

Pelletron Corporation News

Pelletron Corporation Unveils New High Performance Cleaning System

The Patented **CCD-Compact Cyclonic DeDuster™**

The new dust removal system is designed to clean very highly contaminated bulk materials efficiently such as plastic pellets, grains, minerals and other granular products. Regrinds with dust loads of 20% and more will be cleaned to perfection. High quality demands for plastic end products require clean virgin resins in order to reduce the scrap rate to a minimum. Low investment and low service costs provide a fast return on investment.

Pelletron developed a new compact and economical dust removal system with extremely high cleaning efficiency. The system is simple to operate and easy to maintain. The core element of the system, the **DeDuster™**, removes resin dust, streamers, metal dust, dirt, paper, and other contaminants. The contaminants are separated from the cleaning air in a high efficiency cyclone and are collected in a dust drum under the cyclone. The full dust drum can be changed without interruption of the operation. The cleaning air will be returned to the **DeDuster™**, after passing through an inline filter.

System Features

- **System is installed on a mobile Oktabin stand**
- **System operates in closed loop mode with one fan**
- **System consists of a DeDuster™, fan, high efficiency cyclone and inline filter**
- **System is easy adjustable for various flow rates.**
- **System is available in various sizes**

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