



Product & Service Catalog

PNEUMATICS







Pneumatic Design & Engineering

Industrial Service Solutions has an extensive background in the design of both high-pressure or positive displacement conveying systems, low-pressure conveying systems, dust collection systems, and environmental fume control systems and equipment. We have been one of the leading pneumatic suppliers for over 35 years and have designed, fabricated, and installed hundreds of pneumatic systems throughout the United States.



Environmental Systems

Industrial Service Solutions has designed, fabricated, and installed hundreds of environmental fume control systems to the unique needs of our customers. From dust collectors to regenerative thermal oxidizers, our systems are built to protect the environment by removing harmful air pollutants and odors released during the manufacturing process.

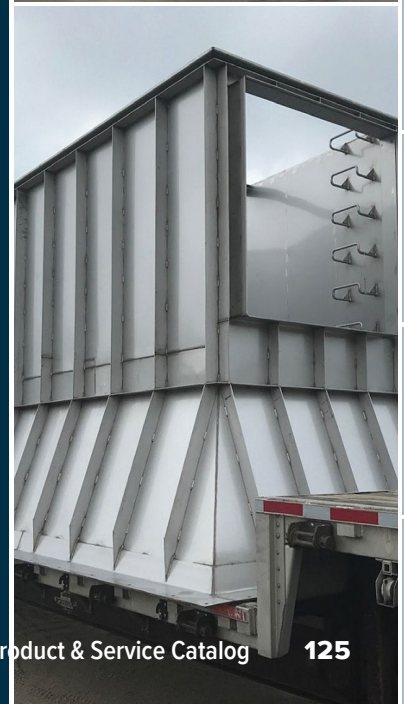
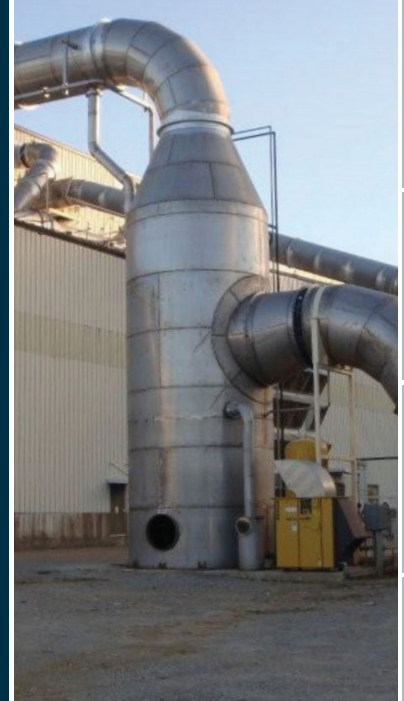
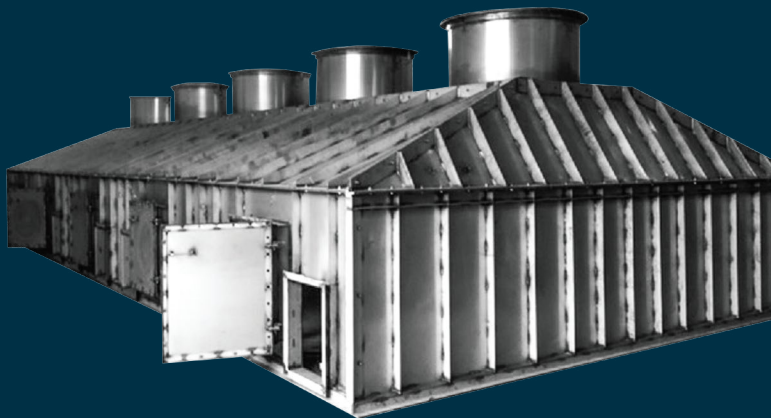
- + *Dust Collectors, Baghouses, & Big Vents*
- + *Wet, Dry, & Electrostatic Scrubbers*
- + *Cyclone Separators*
- + *Regenerative Thermal Oxidizers (RTO)*



Industrial Ductwork

Whether you are looking for a replacement piece to an existing ductwork or a complete duct system, our skilled craftsmen fabricate high quality ductwork and custom build equipment to your exact specifications and requirements. Ductwork can be painted or galvanized to withstand corrosive and high temperature environments.

