

# CON-E-CO®

An Astec Industries Company

## DUST CONTROL SYSTEMS



**A Full Line of Pulse Jet Clean Dust Control Systems—  
From 200 Square Feet to 2,500 Square Feet of Cleaning Area**



## Keeping Dust off Trucks Increases Your Profit

- Reducing the time to rinse trucks after loading increases production
- Reducing driver cleaning maintenance increases the number of loads delivered to the job by each driver
- Reducing or eliminating acid bath cleanings doubles or triples the time between repainting
- Promoting a positive image increases market share.

## Serviceability

- Maintenance platforms with ladders and cages for easy maintenance access.
- Direct Drive Blowers

## Electrical System

- Factory pre-wired system eliminates costly field wiring
- Factory-labeled, U.L. listed electrical panels



**CON-E-CO**®

**SOLID PERFORMANCE.**

### **Pulse Jet Cleaning**

- Aggressive cleaning for high-efficiency dust control
- Generous space between bags or cartridges prevents excessive vertical air velocity, allowing dust to release and fall into hopper
- Instantaneous pulse draws air from the large manifold on the dust collector to assure availability of air to pulse bags or cartridges

### **Optional Fill Line Automatic Pinch Valves**

- Eliminates blinding of filter media from overflowing storage bins and silos

### **Optional Pinch Valve Air Supply**

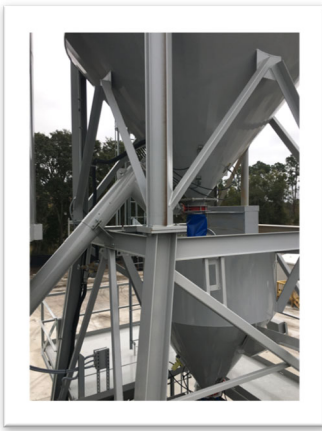
- Isolated 120-volt air compressor for after-hour deliveries

### **Optional Damper Valve**

- Forces dust through filter media for after-hour deliveries when suction blower is not running.

### **Optional High-Pressure Air Dryer**

- Increases life of filter media
- Increases life of solenoid valves



## STANDARD FEATURES

- Pulse jet cleaning
- Work platforms with ladders and cages
- Pre-wired at factory
- Motor controls with circuit breakers
- Main disconnect with circuit breaker
- Factory U.L. listed panels
- NEMA 12 enclosures
- Automatic control panel
- Pre-plumbed at factory
- Solenoid valves mounted on manifolds with regulator
- Filler and lubricator
- 7" diameter pressure relief valve (silo dust control systems)
- Weld-on riser and flange (silo dust control systems)
- Pulse jet bag type collector with 6:1 air-to-cloth ratio
- Pulse jet cartridge type collector with 5:1 air-to-cloth ratio

## OPTIONAL FEATURES

- Manual reclaim system
- Automatic reclaim system
- Silo expansion chamber for central dust control systems with ducting to grade
- Silo ductwork for central dust control systems
- Rotary Vane Feed Reclaim System

- Back-in or drive-in truck mixer shroud
- Drive-through truck mixer shroud
- Mixer ductwork for central and transit mixer
- Mobile transportation system
- High-pressure-supply air dryer

## SILO DUST CONTROL SYSTEMS

### MODEL PJ-200

- 202 sq.ft. of bag cleaning area
- Capacity: 1,200 CFM

### MODEL PJ-300

- 297 sq.ft. of bag cleaning area
- Capacity: 1,800 CFM

### MODEL PJ-400

- 416 sq.ft. of bag cleaning area
- Capacity: 2,500 CFM

### MODEL PJC-300S

- 300 sq.ft. of cartridge cleaning area
- Capacity: 1,500 CFM

### MODEL PJC-450

- 450 sq.ft. of cartridge cleaning area
- Capacity: 2,250 CFM

### MODEL PJC-600

- 608 sq.ft. of cartridge cleaning area
- Capacity: 3,040 CFM

### MODEL PJC-900D

- 912 sq.ft. of cartridge cleaning area
- Capacity: 4,560 CFM

## MODEL PJC-1200D

- 1,216 sq.ft. of cartridge cleaning area
- Capacity: 6,080 CFM

## MIXER DUST CONTROL SYSTEM

### MODEL PJ-980D

- 980 sq.ft. of bag cleaning area
- 15 HP blower at 5,880 CFM

### MODEL PJC-850D

- 846 sq.ft. of cartridge cleaning area
- 15 HP blower at 8,000 CFM

## CENTRAL DUST CONTROL SYSTEMS

### MODEL PJ-1400D

- 1,427 sq.ft. of bag cleaning area
- 15 HP blower at 8,000 CFM

### MODEL PJ-2000D

- 1,962 sq.ft. of bag cleaning area
- 20 HP blower at 10,500 CFM

### MODEL PJ-2500D

- 2,496 sq.ft. of bag cleaning area
- 30 HP blower at 15,000 CFM

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