

Compact bulk bag filler with high-efficiency dust removal

Pelletroneurope, Vogt/Allgäu, Germany, has supplied a mobile 18t/h capacity DeDuster/loading station to the Schkopau, Germany, plant of RP Compounds for filling plastic pellets into bulk bags. The loading station was built by Delaere, Deerlijk, Belgium. The mobile unit is positioned by forklift beneath the selected bin discharge cone of a silo battery, connection being achieved by telescopic pipes. After pellets pass through the DeDuster, the dust content in the cleaned product was measured by the customer multiple times. It was found that residual dust levels were constantly below 30 parts per million. If angel hair is present, this is removed as well. The excellent cleaning results are achieved



through a combination of the air flow (patented wash air principle) and the patented magnetic field technology which interrupts the electrostatic charges between pellet surface and dust. When changing between different product batches the DeDuster can be cleaned easily with compressed air or water.

Pelletroneurope is a subsidiary of Pelletron Corp, Lancaster, PA.

www.pelletroneurope.com;

www.delaere.com

Delaere bulk bag filling station with integrated Pelletron DeDuster