

HGB Series Revolving Cylinder Dryer

HGB 系列回转滚筒干燥机



概述 Description

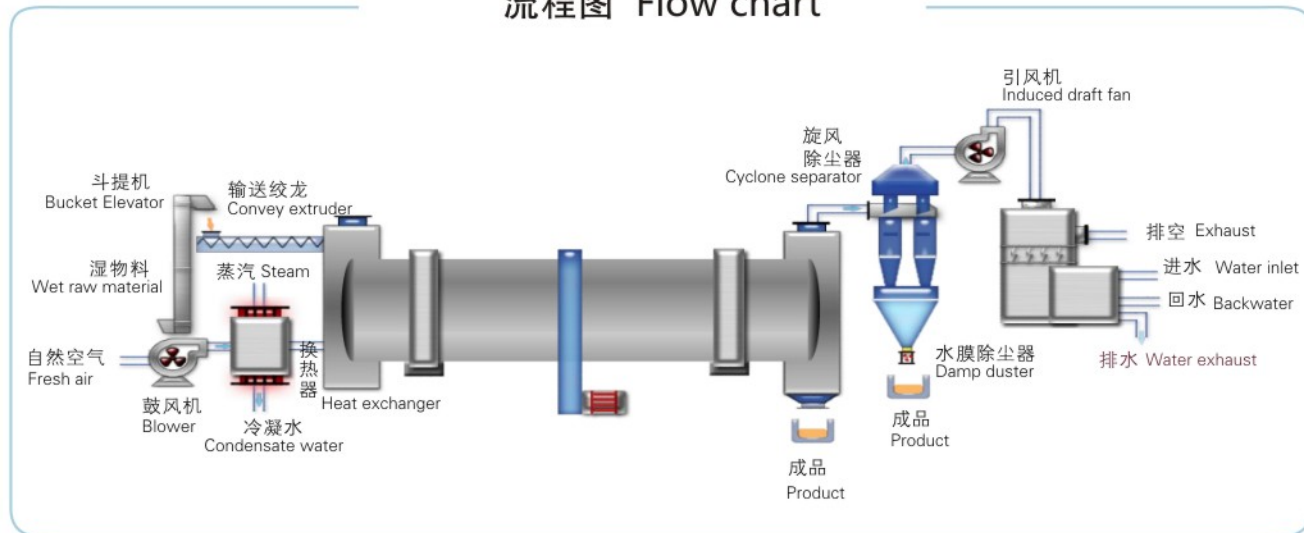
湿物料从干燥机一端投入后, 在内筒均布的抄板器翻动下, 物料在干燥器内均匀分布与分散, 且与并流 (逆流) 的热空气充分接触, 加快了干燥传流、传质推动力。在干燥过程中, 物料在带有倾斜的抄板和热气流作用下, 可调控地运动至干燥机另一端星形卸料阀排出成品。

When the damp raw material is fed from one terminal, it is turned over through blades that are distributed inside the cylinder and will be distributed uniformly in the drier and contact fully with the countercurrent hot air. In this way, the process of heat conduction is increased. During the period of dry, under the effect of incine blades and hot air stream, raw material can be moved to the star section of drier and discharged from discharged form discharging valve.

特点 Features

- 转筒干燥器机械化程度高, 生产能力较大。
 - 流体通过筒体阻力小, 功能消耗低。
 - 对物料特性的适应性比较强。
 - 操作稳定, 操作费用较低, 产品干燥的均匀性好。
- High in the etent of mechanization and strong in production capacity.
 - The resistance for fluid passing through the cylinder is small. The consumption of power and energy is low.
 - It has strong adaptability to the properties of raw material. The operation is stable. The cost of operation is cheap.
 - The uniformity of dried substance is good.

流程图 Flow chart



HGB Series Revolving Cylinder Dryer

HGB 系列回转滚筒干燥机

应用

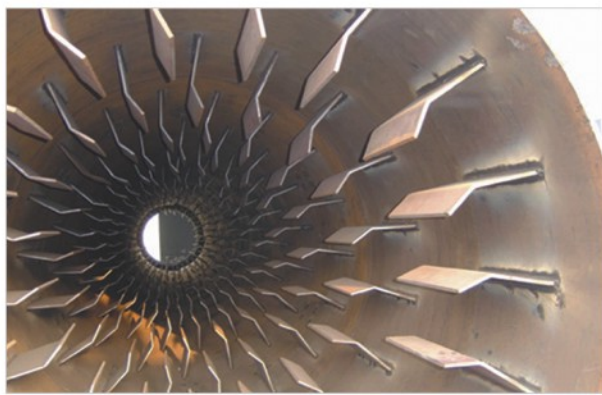
适用于

1. 化工、矿山、冶金等行业大颗粒，比重大物料干燥，如：矿山、高炉矿渣、煤、金属粉末、磷肥、硫铵。
2. 对有特殊要求的粉状、颗粒状物料的干燥，如：Hp发泡剂、酒糟渣、轻质碳酸钙、活性白土、磁粉、石墨、药渣。
3. 要求低温干燥，且需大批量连续干燥的物料。

Application

Applicable to the

- 1 Chemical, mining, metallurgy and other industries the proportion of large particles, drying, large material such as: mine, blast furnace slag, coal, metal powder, phosphate fertilizer, ammonium sulfate.
- 2 of the powder, the special requirements of dry granular materials, such as: Hp vesicant, lees, light calcium carbonate, activated clay, powder, graphite, drug residue.
- 3 dry at low temperature, and large quantities of continuous drying of materials.



技术参数 Technical parameters

型号type	筒体rotary		斜度 slope%	转速 turn speed (r/min)	电机功率 power of moto kw	设备重量 weight (T)
	直径 diameter(m)	长度 length(m)				
HGB1.0-6	1.0	6	2-5	2-7	5.5	7
HGB1.0-8	1.0	8	2-5	2-7	5.5	8
HGB1.0-10	1.0	10	2-5	2-7	5.5	9
HGB1.2-8	1.2	8	2-5	2-7	7.5	10
HGB1.2-10	1.2	10	2-5	2-7	7.5	11
HGB1.2-12	1.2	12	2-5	2-7	11	12
HGB1.5-10	1.5	10	2-5	2-5	11	16
HGB1.5-14	1.5	14	2-5	2-5	15	18
HGB1.8-12	1.5	12	2-5	2-5	18.5	20
HGB1.8-14	1.8	14	2-5	2-5	18.5	21

型号type	筒体rotary		斜度 slope%	转速 turn speed (r/min)	电机功率 power of moto kw	设备重量 weight (T)
	直径 diameter(m)	长度 length(m)				
HGB2-20	2	20	2-5	2-3	22	30
HGB2.2-18	2.2	18	2-5	2-3	30	34
HGB2.2-20	2.2	20	2-5	2-3	30	36
HGB2.4-18	2.4	18	2-5	2-3	30	42
HGB2.4-22	2.4	22	2-5	2-3	37	46
HGB2.8-18	2.8	18	2-3	1-3	40	75
HGB3-20	3	20	2-3	1-3	55	82
HGB3-25	3	25	2-3	1-3	55	115
HGB3.2-20	3.2	20	2-3	1-3	75	95
HGB3.5-20	3.5	20	2-3	1-3	75	109
HGB3.5-25	3.5	25	2-3	1-3	75	135
HGB3.5-30	3.5	30	2-3	1-3	110	164