

**Air Separation
Technologies Inc.**



YOUR CLEAN AIR SOLUTIONS PROVIDER



CAPABILITIES

- System evaluation
- Airflow testing and balancing
- System design engineering
- Combustible dust testing
- Equipment selection and sales, new and used
- Turnkey installations
- Aftermarket filters and parts
- Preventative maintenance and service

INDUSTRIES SERVED

- Automotive
- Food
- Pharmaceutical
- Mining
- Metal Working
- Woodworking
- Grain, Agriculture and Feed
- Cement and Minerals
- Chemicals Plastics
- Aerospace
- Steel Processing
- Foundries
- Mills

TYPICAL APPLICATIONS

- Weld Fume Collection
- Laser/Plasma Cutting
- Water, Smoke and Oil Mist Collection
- Abrasive Blasting
- Thermal Spray
- Conveyor Belt Transfer Points
- Silo Bin Venting
- Grinding
- Pill Coating
- Pan Coating
- Packaging Lines
- Hammer Mills
- CNC Machining

CLIENTS INCLUDE

- Automotive: Toyota/Honda/General Motors/Linamar/Magna/Multimatic
- Steel Processing: Russel Metals/Brannon Steel
- Pharmaceutical: Apotex/Patheon/GlaxoSmithKline/
- Food: Aryzta/Unilever/Sensient Flavours/Wrigley/Kraft/Mondelez/Redpath Sugar
- Mining: Vale /Activation Labs/Goldcorp/Unimin/IKO/F&X Mining/SGS/Mosaic
- Grain Agriculture & Feed: ADM/P&H Milling/Bunge/Casco/Hensall District Cooperative
- Aerospace: Bombardier/FAG Aerospace/MHI Aerospace/Goodrich Landing Gear
- Chemical: Kemira Chemicals/Nova Chemical/Suncor
- Cement & Minerals: Dufferin Aggregates/ Permacon/Essroc/
- Steel Mills: ArcelorMittal Dofasco/U.S. Steel
- Nuclear: Cameco/Zircatec/Atomic Energy of Canada

DUST COLLECTION

Donaldson Torit®

- BAGHOUSE AND CARTRIDGE STYLE COLLECTORS
- CYCLONE COLLECTORS, MIST/FUME COLLECTORS
- REPLACEMENT FILTERS FOR ALL DUST, MIST OR FUME COLLECTORS



SCRUBBERS

Tri-Mer® CORPORATION

- WHIRL WET® WET DUST COLLECTION SYSTEMS, MICRON SIZES AT EFFICIENCIES OF 99% AND HIGHER
- PACKED BED ACID AND FUME SCRUBBERS
- TRI-NO_x WET SCRUBBER SYSTEM, HANDLES ANY NO/NO₂
- CLOUD CHAMBER SCRUBBER (CCS) FOR ACID GAS AIR STREAMS
- TRI-MER MULTIPHASE BIOSYSTEM FOR VOC CONTROL



EXPLOSION PROTECTION



- FLAMELESS VENTING
- PIPELINE ISOLATION
- EXPLOSION SUPPRESSION
- EXPLOSION VENTING PANELS



QUICK-FIT DUCTING



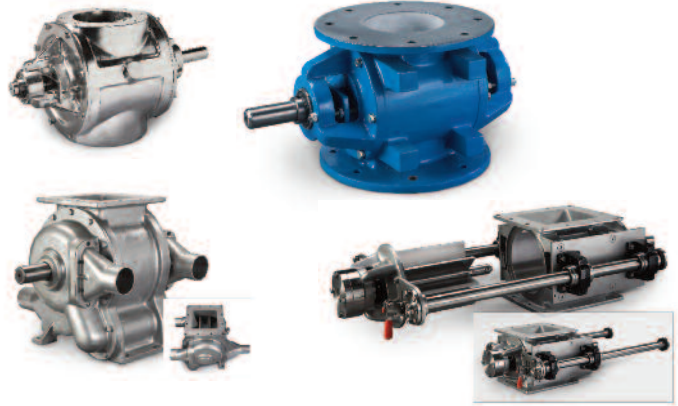
- EASY AND FAST TO INSTALL
- IDEAL FOR DUST, MIST AND FUME COLLECTION
- BLAST, GATES, DIVERTERS, EXPLOSION ISOLATION VALVES
- AVAILABLE IN GALVANIZED, STAINLESS STEEL AND ALUMINUM



ROTARY VALVES



- *ROTARY VALVES FOR METERING, FEEDING AND AIRLOCK*
- *BULK MATERIAL HANDLING AND PNEUMATIC CONVEYING APPLICATIONS*
- *DISCHARGE TROUGH FEEDER VALVE (DTFV)*
- *GRAVITY DIVERTER VALVES*
- *SLIDE GATES*
- *DOUBLE-FLAP VALVES*



INDUSTRIAL VACUUMS



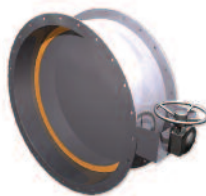
- *EXPLOSION-PROOF HAZARDOUS LOCATION VACUUMS*
- *MACHINE SHOP VACUUMS*
- *WET/DRY VACUUMS*
- *CENTRAL VACUUMS*
- *PNEUMATIC VACUUMS*



ODOUR CONTROL AND CONTAINMENT



- *BAG-IN/BAG-OUT CONTAINMENT HOUSINGS*
- *CARBON FILTERS AND HOUSINGS*
- *DEEP BED CARBON ADSORBERS*
- *BUBBLE-TIGHT ISOLATION DAMPERS*



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