



VAC-U-MAX

CEMENT COMPANIES COMBAT HEAVY DUST WITH INDUSTRIAL VACUUMS





VAC-U-MAX

VACUUMS FOR ALL AREAS OF YOUR CEMENT PLANT

- * GRINDING**
- * SCREENING**
- * BAGGING**
- * CONVEYING**
- * RAIL CAR UNLOADING**
- * TOPS OF TANKER BULK TRUCKS**
- * AUTOMATED TEST LABS**



VAC-U-MAX

Portable Air Powered



The air-powered vacuums operate on the venturi principle and by design create their own vacuum without motors or moving parts, making them intrinsically safe and ideal for use with abrasive cement particles that can damage electrical equipment over time.



Buzzi Unicem USA's Indianapolis terminal uses the MDL-55 air operated vacuum cleaner, with pulse jet filter, from VAC-U-MAX to clean up excess flyash and slag around boot lifts.



VAC-U-MAX

Stationary Intercepts



Collecting material in our MDL622 Wall / Column mounted intercept allows you to manually discharge into anything you want including directly into your Boot-lifts.



Shown above with twin venturi powered vacuum with a 2" vacuum hose and 6" discharge hose



VAC-U-MAX

Transportable Intercepts for High Volume Recovery



Shown above with single venturi powered vacuum with 2" vacuum hose and tool

Available in 1 and 2 cu. yd capacities



VAC-U-MAX

Portable/Transportable MDL1020

MDL1020MFS 10 / 15 HP



***CAN MOVE 3-5 TONS OF
DRY CEMENT / HOUR AT
30 FEET!!!!***



MDL1020 using our 55 gallon intercept above and our 1 or 2 cu. yd. Self Dumping Hopper on the left.

Hose sizes:

10 H/P 2.5" ID

15 H/P 3.0" ID



VAC-U-MAX

Stationary / Central Vacuums MDL2120 & MDL1040



**MDL2120 FSU shown above coupled to a
30 H/P Vacuum Pump**



**MDL1040 Central
Vacuum available
in 10 & 15 H/P
Versions**

PLUG & PLAY



VAC-U-MAX

MDL3302E

TRANSPORTABLE

Cleaning Railcar Loading / Unloading Areas



Load 1 or 2 cu. yd. self dumping hoppers



REDUCE COSTLY OUTSIDE CLEANING SERVICES!!!

No more Vacuum Trucks!!!



VAC-U-MAX

Central Vacuums MONOBLOCS

Buzzi Unicem USA is sensitive to environmental issues and is proactive in adhering to OSHA and MSHA regulations, as well as local EPA guidelines. As such, the Stockertown, Penn. plant uses two Monobloc centralized vacuum systems to remove product build-up around the hatches of bulk tankers and railcars that are loaded from above, ensuring no dust is spread when the trucks are leaving the facility or traveling through neighborhoods. These stationary Monoblocs include strategically placed piping throughout the facility allowing hoses to be connected to clean multiple areas simultaneously.

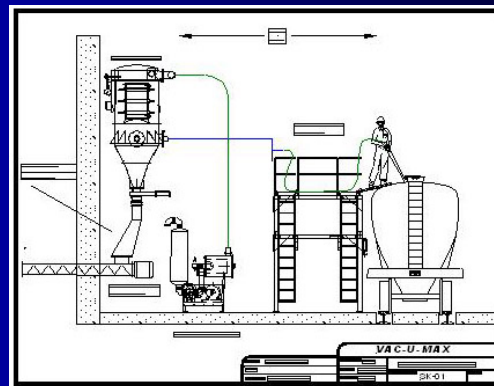
Centralized vacuums are also used in clinker plants early in the cement manufacturing process and capture a half ton of dust per day during the grinding process. In large grinding operations with multiple floors, the vacuum is centrally located on the ground level with piping routed to each floor for easy clean up.





