

OSC欧版C型旋翼式干燥系统 OSC European C-type Rotary Wing Drying System

欧版C型旋翼式干燥机采用了最先进的干燥技术。它的原理是一种结合了风扫、热风搅拌的气流流化床。该机器几乎可以处理任何物料，从低固相浆体、粘稠物料到低湿度粉体颗粒。物料从进入设备到成品出料，停留时间从几秒到几分钟可控可调，热效率高达85%以上，是普通干燥设备的2倍，并可利用尾气余热循环烘干。蒸发速度高达8吨/小时。

泰达生产的新型欧版C型干燥系统弥补了国内该方面的空白。此新型干燥机不仅可烘干含水量高达95%的物料，还可以用于烘干高热敏性的物料，适用范围比较广泛，既可以用于颗粒状物料又可以用于粉末状物料。该系列设备可处理物料范围尤为广泛，且形式多样，以下为主要可处理物料的分类：氢氧化铝，膨润土，骨粉，酒糟，碳酸钙，纤维素，陶瓷纤维，谷物，动物粪便，果渣，动物蛋白，市政废弃物，各种污泥等。

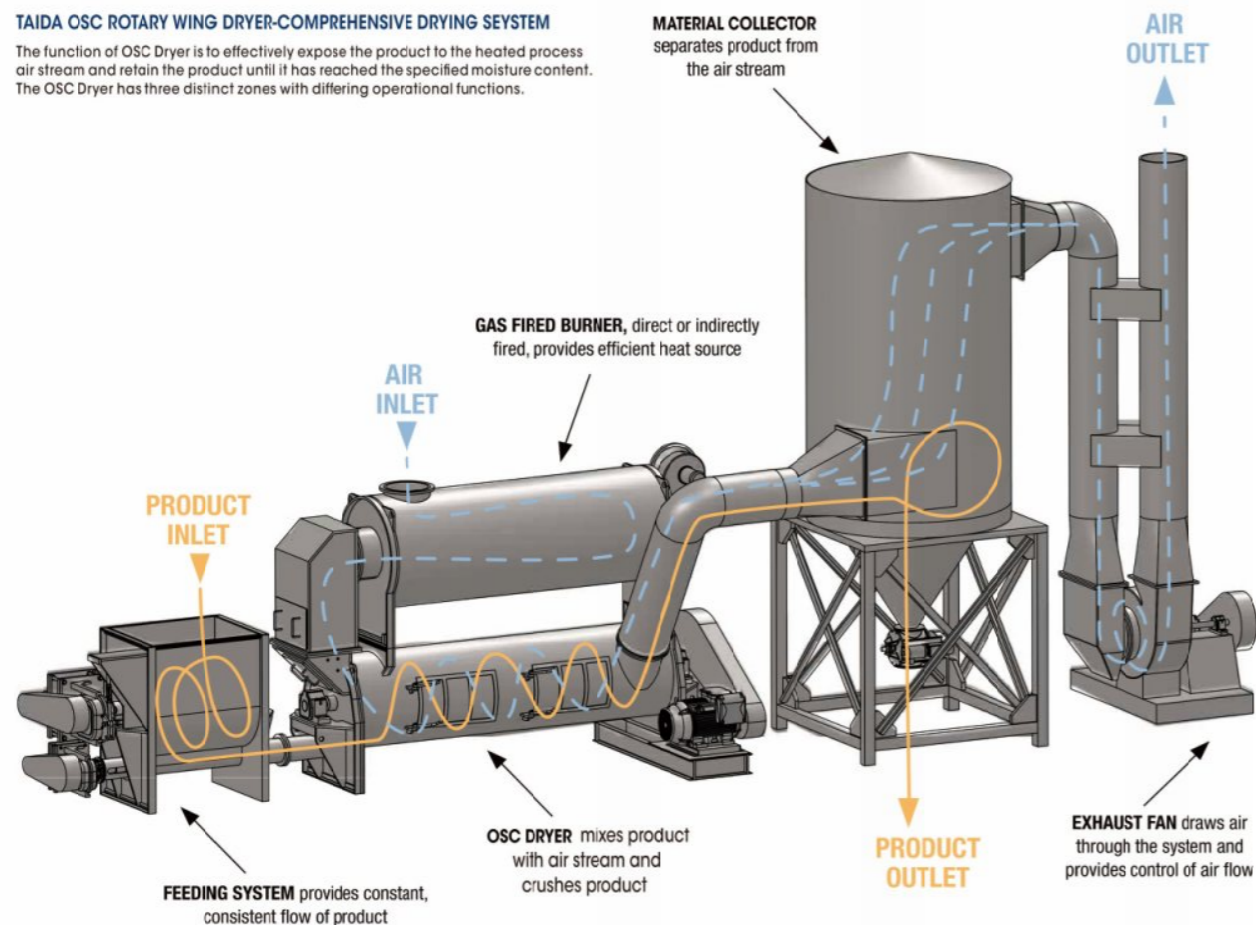
European C-type Rotary Wing Dryer adopts the most advanced drying technology. It is a kind of airflow fluid bed which combines working principle of both air swept and hot air stirring. It can almost deal with any kinds of materials, from low-solid contents to low-moisture powder. Materials' routine in dryer can be easily controlled. Its thermal efficiency reaches to over 85% which is twice of common dryer. It can also make use of exhaust heat to reach drying aim. Evaporation speed can reach as high as 8ton per hour.

