Since 1956 the Vince Hagan Company has been dedicated to innovation in keeping the environment safe and clean. Innovation that has led to the patented design of a horizontal mixer used in hazardous sludge remediation, reclaimers used to keep concrete job sites clean, and dust control systems for every application which are keeping the air we all breathe a whole lot cleaner.
“A dust control solution for any concrete batch plant from the inventor of the mobile concrete plant.”

Let the Vince Hagan Company solve your concrete batch plant dust control problems with a free-standing, in-truss, or portable collector. Hagan can take any existing plant, stationary or portable, and retro-fit a dust collection system. Then let an optional fully automatic dust reclaim system pay for your collector by recycling the dust into the fly ash.

**DUST CONTROL**
1. FREE STANDING JET PULSE DUST COLLECTOR
2. DUCTWORK
3. DUST RETURN LINE

**EXISTING PLANT**
A - CEMENT SILO
B - WEIGH BATCHER
C - DUST SHROUD TRUCK
FEED POINT
Jet-Pulse Technology... “How it works” continuous cleaning without operator assistance is Jet-Pulse technology.

The technology behind the Hagan Jet-Pulse Dust Collection System is that each row of filter bags is equipped with a solid state sequential timer that energizes a solenoid pilot valve, thus triggering the momentary pulse of compressed air through a blow pipe and down into a row of filter bags. This translates to faster and more objective means of controlling dust at your concrete plant.

As the Jet-Pulse Collection system cleans the environment, it also keeps itself clean and makes it easy for anyone to change our heavy duty, snap-in filter bags.

If something doesn’t cut your bottom line, it gets cut! The Vince Hagan Company understands this. That’s why efficiency of the Jet-Pulse Dust Collection system is important. Our dust control system not only keeps the neighborhood clean and happy, but it also provides the option of recycling the collected dust.

A. Dust laden air enters the collector through the bottom of the housing section.
B. Dust particles are collected on the outside surface of the bags.
C. Filtered air goes to the clean air chamber and is then exhausted through the outlet.
D. Periodic pulsing by compressed air removes the accumulated dust from the bags.
E. Dust falls into a receptacle.
F. Cleaning frequency and duration are adjustable by solid state timers.

Dust Collection System Options

<table>
<thead>
<tr>
<th>Dust Reclaim with Rotary Vane Feeder</th>
<th>Drive Through Four-Sided Shroud</th>
<th>Stationary Fixed Shroud</th>
<th>Shroud Back In</th>
<th>Baby Buggy Shroud</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image1.png" alt="Flow Diagram" /></td>
<td><img src="image2.png" alt="Four-Sided Shroud Diagram" /></td>
<td><img src="image3.png" alt="Stationary Fixed Shroud Diagram" /></td>
<td><img src="image4.png" alt="Shroud Back In Diagram" /></td>
<td><img src="image5.png" alt="Baby Buggy Shroud Diagram" /></td>
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</tbody>
</table>
### MODEL JP “JET PULSE”
### CENTRAL DUST COLLECTORS

## SPECIFICATIONS
### Jet-Pulse Dust Collector

<table>
<thead>
<tr>
<th>Model</th>
<th>Cloth Area (Sq. Ft.)</th>
<th>No. of Bags</th>
<th>ACFM</th>
<th>Blower H.P.</th>
<th>A/C Ratio</th>
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</thead>
<tbody>
<tr>
<td>VH-700JP</td>
<td>700</td>
<td>64</td>
<td>4,900</td>
<td>7.5</td>
<td>7:1</td>
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<td>VH-730JP</td>
<td>730</td>
<td>64</td>
<td>5,100</td>
<td>10</td>
<td>7:1</td>
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<td>VH-1083JP</td>
<td>1083</td>
<td>99</td>
<td>6,500</td>
<td>15</td>
<td>6:1</td>
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<td>VH-1432JP</td>
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<td>130</td>
<td>8,500</td>
<td>25</td>
<td>6:1</td>
</tr>
</tbody>
</table>

### Efficiency
- 99.9% At 1 Microns

### Cloth Type
- Polyester Felt

### Cloth Weave
- Polyester .065 (Nom)

### Permeability
- 25 to 45 CFM/Sq. Ft. @ .5 w.g.

### Bag Weight
- 15.5 ± 1 Oz./Sq. Ft.

### Construction
- Needle punched self supported

### Bag Length
- .84”

### Bag Diameter
- 6”

### Cloth Filtering Area
- 245 Sq. Ft.

### Number of Cartridges
- 7

### Cartridge Diameter
- 8.00” O.D.

### Cartridge Length
- .36”

### Cloth Type
- Spun-Bound Polyester

### Cloth Weight
- 7.7 Oz./Sq. Yd.

### Permeability
- 20 CFM/Sq. Ft. @ 0.5” Water

### Temperature Limit
- 200 Deg. F.

### Air Volume Intake
- 600 CFM @ 0.5” Water

### Exhaust Opening Size
- 0.24 Sq. Ft.

### Efficiency
- 99.9% At 1 Microns

---

**Hagan Jet-Pulse Filter Bag**

- Efficiency: 99.9% At 1 Microns
- Cloth Type: Polyester Felt
- Cloth Weave: Polyester .065 (Nom)
- Permeability: 25 to 45 CFM/Sq. Ft. @ .5 w.g.
- Bag Weight: 15.5 ± 1 Oz./Sq. Ft.
- Construction: Needle punched self supported
- Bag Length: .84”
- Bag Diameter: 6”

---

**Specifications**

**Model VH-245JP**

<table>
<thead>
<tr>
<th>Cloth Filtering Area</th>
<th>245 Sq. Ft.</th>
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</thead>
<tbody>
<tr>
<td>Number of Cartridges</td>
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<tr>
<td>Cartridge Diameter</td>
<td>8.00” O.D.</td>
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<tr>
<td>Cartridge Length</td>
<td>.36”</td>
</tr>
<tr>
<td>Cloth Type</td>
<td>Spun-Bound Polyester</td>
</tr>
<tr>
<td>Cloth Weight</td>
<td>7.7 Oz./Sq. Yd.</td>
</tr>
<tr>
<td>Permeability</td>
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</tr>
<tr>
<td>Temperature Limit</td>
<td>200 Deg. F.</td>
</tr>
<tr>
<td>Air Volume Intake</td>
<td>600 CFM @ 0.5” Water</td>
</tr>
<tr>
<td>Exhaust Opening Size</td>
<td>0.24 Sq. Ft.</td>
</tr>
<tr>
<td>Efficiency</td>
<td>99.9% At 1 Microns</td>
</tr>
</tbody>
</table>