



Company News

Ajax Inclined Screw Feeder for Specialist Chemical Maker

Edited by on 21. Feb. 2018

Bolton, United Kingdom -

Solids handling equipment maker, Ajax Equipment, has supplied a leading speciality chemicals producer with an inclined screw feeder for transferring powder from a dryer to a sifter unit and big bag filler. The 250 mm diameter screw, manufactured in 316 stainless steel, is 6 m in length.

Inclined at up to 30 degrees, the feeder is ATEX compliant for Zone 22 (Zone 21 internals). The screw feeder features full flights, with variable pitch, to accommodate flow from the dryer and the powder's significant wall friction properties. Previously, Ajax Equipment has supplied the chemicals producer with an agitated screw feeder and screw conveyor. The producer supplies monomers and performance enhancers for the plastics and polymers market, as well as, manufacturing advanced intermediates for pharmaceutical, agricultural chemicals and photographic applications. Ajax's technical director, Eddie McGee, commented "The inclined screw feeder integrates into the powder transfer process, giving a reliable and consistent feed to the big bag station."