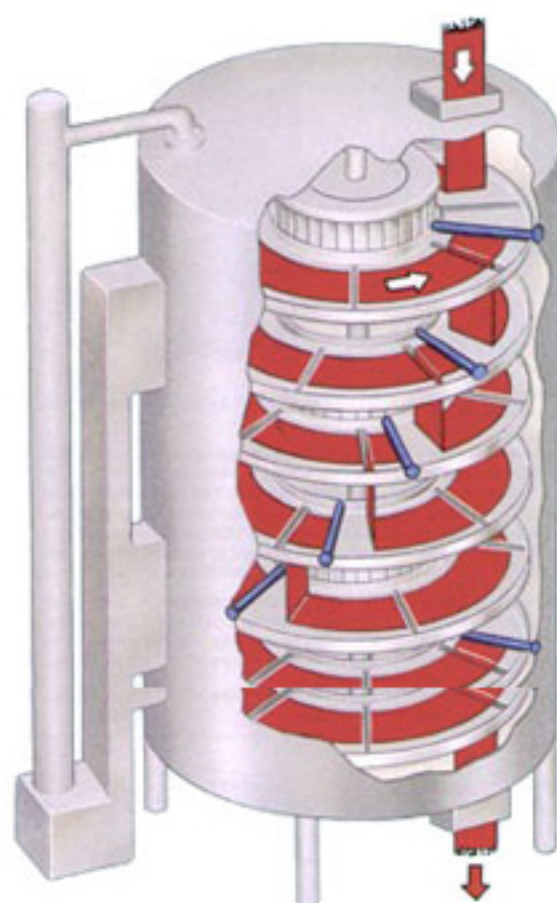




Dryers

Standard TURBO-DRYER®



The TURBO-DRYER® consists of a stack of slowly rotating circular trays. Material is fed onto the top tray. After one revolution the material is wiped onto the next lower tray where it is mixed, leveled, and then after one revolution, is wiped to the next tray where the operation is repeated. The trays are contained in an enclosure in which heated air or gas is circulated by internal fans.

Even, thorough, and rapid drying

Wyssmont TURBO-DRYER® delivers very uniformly dried product because material is intermittently redistributed with plug-flow operation. Uniform inside temperature or zoned temperature regions. The

closest product temperature control of any dryer possible. Can give the lowest residual moisture of any dryer.

Product Quality

Gentle handling. Little dust, fines. Little product degradation, even with fragile materials such as crystals and pellets. Provides a free-flowing product when other dryers produce material that cakes or sets-up in containers, silos, or railcars.

Wyssmont®

Features

- Handles temperatures up to 1200°F
- Precisely controlled temperature and residual time
- Easily adjusted and automatically maintained drying conditions
- Can adjust to varying feed rates
- Can operate with inert atmosphere recirculation with solvent recovery
- Operates as a dryer, cooler, reactor, heat treater, calciner, humidifier, agglomerator, sublimator, roaster, in combination if required.
- Environmentally sealed, and explosion-proof models
- The self-cleaning wiping action often eliminates the need for manual cleaning at product changeovers
- Easy startup and operation on different materials
- Low maintenance costs because of its unparalleled reliability
- Low energy costs. Low labor costs
- Can use any heating medium: steam, gas, electricity, oil, high temperature oil or waste gas from other operations
- Does low temperature drying as low as 60°F without vacuum or up to 1200°F
- Available in laboratory sizes, package units, and large field erected sizes
- Manufactured in a wide range of materials
- Vertical construction, little space requirements. Outdoor or indoor installations
- Accurate scale-up from tests on a few pounds