- + *Dust Collection*
- + *Exhaust Stacks & Hoods*
- + *Stainless Steel Ductwork*
- + *WESP Ductwork*
- + *Duct Dampers & Actuators*
- + *Expansion Joints*



CONTROLS

MOTORS

PUMPS

VALVES

COMPRESSORS

PNEUMATICS

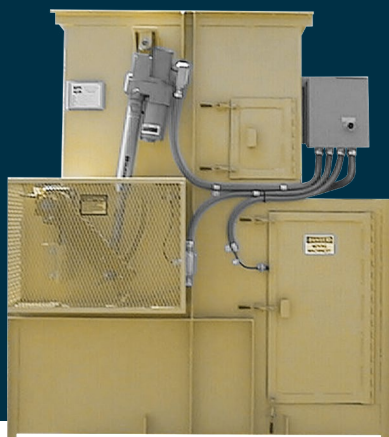
SAWMILLS

METAL RECYCLING

TRANSIT & RAILROAD

WATER & WASTEWATER

DIMENSIONS & MOUNTING

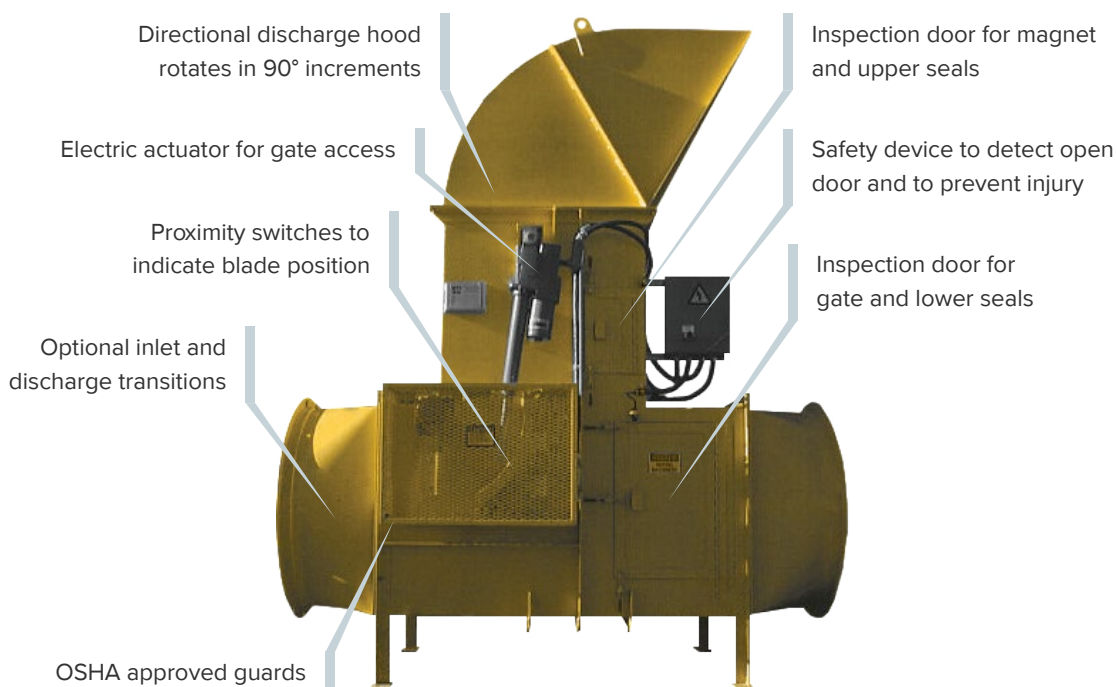


Sparkguard High Speed Abort Gate

FEATURES

- + Protect your pneumatic equipment and provide a safer environment.
- + Activated by spark detection equipment. Diverts hazardous sparks and fire.
- + Control panel with manual test and auto-reset buttons.
- + Standard sizes available to meet most pneumatic applications.

MODEL	FLOW RANGE (CFM)	WEIGHT
AG105	2,080 - 4,510	700 lbs
AG145	4,080 - 8,850	900 lbs
AG185	6,750 - 12,380	1200 lbs
AG245	12,000 - 22,000	1500 lbs
AG325	21,330 - 39,110	1900 lbs
AG405	33,330 - 61,110	2800 lbs
AG485	48,000 - 88,000	3300 lbs





Backdraft Dampers

FEATURES

- + Replaceable aluminum explosion vent
- + Optional discharge transition
- + Rolled body reduces air turbulence and material build-up
- + Adjustable counterweight arm
- + Heavy gauge steel construction
- + Standard angle ring inlet connection

Typical installation is to locate the damper upstream of low-pressure pneumatic collectors (cyclone or filters). Our dampers are designed to automatically relieve back pressure under upset conditions. Backdraft dampers protect equipment and provide a safer environment. Our dampers also divert explosive pressure increased from plant facility. Standard size available up to 48-inch diameter.





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