

OSC-D热风搅拌强制流态化干燥系统 OSC-D Air Swept & Stirring Forced Fluidization Drying System

泰达OSC-D双轴热风搅拌强制流态化干燥系统，本质上是一种高效热交换的气流流化床，它是泰达新一代欧版D型干燥系统。该干燥机采用双轴搅拌螺旋推进系统，将高湿、粘稠物料快速干燥，适合于高粘度高湿度物料干燥，可将初含水65%以下的高湿物料一次烘干到最终含水5%-15%以下，干燥时间短，一般为2-50分钟。由于高速搅拌叶片激烈搅拌潮湿物料，湿物料在浮腾状态下与热风良好接触，物料在机内前半部分水分蒸发较快，机内热风温度急剧下降，因此，即使使用高温热风，物料的温升并不高。

典型应用如泥煤，污泥，矿泥干燥，石膏干燥，膨润土干燥，酒糟干燥，果渣干燥，药渣干燥，豆渣干燥，糖渣干燥，酱渣干燥，泥炭干燥，稀土等高湿物料干燥；有机物，污泥化合物及化工原料等泥状，粉粒状，片状高湿物料干燥。

Taida OSC-D double-shaft hot air stirring forced fluidized drying system is a kind of efficient heat-exchanging airflow fluid bed essentially. It is new generation European type D model drying system. By adopting double-shaft stirring and air swept propulsion, OSC-D dryer can rapidly dry high-moisture and high-viscosity materials. OSC-D dryer can reduce 65% high moisture to below 5%-15% one time. Its drying period is short, generally 2 to 50 minutes. With the intense agitation of high-speed stirring blades, wet materials contact with hot air well under floating state. Moisture evaporation speed of raw material is pretty fast in the front part of dryer. Hot air temperature inside dryer drops down sharply. Therefore, even though using hot air, temperature increase of raw materials is not very high. OSC-D dryer is always used to dry following typical materials, such as:

Coal slime, sludge, gypsum, ore slurry, bentonite, vinasse, pomace, medicine dregs, bean dregs, sugar residue, soya residue, peat, rare earth and other high-moisture materials; Organic materials, sludge compound materials, chemical raw materials, powder particle and flake high-moisture materials.