Taida European C-type Rotary Wing Dryer makes up the technical gap in drying machine which can integrates drying and crushing into a whole. This new type dryer can be used to dry materials with 95% moisture content. With wide application fields, it can be used to dry both granular materials and powder materials. It holds various forms such as Aluminum hydroxide, bentonite, bone meal, liquor, calcium carbonate, cellulose, ceramic fiber, grain, animal waste, fruit residue, animal protein, municipal waste, various sludge and etc.

原理概述 Brief Introduction

TAIDA OSC ROTARY WING DRYER-COMPREHENSIVE DRYING SEYSTEM

The function of OSC Dryer is to effectively expose the product to the heated process air stream and retain the product until it has reached the specified moisture content. The OSC Dryer has three distinct zones with differing operational functions.



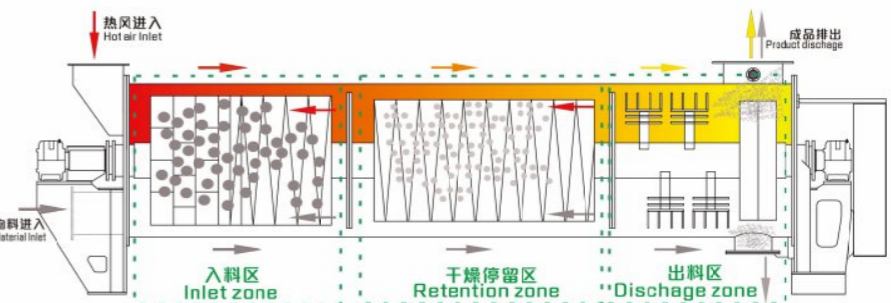
客户案例 Customer Case



优势特点 Advantages

该系列的主要优点：
集粉碎，搅拌，分级，烘干多种功能为一体；系统占地面积非常小，节约50%以上空间。

Major advantages: This series machine integrates multiple functions into a whole. Whole system occupies very less area.



技术革新产品:

该系列的技术革新点在于：利用欧版旋翼轴将物料粉碎破壁，和热风混合形成涡流，在挡料环和空气阻尼器的进一步作用下将干燥室分为闪蒸区、恒速干燥区、降速干燥区三个功能区，能够用于特别难烘干的物料。

TDOSC dryer technical innovation:

Make use of rotary wing shaft to crush materials; mix with hot air and form vortex; With the dual function of material retaining ring and air damper, TDOSC dryer is divided into flash drying zone, constant speed drying zone and low-speed drying zone. TDOSC dryer can be used to dry materials which are difficult to deal with.

主要技术参数

Technical Parameters

设备规格 Item	OSC310	OSC510	OSC1010	OSC2010	OSC3010	OSC4010	OSC5010
热功率(10,000kCal/h) Thermal Input	10-30	15-40	30-80	65-150	130-320	180-395	250-550
热风量(m3/h) Hot air Volume	2500	3720	7500	16000	32000	45000	70000
蒸发量(kg/h H2O) Evaporation Capacity	360	550	1100	2200	4500	5500	7800
电机功率(kw) Motor Power	7.5	11	30	55	75	110	160
主机外长(mm) Equipment Length	3800	4080	5200	5500	6500	10500	12000
主机外宽(mm) Equipment Width	1200	1500	2200	2900	3200	3800	4580
主机外高(mm) Equipment Length	835	1000	1390	1800	2200	2680	3320