

HTE Compressed Air & Abrasive Blast Solutions

Compressed Air Energy Audits
Planned Maintenance Programs
Local Emergency Repairs
Compressor & Dryer Rentals
Oil-Free Compressors
Oil-Injected Compressors
N₂ Generation Systems
Process Blower Systems
Parts & Lubricants
Abrasive Blast Equipment
Abrasive Blast Media
Abrasive Blast Parts





TECHTEAM ASSEMBLED SOLUTIONS & SERVICES

YOUR PATH TO PEAK SYSTEM PERFORMANCE

**HTE
Energy
Incentive
Maximization
Program**

- Reduce Energy Costs
- Increase Productivity
- Reduce Repair Costs
- Improve Reliability

Energy Saving Incentive Program Maximization – HTE's engineering and auditing staff maximizes your return on any incentives offered by utility or government programs.

Supply-Side, Demand-Side & Leak Detection Audit Programs – Optimizing the balance between capital expenditures and life-cycle operating costs using demand and supply-side audits.

Compressor Field Service & Training – 24/7 support at the level you need. Emergency service, scheduled repairs, or multi-tiered PM Agreement options.

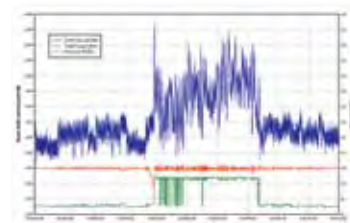
Air System Remote Monitoring – 24/7 monitoring of your air compressor's operating condition. Provides advanced warning of problems so that you can avoid production disruption.

Air System & Piping Installation – Planning, design, and completion of efficient equipment installation.

Rental/Lease Programs to Maximize ROI – Flexibility to ensure budgetary success for your project.

Skidded Systems – Maximum application versatility; easy to install and maintain.

Blast Media Evaluation Services – Get professional help in deciding the best media to use for your application.



**Industry leading
energy-efficient
equipment**

Sustainable Productivity





RELIABLE LOCAL SUPPORT

Helping You Keep Your Compressed Air System Running at Peak Efficiency

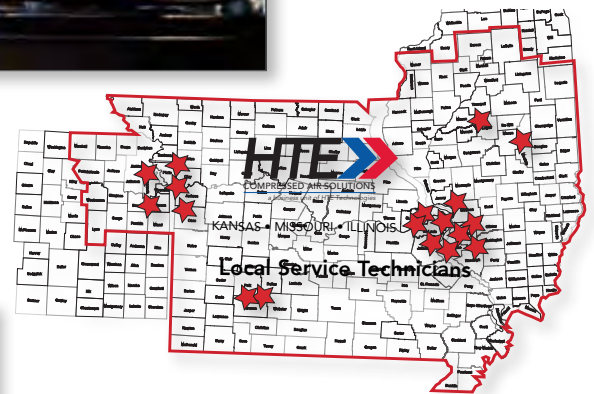
HTE's experienced and flexible compressor service team is experienced at working with plant maintenance departments at many levels.

Some own equipment, but otherwise want nothing to do with it. For you, we offer a **comprehensive maintenance, auditing, and extended warranty program.**

Other plants want factory-trained technicians to go **beyond maintenance** and periodically ensure that their system continues to meet their plant's changing demands.

Still others want **routine maintenance** services performed by a factory trained technician.

And then there are those who simply want an expert to train their technicians, **inspect their work**, and keep them on schedule. For you, we also have a program.



800.444.4831

Call for 24/7 support and on-site emergency service
by our team of factory-trained technicians.





OIL-INJECTED COMPRESSED AIR SYSTEMS

Atlas Copco

Atlas Copco's 119-year history in the air compressor industry has been marked by some of the most successful air compressor designs. They are known for being rugged and reliable, even in the most demanding, dusty, and harsh environments like cement production plants.

Parker Airtek

With their robust design and superb filtration systems, these compressors do their part to help you avoid expensive downtime and production delays.