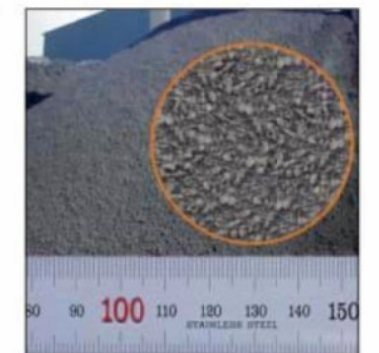
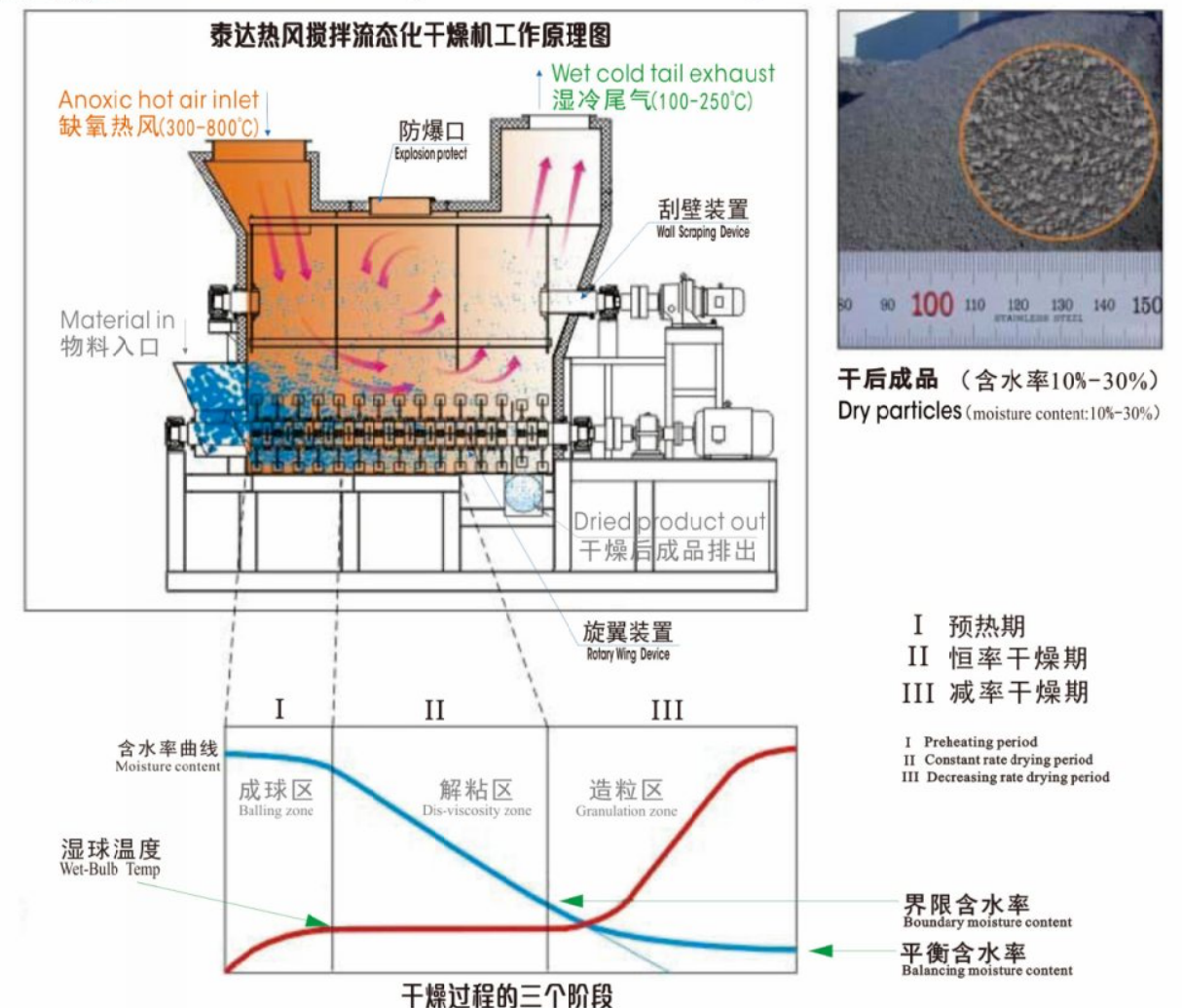


主要技术参数

Technical Parameters

设备规格 Item		TDOSC-D1500	TDOSC-D2500	TDOSC-D3500	TDOSC-D5500
干燥能力 Drying Capacity	kg H ₂ O/hr	1500	2500	3500	5500
最大进料量 Input Capacity	kg/h	10000	15000	25000	40000
物料进料含水率 Input Moisture Content	%	≤90	≤90	≤90	≤90
物料出料含水率 Output Moisture Content	%	12-50	12-50	12-50	12-50
安装功率(kw) 装机功率	shaft motor	22×2	22×2	30×2	45×2
	Scraper motor	5.5	5.5	5.5	5.5
	Back mixing motor	2.2	2.2	2.5	2.2
热风温度 Hot Air Temperature	℃	350-800	350-800	350-800	350-800
外形尺寸 Overall Dimensions	mm	4500*2100*4000	5700*2100*4500	6700*2100*4500	7700*2100*4500
重量 Weight	t	10500	12000	18000	25000

原理概述 Brief Introduction



干后成品 (含水率10%-30%)
Dry particles (moisture content:10%-30%)

优势特点 Advantages

该系列的主要优点是：结构紧凑，产量大，占地面积小，热交换效率高；成品含水率可调，运行成本低，操作简单、方便、安全。

This series dryer is characterized by compact structure, large capacity, small occupation area, high heat exchanging efficiency, low running cost, simple operation, stable performance and safe production. Moisture of final products can be adjusted.

客户案例 Customer Case