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Central Vacuum Systems Cleaning off Tops of Tankers

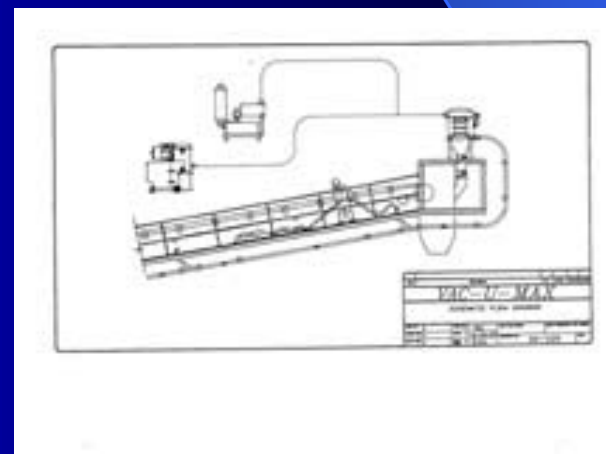
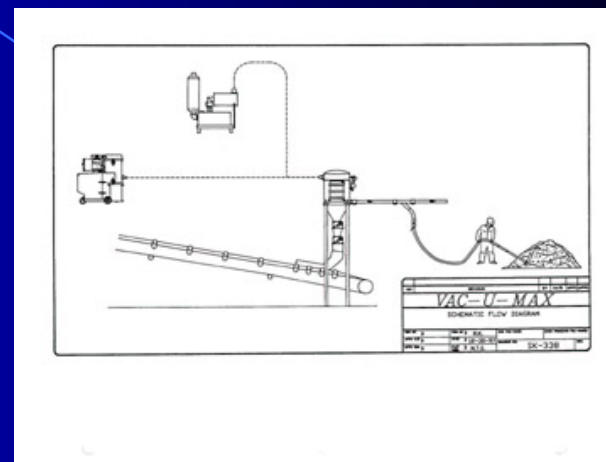
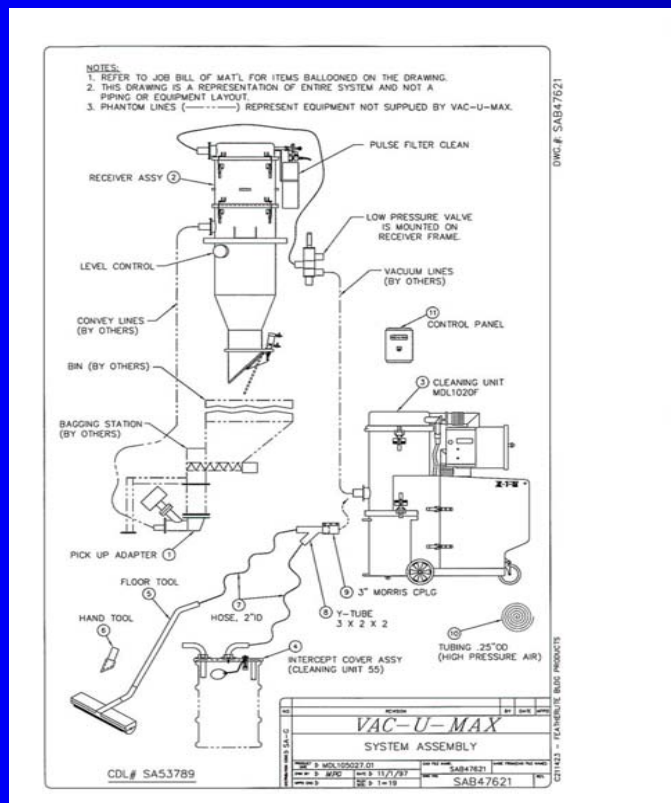


Be a good neighbor. Keep the tops of your trucks clean!



VAC-U-MAX

Specialty Vacuums



Designed to return material directly back into conveyors & screws.

ELIMINATE MATERIAL HANDLING!!!



VAC-U-MAX

Cement Dedusting in Test Labs



In automated labs where constant operation of multiple stations and materials produce fine, smoke-like dust, vacuum systems can easily become overwhelmed, skewing test results. In order to maintain accurate results, automated labs require central continuous duty vacuum systems that are precisely engineered.

