
- Plate & frame heat exchangers
- Air cooled heat exchangers
- Hairpin heat exchangers
- Custom & standard finned coils & radiators
- Modular & field erected cooling towers
- Replace & repair shells and tube bundles

Engineered Product Solutions

- Completely integrated compression and gas generation systems (blowers, pumps, compressors, vacuum, heat exchangers, cooling towers)
- Capability for a variety of mediums & gas production/generation (nitrogen, air, & process gas)
- Customizable options to meet your project needs, requirements & specifications

Service

- 20+ factory-certified technicians for all products
- 24/7/365 field & shop service capabilities
- Commissioning and start-up services
- Short and long-term service agreements
- Field & shop heat exchanger cleaning services
- Air audits & leak detection services
- Emergency Repair 281-820-0000

Oil-Free Air Compressors - ISO Class 0

- 3 - 40 HP scroll compressors 145 psig
- 50 - 450 HP rotary compressor 150 psig

Low Pressure Blowers & Vacuum

- Bi-lobe, tri-lobe blowers and vacuum pumps
- Process gas/steam compression/gas boosting
- Applications up to 18 psig / 18 inHg and 12,000 cfm
- Technologies include piston, oil-sealed rotary vane, dry claw, dry screw, & liquid ring

Air Dryers

- Modular air dryers 3 - 177 cfm
- Refrigerated air dryers 7 - 24,000 cfm
- High-pressure refrigerated air dryers
- Desiccant air dryers 90 - 10,000 cfm

Purification and Filtration

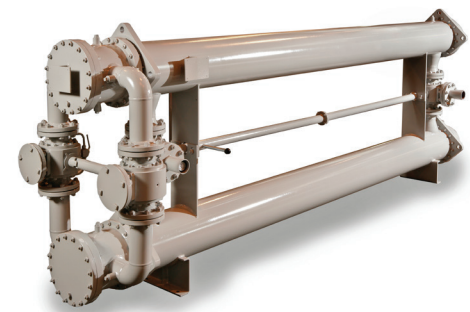
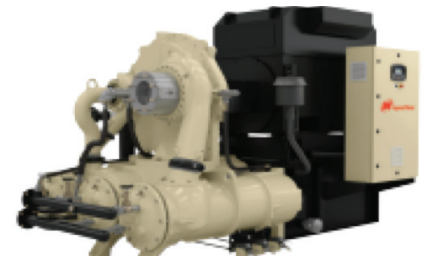
- Activated carbon 0.003 micron elements
- High efficiency oil removal 0.01 elements
- Liquid, water & oil 1 micron elements
- Dust particulate 1 micron elements
- Manual & automatic water strainers
- Process strainers
- Packaged filtration systems
- Membrane reverse osmosis (RO) systems
- Switch filtration elements

Rental Solutions

- Centrifugal, oil-free and rotary screw fleet
- Low pressure blower & fan fleet
- Air dryers & heat exchangers
- Dehydration & oil cleaning systems
- Units available for various environments
- Fast & efficient delivery services
- Ancillary equipment (hoses, wire, etc.)
- Lease-to-own options

Turnkey Installations

- Piping - aluminum, weld pipe, copper, steel
- Air ducting & ventilation systems
- Electrical installation
- Concrete & foundations
- Protective structures
- Arrange for cranes & fork lifts



Stay ahead of planned downtime and anticipate seasonal demand increases with a contingency plan designed for your facility's needs. From financial analysis and risk assessment to system prioritization and plant evaluation, you'll have the knowledge you need to cost-effectively scale your air demands, no matter the situation. The more prepared you are, the quicker you'll be back up and running at peak efficiency.



Reliability, equipment uptime optimization and utilization are key elements to the manufacturing process. As an owner of state-of-the-art compressed air equipment, you expect nothing less. To take good care of your compressed air system throughout its entire lifecycle, you need to perform planned preventive maintenance at prescribed service intervals. Relevant Solutions can help you implement a regular service routine backed by certified service professionals who inspect and use diagnostics, with the goal of identifying opportunities for efficiency and reliability improvements while reducing downtime.



9900 Sam Houston Centre Drive, Houston, TX 77064 | 5455 TX-347, Nederland, TX 77627 | 3150 Premier Drive, Irving, Texas 75063
 8107 Springdale Road, Austin, TX 78724 | 4910 Leopard Street, Corpus Christi, TX 78408 | 10810 E HWY 191 Frontage Rd, Midland, TX 79707
 6335 S Western Amarillo, TX 79110 | 128 Spinner Drive, Broussard, LA 70518 | 9429 W Reno Avenue, Oklahoma City, OK 73127