

CRESCENT EQUIPMENT COMPANY

Process Equipment For:

- **Dry Bulk Solids Processing**
- **Air Handling**
- **Dust Collection & Explosion Protection**
- **Vacuum Cleaning**

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We Offer Industrial Process Solutions and Equipment:

AIR HANDLING

Blower & Exhauster Packages
Centrifugal Fans & Accessories
Centrifugal Fans - All Types
Dampers
High Temperature Fans
Pressure Blowers
Wheel Repair and Replacement

AIRLOCKS

Double Butterfly Airlocks
Double Flap Airlocks
Rotary Airlocks

AIR POLLUTION CONTROL

Bin Vent Filters
Cyclones
Down Draft Tables
Dust Collectors
Cartridge - Vertical & Horizontal
Pulse Jet / Reverse Air / Shaker
Tubular & Envelope Bag
HEPA filters
Oil Mist Collectors
Stack Demisters
Ventilated Retractable Spouts
Wet Scrubbers
Eductor / Impingement / Venturi

DRYING / COOLING / HEATING

Flash Dryers
Heat Transfer Screw Conveyors
Rotary Dryers, Kilns, Calciners
Rotary Coolers
Spray Dryers
Stationary Fluid Bed Dryers & Coolers
Vibrating Conductive Conveyors
Vibrating Fluid Bed Dryers & Coolers
Vibrating Thermal Spiral Elevators

DUST EXPLOSION PROTECTION

Chemical Isolation and Suppression
Flameless Vents
Isolation Devices
Rotary Airlocks / NFPA Compliant
Rupture Panels

FEEDING / WEIGHING / BATCHING

Batch & Continuous Systems
Bulk Bag Discharge Systems
FlexWall & Stirring Screw Feeders
Gain-In-Weight / Loss-In-Weight
Gravimetric & Volumetric Feeders
Liquid Loss-In-Weight Feeders

Mass Flow Meters
Micro / Lab-Scale Feeders
Rotary Feeders
Silo Tray Feeders
Single & Twin Screw Feeders
Vibrating Tray & Tube Feeders
Weigh Belt Feeders

FILLING / DISCHARGING

Bag Dump Stations
Bag Compactors
Bulk Bag Dischargers
Ventilated Retractable Spouts
Vibrating Bin Dischargers

FLOW CONTROL

Aeration Systems
Butterfly Valves - Inflatable Seat
Clam Shell Gates
Gravity Diverters
Maintenance Gates
Rotary Plug Gates
Rotary Feeders & Airlocks
Slide Gates

LOAD OUT / STORAGE

Bins and Hoppers
Bin Vents
Densifiers
Flow Aids - Aerating & Vibrating
Fluidizing Bin Dischargers
Pressure / Vacuum Relief Valves
Rail Car Loading & Unloading
Silo Dischargers
Ventilated Retractable Spouts
Vibrating Bin Dischargers

MECHANICAL CONVEYING

Aero-Mechanical Conveyors
Belt Conveyors & Feeders
Roller & Air Supported
Inclined / Cleated / Pocket
Troughing
Trippers & Belt Plows
Bucket Elevators
Vertical / Horizontal / Inclined
Drag Conveyors
Radial Stackers
Screw Conveyors & Feeders
Heat Transfer Screws
Horizontal / Inclined / Vertical
Multi-Screw Feeders
Shaftless Screws
Spiral Elevators
Vibrating Conveyors & Feeders

MIXING / BLENDING

Forberg Batch & Continuous Mixers
Forberg Mixer-Dryers
Paddle Mixers
Pin Mixers
Pug Mills
Pneumatic Blenders

PELLETIZING / AGGLOMERATING

Briquetters / Compactors
Disc Pelletizers
Paddle Mixers / Agglomerators
Pin Mixers
Pug Mills
Rotary Drum Agglomerators

PNEUMATIC CONVEYING

Aeration Systems
Abrasion Resistant Elbows
Air Locks
Air Slide Conveyors
Bin Vent Filters
Blower & Exhauster Packages
Continuous Dense Phase
Dense Phase Pressure & Vacuum
Dilute Phase Pressure & Vacuum
Diverters / Switches / Gates / Valves
Filter-Receivers
Pipe / Elbows / Hose / Fittings
Rail Car Loading & Unloading
Screw Pumps
Vacuum Loaders & Unloaders

SIZE REDUCTION / CLASSIFYING

Lump Breakers
Vibrating Screens

VACUUM CLEANING

Central Vacuum Cleaning Systems
Multi-Stage Centrifugal Blowers
Portable / Stationary / Self-Propelled
Trailer & Truck Mounted Vacuums

VIBRATORY PROCESSING

Bin Dischargers / Bin Activators
Casting Coolers
Conveyors
Drawdown Hoppers
Feeders
Fluid Bed Dryers & Coolers
Shakeouts
Screens / Grizzlys
Spiral Elevators
Storage Pile Reclaim Systems