"One of the world's most innovative companies"
Forbes Magazine

- Remote View with Your Mobile Device
- Available Integrated Air Dryer





OIL-FREE COMPRESSED AIR SYSTEMS

Atlas Copco



www.classzero.com

There can be no compromise when critical processes demand clean, oil-free compressed air. Atlas Copco sets the standard for Class Zero oil-free air while also delivering industry-leading energy efficiency with a very broad selection of safe and reliable oil-free air compressors.

No Trace Oil



OIL-FREE

- Piston, Scroll, Claw, Screw, Centrifugal
- Pressures from 14.5 PSI to 189 PSI
- Horsepower from 2 HP to 3690 HP





AIR TREATMENT

Atlas Copco

Refrigerated Dryers

- Small to Medium Flow 10 - 250 SCFM
- High Flow Air Cooled 250 - 1,425 SCFM
- High Flow Water Cooled 2245 - 18,360 SCFM
- Smart Cycling or non-cycling
- High Efficiency Thermal Mass Cycling

Parker Airtek

Desiccant Dryers

- Pro-Purge demand control, heated or heatless

In-Line Filters

- Improve the quality of the compressed air you deliver while you extend the life of your compressor equipment.





PLANT PROCESS & UTILITY EQUIPMENT

Atlas Copco

Blowers

- 3,000 - 20,000 CFM
- 30 - 700 HP
- 0 - 15 PSIG
- 25% Smaller Footprint than Other Blowers



Atlas Copco

Nitrogen Generators

- PSA or Membrane
- High Purity
- Optimal Flexibility
- Efficient Control
- Plug-n-Play



Atlas Copco

Oxygen Generators

- Pressure Swing Adsorption technology
- Oxygen concentrations from 90% to 95%
- 2-7060 SCFH
- Fully automated and monitored with sensors
- Only requires a supply of dry compressed air



Atlas Copco

Breathing Air

- 25-500 SCFM
- Complies with Int'l Breathing Air Standards
- Protection against fumes, oil, vapors, gases, solid particles and microorganisms



Parker

Industrial Chillers

- Low Power Consumption
- Extremely Low Pressure Drop
- Smooth Load Changes
- High Efficiency Evaporator



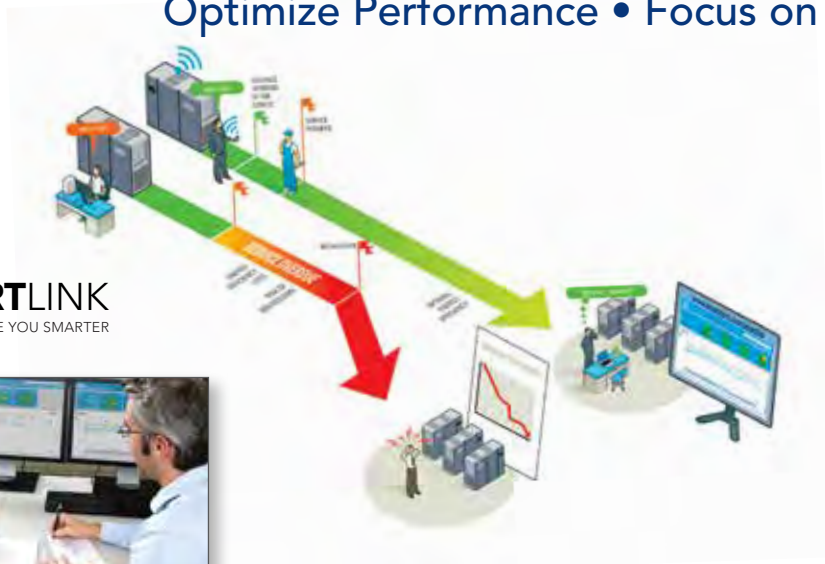


REMOTE MONITORING

Optimize Performance • Focus on Productivity

SMARTLINK

INSIGHTS MAKE YOU SMARTER



SMARTLINK SERVICE

Stop Reacting
Enhance Reliability

SMARTLINK UPTIME

Advance Problem Warnings
Avoid Breakdowns

SMARTLINK ENERGY

Know Your Efficiency
Make Optimal Improvements



PARTS & LUBRICANTS

Atlas Copco

DURATECH lubricants

HTE Inventory - Includes over \$1 million in parts and lube for most brands of air compressors and dryers.

