

Industrial Hot Air Stirring Dryer

The hot air stirring dryer dries materials by using the inner tube to conduct heat indirectly, which prevents the materials from touching hot air. It is typically used to dry high-humidity materials such as mud, gypsum, and slurry.



Overview

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This industrial hot air stirring dryer utilizes advanced indirect heating technology to process high-humidity materials efficiently. By employing double-shaft stirring and spiral pushing, the system can reduce moisture content from 65% down to 5-12% in just 2-20 minutes. Its design ensures materials remain at lower temperatures during processing, making it ideal for heat-sensitive substances across the food, pharmaceutical, and chemical industries.

Performance Specs

Moisture Reduction	65% to 5-12%
Processing Time	2-20 minutes
Suitable Particle Size	2-5 mm

Technical Details

Mechanical Features

- Double shaft stirring
- Spiral pushing mechanism
- Indirect heat conduction

Drying Method	Indirect heat via inner tube
Construction Material	Stainless steel inner tubes

Applications

Compatible Materials

- Mud and Slurry
- Gypsum and Bentonite
- Vinasse and Pomace
- Medicine dregs
- Bean and Soya residue
- Sugar residue
- Peat
- Rare earth

Industries Served	Electronic, Food, Pharmacy, Printing, Packaging, Cleaning, Chemical
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