

JET PULSE DUST COLLECTION SYSTEMS



ENVIRONMENTAL INNOVATION... 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.

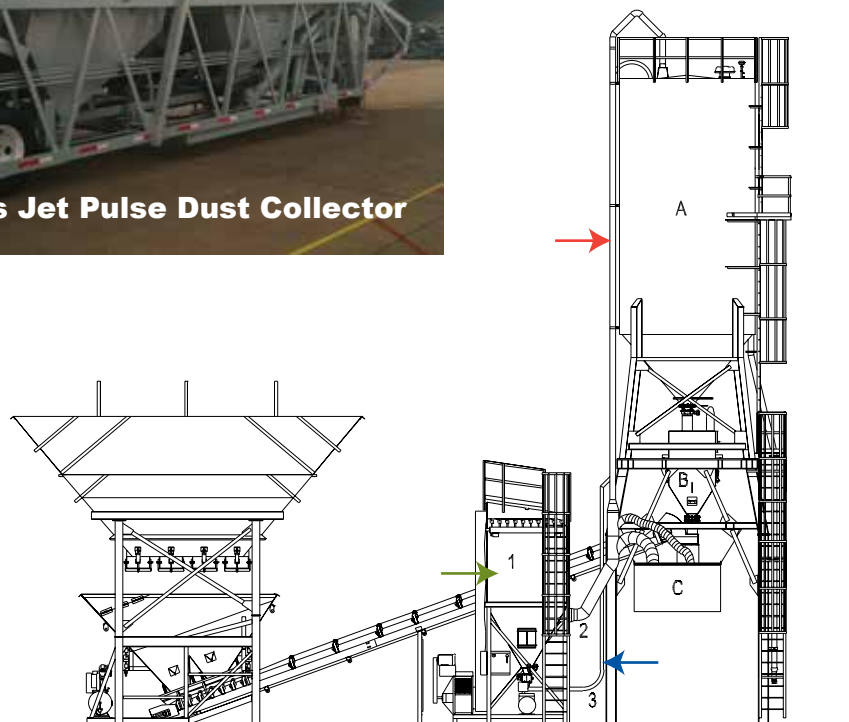


DUST CONTROL

- 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.



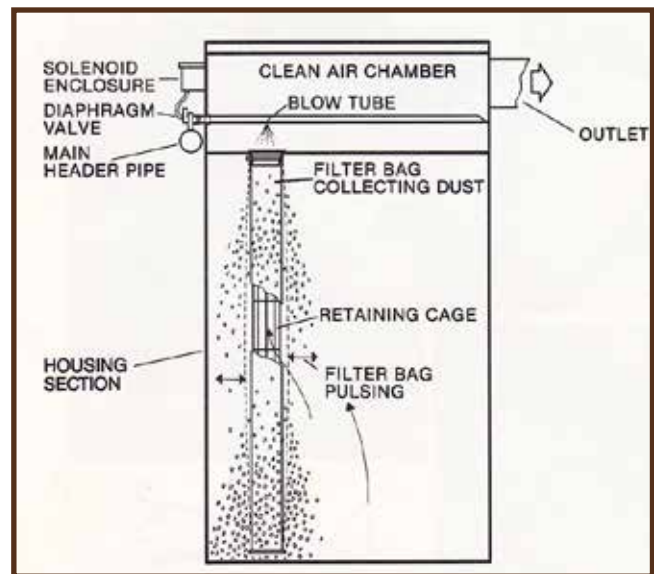
The technology behind the Hagan Jet-Pulse Dust Collection System is that each row of filter bags is equipped with a solid state sequential timer that energizes a solenoid pilot valve, thus triggering the momentary pulse of compressed air through a blow pipe and down into a row of filter bags. This translates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

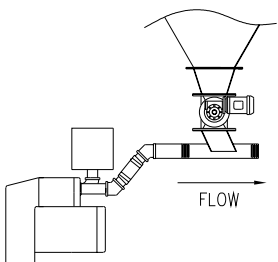
NEW QUICK CLAMP DESIGN TO EASILY CHANGE FILTERS

- 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.

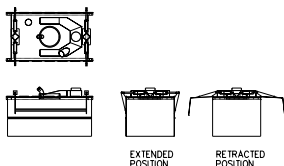


Dust Collection System Options

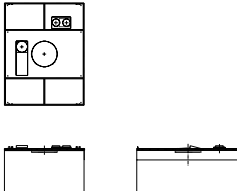
Dust Reclaim with Rotary Vane Feeder



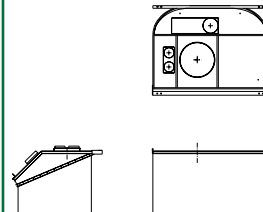
Drive Through Four-Sided Shroud



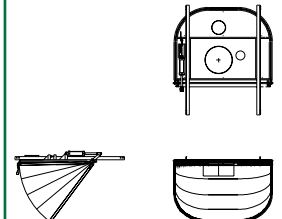
Stationary Fixed Shroud



Shroud Back In



Baby Buggy Shroud



MODEL JP "JET PULSE" CENTRAL DUST COLLECTORS

SPECIFICATIONS Jet-Pulse Dust Collector

Model	Cloth Area (Sq. Ft.)	No. of Bags	ACFM	Blower H.P.	A/C Ratio
VH-700JP	700	64	4,900	7.5	7:1
VH-730JP	730	64	5,100	10	7:1
VH-1083JP	1083	99	6,500	15	6:1
VH-1094JP	1094	100	6,500	15	6:1
VH-1203JP	1203	110	7,200	15	6:1
VH-1432JP	1423	130	8,500	25	6:1

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

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



MADE IN THE U.S.A

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