- OEM parts & lube for Atlas Copco oil-free and oil-injected compressors
- Alternate parts by Atlas Copco for all other compressor brands
- Duratech lubricants from HTE Technologies for all other brands of compressors





RENTAL COMPRESSORS



When your machine is down for repair or routine maintenance, or when plant production demands more air than you have, HTE Compressed Air Solutions will help you maintain your production numbers with 24/7 support and on-site emergency service by factory-trained technicians.

- **Electric & Diesel Compressors**
- **Air Dryers**
- **In-Line Filters**



ALSO

**Coolers • Hoses • Valves
Regulators • Fittings
Receivers • Fuel Tanks**





ABRASIVE BLAST CABINETS

CLEMCO®

ZERO
Blast Cabinets

AEROLYTE Systems

**SS White
Trinco**

1. Direct pressure blast cabinet with turntable/workcar and track extension
2. Suction blast cabinet with reclaim and cartridge dust collector
3. The Wetblast FLEX. All-in-one wetblasting system. The FLEX is engineered to provide high performance blasting with maximum dust suppression.
4. Blast pots
5. Plastic media pressure blast cabinet
6. Split level blast cabinets, suction or direct pressure; sizes range from 42" x 24" up to 96" x 48"
7. Dust collectors in bag or cartridge design

1



2



**TRADE-INS
Accepted**

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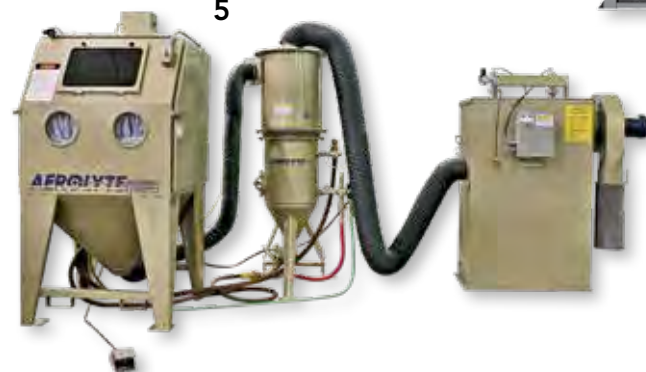
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**REBUILT
CABINETS**



BLAST MEDIA, PARTS & ACCESSORIES

**30+ Tons of Media
in Stock**



- Aluminum Oxide
- Glass Beads



- Walnut Shells
- Crushed Glass



- Plastic
- Steel Shot



Blast hoses & nozzles, metering valves, climate controlled air-supplied hoods, peel-off hood lenses, charcoal breathing air filters, and more!

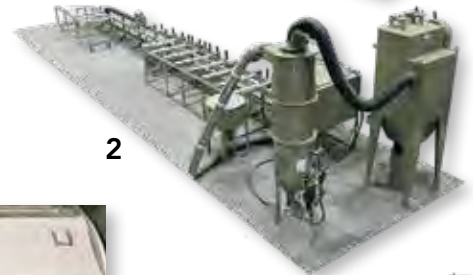
ABRASIVE BLAST ROOMS, BLAST- & MEDIA-RECOVERY SYSTEMS

1. A-200 automated indexing blast cabinet.
2. Through-feed conveyor machine with powered rollers and oscillating nozzles for automating the blasting of heavy parts.
3. Sweep-in system for user-built blast rooms.
4. Pre-Assembled blast rooms. Just connect the components and add power and air.
5. Automated tumble blast barrel up to 300 lb. capacity.
6. Tumble belt cabinets are built for customers who need efficient, reliable, high-production blasting.

