



AST Drying System

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Scott's Air Swept Tubular (AST) Dryer is designed for rugged duty and versatility. The dryer's adjustable paddles and air dams permit optimum air to solids heat transfer. Materials ranging anywhere from filter cake, thixotropes, and dilatent slurries to powders and hard-to-handle granules can be effectively dried in the AST System. Even slurries with dry solids content as low as 5% can be dried efficiently to as high as 99% dry solids in a single pass.



- Patented agitator design incorporates intense mixing and grinding/deagglomerating action.
- BTU's consumed per dry ton are 10-20% less than most existing dryers.
- Capable of handling feed materials the consistency of liquid slurry, filter cake or granules/powders.
- Single pass drying with feed material as high as 95% moisture reduced to less than 1% moisture.
- Custom designed to meet required specifications.
- Ruggedly designed for years of trouble-free operation.
- Low capital cost.
- Can produce material ranging from pulverized powders with less than 1% moisture to granules with moisture content as high as 15%.
- The ability to adjust product retention time for hard to dry material.