



Product News

Pelletron: Introducing the new and improved C-20 DeDuster® for Injection Molders

Edited by on 21. Jun. 2017

Lancaster (PA), United States –



The lightweight C-20 DeDuster®

What's New in 2017:

- Variable speed stepper motor for rate control
- Stainless steel agitator
- Window to view product flow for easier set up
- High efficient cyclone for dust separation



Advantages:

- Easy to install
- For clean room applications
- Removes dust and streamers
- Fits to all IMM's and small extruders
- Variable product discharge

With these Improvements, we even have been able to **reduce** our competitive price point from 2016! **Pelletron Corporation** is also proud to present a completely new website, please visit here: www.pelletroncorp.com

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Conveying and dedusting solutions for plastics manufacturing, processing and other industries

Watch our video

The image shows a large industrial facility, likely a plastics manufacturing plant. In the foreground, there are large metal pipes and a blue Pelletron valve labeled '13-347-DV-092'. A red 'CLOSED' sign and a green 'OPEN' sign are visible on the pipes. In the background, there are large storage tanks, distillation columns, and other industrial structures under a clear sky.

System Engineering by Pelletron



Pelletron's highly specialized Bulkmatology® team has many years of knowledge and experience in designing and building systems that meet the unique and individual needs of its customers.

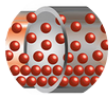
Whether it is de-bottlenecking an existing system or designing a complete turnkey plant from the ground up, Pelletron's extensive know-how and experience ensures that solutions are efficient, cost-effective and meet the industry's highest standards of quality. Pelletron's project managers are familiar with national and international standards, and are supported by local service providers and suppliers.

Pelletron's system services include:

- System design/engineering
- System analysis and optimization
- Project management
- Instrumentation and controls
- Installation
- Field service
- Global sourcing
- Commissioning
- Pneumatic conveying and dedusting tests
- Toll cleaning
- Spare parts and refurbishing
- And more...

Pelletron's application experience includes:

- Railcar loading and unloading systems
- Pneumatic transfer systems
- Bagging stations
- Big bag filling stations
- Truck loading and unloading systems
- Extruder feeding
- Upgrading dilute and dense phase systems to pellcon3® systems
- And more ...



Pneumatic Conveying Solutions for your application

Discover the comparison of different conveying modes in typical conveying layouts.



Discover pellcon3®: the gentle conveying process

See how the combination of STRANDPHASE®, the Pellbow® and our DeDuster® can save you money.



siloadmaxX® container loading

Explore the dust free container loadingsystem for all dry bulk materials

The DeDuster® – The Ultimate Cleaning Technology

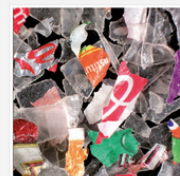
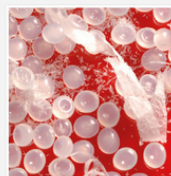
[Watch the Video](#)



Where Do Fines Come From and Why Is Cleaning So Important?

Some dust and contaminants occur naturally in products like minerals, food, tablets and other bulk solids, while others are caused by the way the products are handled. Impurities in plastic pellets, both fines (dust) and angel hair (streamers), are generated by the friction in conveying lines. Dilute phase systems create large amounts of dust and streamers; the higher the velocity, the larger the amount of impurities. Pipe elbows also cause friction and result in the creation of more dust and streamers. The high pressure in dense phase, or slow motion systems, creates very fine dust due to wall friction and friction between pellets. Temperature, pellet shape and product characteristics can also contribute to the creation of dust.

Cleaning bulk solids is important for several reasons. Food and pharmaceutical bulk solids are cleaned for hygienic reasons and to improve the quality of the finished, packaged product. Minerals are cleaned primarily to avoid environmental and health problems. The plastics industry cleans pellets to improve the quality of both the pellets and the finished plastic product.



Pneumatic Conveying Components

Suitable components for a pneumatic conveying transfer system for dry bulk solid materials.

[Download Spec Sheets](#)



The Pellbow® -
for gentle conveying
of dry bulk materials

Pellbow® for gentle conveying



Rotary valves
for pellets and
powders

Rotary Valves



Diverter valves
for pellets and
powders

Diverter Valves