

QG\GFF\FG Series Air Steam Dryer

QG、GFF、FG系列气流干燥机

概述 Description

QG气流干燥机是大批量的干燥设备, 它采用瞬间干燥的原理, 利用载热空气的快速运动, 带动湿物料, 使湿物料浮在热空气中, 这样强化了整个干燥过程, 提高了传热传质的速率, 经过气流干燥的物料, 非结合水份几乎可以全部除去(例如: 淀粉等物料进料含水量是 $\leq 40\%$ 左右, 成品出料可为13.5%), 所干燥的物料, 不会产生变质现象, 产量可比一般干燥机有显著提高, 用户在短期内取得较高的经济效益。

QG pulse air steam drier is large hath drier, it adopt instant drying principle, use the hot air which moving fast, drive damp raw material and make it float on the hot air, this strengthen the drying process, improved the speed of hot exchanging, raw material is dried by the drier which non-combine water can remove completely. (for example: aw materia1's first moisture less than 40%, output of finished product occupy 13.5%), raw material doesn't produce metamorphous phenomenon, output increase high than economic drier, the consumer can acquire upper economy benefit in short time.

特点 Features

QG气流干燥机, 适用于制药、化工、食品、建材、塑料等行业的粉状物料的干燥除湿, 例如: 淀粉、鱼粉、食盐、酒糟、面筋、塑料树脂、矿粉、煤粉、A·B·C苯甲酸、2·3·酸、聚氯乙烯、聚丙烯、硫酸钠、焦亚硫酸钠多种物料的干燥。

我公司就气流干燥设备对外咨询, 并代为设计制造非定型气流干燥机。

QG pulse air steam drier of our company introduces into the most advanced techniques and machines from the United States, has reached the advanced level of international, the equipment has many advantages listed below high in automatic degree, little in investment, low in energy consumption, little occupy in air of factory and work power, wide in applied surface, it is a perfect modern equipment.

技术参数 Technical parameters

名称 Name	参数 Parameter	型号 Model	QG-50	QG-100	QG-250	QG-500	QG-1500
水份蒸发量 Evaporation	kg/h		50	100	250	500	1500
	面积 Area(m ²)		4	6	18	36	60
空气过滤器 Air filter	台数 Amount		1	1	1	2	2
	更换时间 Exchange time(h)		200(滤袋)	200(滤袋)	200(滤袋)	200(滤袋)	200(滤袋)
	面积 Area(m ²)		30	43	186	365	940
加热器 Heater	耗用蒸汽 Consume of steam(kg)		120	235	450	972	2430
	工作压力 Work pressure(Mpa)		0.6-0.8	0.6-0.8	0.6-0.8	0.6-0.8	0.6-0.8
	型号 Model		9-19-4.5	9-26-4.5	9-19-9	9-19-9	9-26-6.3
通风机 Ventilator	台数 Amount		1	1	1	2	4
	功率 Power(kw)		7.5	11	18.5	37	125
	输送量 Amount of transportation(kg/h)		150	290	725	1740	4350
加料器 Material charger	控制方式 Control mode		电磁调速电机	电磁调速电机	电磁调速电机	电磁调速电机	电磁调速电机
	功率 Power(kw)		0.6	1.1	3	3	5
	型号 Model		CLK-350-400	CLK-500-450	ZF12.5	ZF12.5	
旋风分离器 Cyclone separator	效率 Efficiency		98	98	98	98	
	数量 Amount		2	2	2	3	
	数量 Amount		1	1	1	1	1
袋滤器 Bag filter	数量 Amount		1	1	1	1	1
	耗气量 Consume of gas(m ³ /h)				3.6-20.0		

注: 部分参数设计时视不同物料有所调整, 以设计为准。



应用 Application

本公司生产制造QG气流干燥设备, 引进美国先进技术设备, 经过独特的设计, 已达到国际一流先进水平, 本产品整个设备自动化程度高, 投资少, 耗能低, 占用人力和厂房面积比较少, 通用面广, 是理想的现代化设备。

The equipment is wide used for drying granule and powder raw materials in the field of foodsluff, chemical, pharmacy, construction materials, plastic industry. For example: starch, finish powder, salt, less, gluten, feed, plastic resin, coal powder. A.B.C benzoic acid, 2.3 acid, PVC, polypropylene. Sodium sulfate. sodium pyrosulfite and so on.

Our company can consultation with the drier. also can design and manufacture non-finalize drier.