

TOLL MANUFACTURING PARTICLE PROCESSING SERVICES



FLUID BED DRYING SERVICES

Fluid Bed Drying is a way of gently drying particles through fluidizing them in a temperature controlled air stream. This process increases the exposed surface area of each particle promoting faster drying, mixing of solids and improving heat transfer.

Solids can also be agglomerated when a liquid binder is sprayed into the fluid bed during the drying process. This method of top-spray agglomeration is ideal for forming granules with specific particle sizes and density characteristics desired in food and beverage powders, fine chemicals or cosmetics.

INDUSTRIES



Additive
Manufacturing



Automotive



Animal Feed
& Pet Care



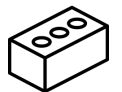
Battery
& Microelectronics



Food, Beverage &
Nutraceuticals



Personal &
Beauty Care



Industrial Materials,
Specialty Chemicals
& Petrochemicals



SPECIFICATIONS & CAPACITY

- **Temperatures** ranging from ambient up to 120 ° C
- **Lab & Pilot Scale** capacity ranging from 2 - 19 L
- **Production Scale Units** capacity ranging from 250 - 770 L

BENEFITS OF FLUID BED PROCESSING

- + **Fluid Bed Drying:** Achieves consistent moisture levels, enhancing product quality. Ideal for fragile materials particles sensitive to high temperature or shear stress.
- + **Fluid Bed Agglomeration:** Ability to grow particles in a controlled manner. Excellent for dedusting, improving flow and instatizing.
- + **Optimal Drying Parameters:** Controlled drying conditions throughout the run that are reproducable and scalable.



QUALITY PLEDGE

Provide services and solutions that meet or exceed our customer's requirements by continually improving our quality management system, quality performance, and good manufacturing practices.

- USDA, FSIS INSPECTED & CERTIFIED
- FSSC 22000
- KOSHER CERTIFIED
- ISO 9001
- CERTIFIED ORGANIC