

Products and Services

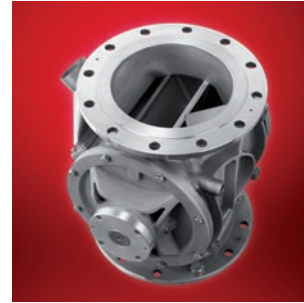
Bulkmatology[®] Solutions

System Solutions



Pneumatic Conveying Systems

From de-bottlenecking projects to complete Turnkey Plant Design. Pelletron's System Design Team offers over 100 combined years of experience – from Analyzing and Planning, to Controls and Start-up. The staff's experience in all disciplines ensures that solutions are on time, on budget – and meet the highest standards of quality. Ask about Pelletron's free-of-charge system analysis.



Components

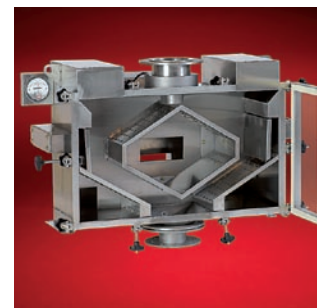
In addition to complete system design, Pelletron offers a full range of Bulk Material Handling components, parts and accessories.

The Pelletron Global Network ensures that you will receive the highest level of service and support – regardless of your location

- High and Low Pressure Rotary Valves
- Diverter Valves
- DeDusters/Dust Collectors/Filters
- Pellbows/Piping

Rotary valves are available in Stainless Steel and Aluminum in sizes 4" to 24" (100 to 600 mm). Diverter valves are available in Stainless Steel and Aluminum in sizes 1 1/2" to 12" (46 to 300mm).

Patented DeDusting Solutions



Mini Series DeDuster[®]

- Fits to injection molding machines
- Fits to dryers
- Available as stand alone system
- Improves quality of molded products
- Reduces maintenance
- Longer lifespan of the feed screw
- Increases use of regrind

P1	100 lbs/hr		50 kg/h
P5	500 lbs/hr		250kg/h
RC1	600 lbs/hr		300kg/h

Mid Series DeDuster[®]

- For bagging stations
- For truck & railcar loading
- For extruder lines
- Available as stand alone system
- Removes dust and streamers
- Reduces customer complaints and rejects
- Improves product quality

P10	1000 lbs/hr		500 kg/h
P30	3000 lbs/hr		1500kg/h
P50	5000 lbs/hr		2500kg/h
P80	8000 lbs/hr		4000kg/h
P120	12000 lbs/hr		6000kg/h
P200	20000 lbs/hr		10000kg/h

Max Series DeDuster[®]

- For bagging stations
- For truck & railcar loading
- Available as stand alone system
- Available as mobile station
- Removes dust and streamers
- Reduces customer complaints and rejects
- Improves product quality

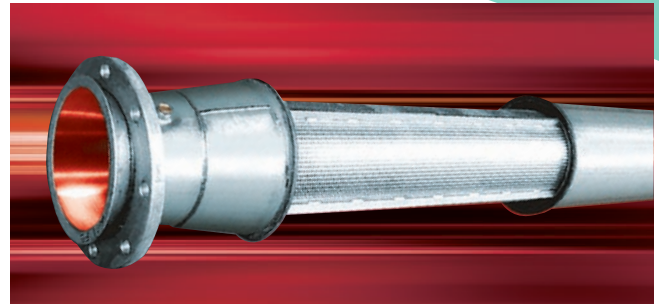
P400	40000 lbs/hr		20000 kg/h
P600	60000 lbs/hr		30000kg/h
P800	80000 lbs/hr		40000kg/h
P1200	120000 lbs/hr		60000kg/h
P2000	200000 lbs/hr		100000kg/h

XP Series DeDuster[®]

- Low height design
- For wash down applications
- For bagging stations
- For truck & railcar loading
- Available as stand alone system
- Available as mobile station
- Removes dust and streamers

XP5	800 lbs/hr		400 kg/h
XP15	3000 lbs/hr		1500 kg/h
XP45	10000 lbs/hr		4500 kg/h
XP90	20000 lbs/hr		9000 kg/h
XP180	40000 lbs/hr		18000 kg/h
XP360	80000 lbs/hr		36000 kg/h
XP720	160000 lbs/hr		72000 kg/h

Patented Conveying Solutions



Pellbow[®] Applications

- For all high and low density dilute phase systems
- For plastic pellets, other granules and abrasive products
- For retrofitting existing systems
- For replacement of long and short radius elbows – and other pipe bends

Pellbow[®] Features

- Compact and easy to install
- 100% self cleaning
- Fits all flange and pipe connections
- Cast iron, stainless and aluminum
- Reduces noise level
- Minimized pressure
- Sizes from 2" to 10" and 50 to 250 mm available

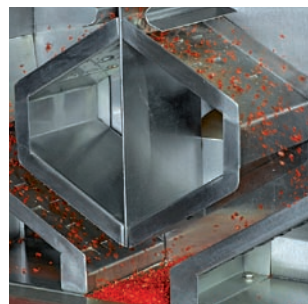
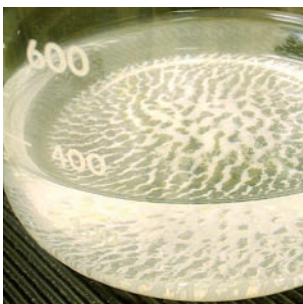
Flow-Enhancer[™] Applications

- Reduces velocity and increases throughput without changing the pipe diameter
- Decreases dust due to reduced conveying velocities
- Decreases noise level when conveying plastic pellets
- Allows increase of pressure level for optimum efficiency without stepping the pipe

- Optimized velocity profile throughout the entire conveying system

Flow-Enhancer[™]'s unique design features allow easy retrofit into existing systems, or saves the stepping of pipes in new systems. It is designed to make systems operate more efficiently.

Pelletron Services



FREE-of-Charge DeDusting Lab Tests

Pelletron offers a comprehensive free-of-charge DeDusting test to its customers. The delivered test results include a detailed digital report as well as the separation of successfully removed dust and streamers according to customer request.

*Freight costs for test material to be paid by customer. Dry tests are done according to ASTM D 1921-96 standards. Wet tests are performed using the FineAlyzer[™], an apparatus that measures fines and dust particles in accordance with ASTM standard D7486-08.

Toll Cleaning

Pelletron offers customized, large-scale product cleaning for virgin material and Regrind for customers with periodic DeDusting needs. Please contact Pelletron for more information.

- Cleaning toll charged per ton of cleaned material
- Service available in the USA and now in Europe as well

Leasing Program

Pelletron Corporation offers a variety of financial solutions in order to meet the unique needs of each customer. Leasing programs are now available on selected DeDuster models such as Mini-Series, P10, P30 and XP15.

The Pelletron Leasing Program is available to qualified customers worldwide; please contact Pelletron for more information.

Pneumatic Conveying Test Lab

Pelletron maintains a test facility for dilute, strand and high pressure dense phase pneumatic conveying testing. The difference between standard elbows and Pellbows in conveying lines can be demonstrated. For Testing of materials, please contact Pelletron.