1



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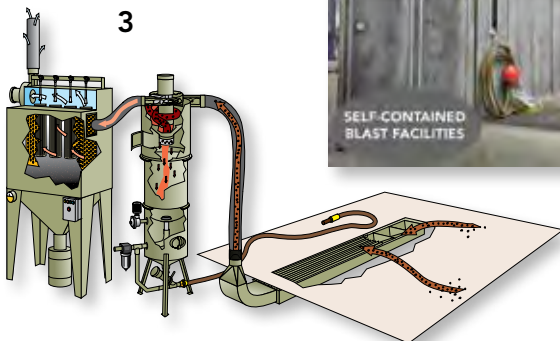
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SYSTEM FINANCING AVAILABLE



Atlas Copco

AIRNET



MODULAR PIPING

- Economical
- Fast to install
- Easily expandable system with smart design
- Reliable performance
- Professional, clean look
- Highly flexible for future expansion



100PSI

FLOW	LENGTH									
cfm	150 ft	300 ft	500 ft	1000 ft	1700 ft	2500 ft	3500 ft	4500 ft	5500 ft	6500 ft
5	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"
15	3/4"	3/4"	3/4"	3/4"	1"	1"	1"	1 1/2"	1 1/2"	1 1/2"
30	3/4"	3/4"	1"	1"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"
40	3/4"	1"	1"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"
60	1"	1"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	2"	2"	2"	2"
90	1"	1 1/2"	1 1/2"	1 1/2"	2"	2"	2"	2"	2 1/2"	2 1/2"
150	1 1/2"	1 1/2"	1 1/2"	2"	2"	2 1/2"	2 1/2"	2 1/2"	2 1/2"	2 1/2"
200	1 1/2"	1 1/2"	2"	2"	2 1/2"	2 1/2"	2 1/2"	3"	3"	3"
300	1 1/2"	2"	2"	2 1/2"	2 1/2"	3"	3"	3"	3"	4"
450	2"	2 1/2"	2 1/2"	3"	3"	3"	4"	4"	4"	4"
600	2"	2 1/2"	2 1/2"	3"	3"	4"	4"	4"	6"	6"
750	2 1/2"	2 1/2"	3"	3"	4"	4"	6"	6"	6"	6"
900	2 1/2"	3"	3"	4"	4"	6"	6"	6"	6"	6"
1000	2 1/2"	3"	3"	4"	4"	6"	6"	6"	6"	6"
1200	2 1/2"	3"	3"	4"	6"	6"	6"	6"	6"	6"
1500	3"	3"	4"	6"	6"	6"	6"	6"	6"	6"
1800	3"	4"	4"	6"	6"	6"	6"	6"	6"	6"
2100	3"	4"	4"	6"	6"	6"	6"	6"	8"	8"
2400	4"	4"	6"	6"	6"	6"	6"	8"	8"	8"
2700	4"	4"	6"	6"	6"	6"	8"	8"	8"	8"
3000	4"	6"	6"	6"	6"	6"	8"	8"	8"	8"
3300	4"	6"	6"	6"	6"	8"	8"	8"	8"	8"
3600	4"	6"	6"	6"	6"	8"	8"	8"	8"	8"



AIRnet Planner

These recommended pipe diameters assume a straight line system with a compressor outlet temperature of 86°F and a maximum pressure drop of 5%.

For closed loop systems, flow rates can be doubled. (Example: 6500 ft of 3/4" pipes in a closed loop system can achieve a 10 cfm flow at 102 psi.)

Emergency Service - 800.444.4831

KANSAS CITY, MO
1566 Topping Ave
Kansas City, MO 64120
913.440.4477

SPRINGFIELD, MO
4319 S. National Ave.
Springfield, MO 65810
417.724.2231

ST. LOUIS, MO
2021 Congressional Dr.
St. Louis, MO 63146
314.731.4444

BLOOMINGTON, IL
1701 Empire St.
Bloomington, IL 61704
217.615.4440