

# Powder Technologies, Inc.



Powder Technologies, Inc.  
3854 Sylon Blvd. • P.O. Box 780  
Hainesport, NJ 08036  
Tel: 609 914 0521  
Fax: 609 914 0318  
E-mail: risherwood@powdertechusa.com  
www.powdertechusa.com

## Your source for high quality powder and liquid processing equipment

### Company Description

Powder Technologies, Inc. (PTI) is the exclusive distributor throughout North America of Ystral liquid and powder processing systems. Combining the equipment of Ystral, one of the most experienced, highly regarded processing equipment manufacturers in the world, with our proven commitment to design and fabrication, we are able to solve your coatings application requirements while improving production and profitability.

### Technologies

Ystral equipment should be the only choice when it comes to the induction, dispersion, wetting and mixing of powders into liquids. Their process solutions are second to none. The mixers, dispersers and the combination mixer/disperser are manufactured in versions from small pilot-scale equipment to complete turnkey processing solutions. Dust-free powder induction for hazardous materials is one of their specialties, and difficult process problems are welcomed.

### The Products

- **The Ystral Jetstream Mixer** - meets all requirements to achieve a complete and homogenous mixture in a vessel. The turbulences provided by the mixing head and strong vertical circulation allow optimal mixing of the tank or vessel's entire contents without any incorporation of air by a vortex or along the mixing shaft. Even materials with high viscosities, are fully influenced. Unlike standard propeller mixers, the medium does not rotate in the tank and baffles are not required. Even heavy sediments are fully suspended.

- **The Ystral Dispermix** – similar in operation to the Jetstream, but with a serrated stator. Dispermix causes intensive mixing in both the micro and macro range of the product. It simultaneously disperses and mixes in one single operation and negates the need for a second step with a high shear mixer.

- **Ystral Conti TDS** – provides dust and loss-free emptying of containers, feeding of powder, dosing and adding, wetting and dispersing to a completely agglomerate-free result – achieved in one process step within one machine. Production time is minimized, partial processing steps are avoided and production cost is reduced to a minimum with higher efficiency of the raw material and higher resulting product quality.

### Technical Services

Powder Technologies can also assist you with feasibility and engineering studies, process and plant design, installation, start-up, training, and maintenance and parts inventory. We have a fully equipped and staffed test facility, as well as rental equipment for on-site evaluation.

