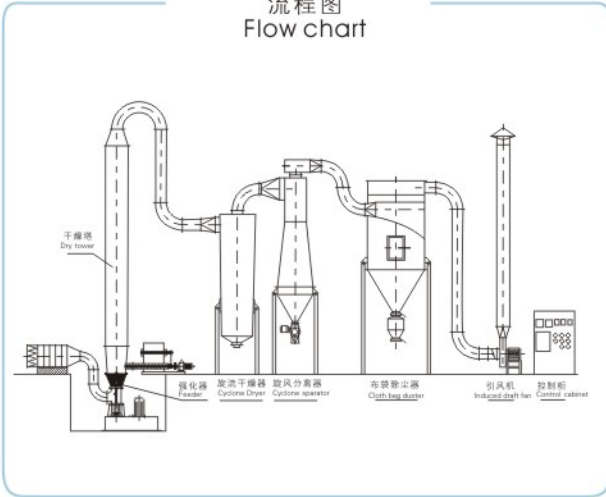


QG\GFF\FG Series Air Steam Dryer QG、GFF、FG系列气流干燥机

流程图
Flow chart



原理

气流干燥能从易于脱水的颗粒，粉末状物料，迅速除去水份（主要是表面水份）。在气流干燥中，由于物料在干燥器内停留时间短，使干燥成品的品质得到最佳的控制。我厂强化型气流干燥是在基本型上增加一套转速可以无级调节的强化器组成，湿物料通过螺旋加料器进入强化器后和热气流充分混合，在飞速旋转的击刀击碎和推进下，物料被破碎成细颗粒，在干燥同时向出口移动，最后在风力吸引下进入干燥管，进一步均匀干燥。风力无法吸引的湿重颗粒继续被击碎、干燥、直至能被风吸起进入干燥管。

Principle

Air stream dryer can remove moisture from the surface of raw materials of granules or powder that are easy to dehydrate. Under the air stream drying process; the quality of finished products can be controlled to the best because of raw material stays a short time. The dryer of our factory is developed on the basis of basic spec to add a reinforced device of steeples speed exchange. When the humidity raw material is fed through screw, it is mixed with air fully and is broken and pushed by rotating knives, the surface of raw material is broken to fine granule. It moves to the outlet at the same time of drying. Finally it enters into drying pipe under the absorbing of air force, it is dried further there. The humid and heavy granule that is not absorbed by air is broken and dried continuously till entering the drying pipe.



本机特别适合含水量比较大的，呈膏糊状的湿物料，以及用其他气流干燥方法无法干燥的物料，如：醋酸乙烯及聚乙烯的共聚物，醋酸纤维絮，催化剂、C.M.C、CT-1树脂、煅石膏、电解二氧化锰、蒽醌磺酸铵盐、氟石、硅藻土、硅胶催化剂、骨粉、过氟酸钾磺铵类药物、合成树脂、活性面筋、活性白土、化学滤饼、金红石型钛白粉、癸二酸、硫酸铜、硫酸铝、硫酸钠、磷酸钙、磷酸酯化淀粉、染料、柠檬酸钙、煤泥、粘土、粘土水泥、氢氧化铝、氢氧化钡、乳酸钙、食品、三聚氰胺、石膏浆、石灰、生物制品、碳黑、碳酸钙浆、污泥渣、有机化学品硬脂酸铝、氧化铁、有机燃料、玉米蛋白饲料、阴湿泥浆、云母粉、药剂、颜料、重铬酸钾纸浆、酒糟渣等。

This dryer is suitable for the raw materials that contains high moisture and appear paste and other raw materials that can not be dried with other drying methods. For example, copolymer of vinyl acetate and chlorothymol, cellulose acetate, catalyst, C.M.C., CT-1 resin, burnt plaster, electrolytic manganese dioxide, anthraquinone ammonium sulphonate, fluor, diatomaceous, silica gel catalyst, born powder, potassium perchlorate sulfonamide, synthesis resin, active gluten, active argil, chemical filter cake, titanium dioxide, decanoic acid, copper sulphate, Aluminum sulphate, sodium sulphate, calcium phosphate, starch, dyestuff, calcium citrate, coal earth, cement, aluminum hydroxide, barium hydroxide, slurry of calcium carbonate, residue of sludge, organic compounds, ferric oxide, organic fuel, maize albumen feed, mica powder, medicine, dyestuff, paper pulp of potassium prodromata, lees residue and so on.

技术参数 Technical parameters

(以玉米淀粉为准 calculated based on maize)

型号 spec	蒸发水份(kg/h)以表面水份计算 moisture be evaporated(calculated based on the surface moisture)	装机功率 power(kw)	占地面积(m ²) area to occupied	高度 height(m)
GFF 50	50	10	20	9
GFF 100	100	20	32	11
GFF 200*	200	31	40	11
GFF 250	250	32	64	13
GFF 500*	500	54	96	13
GFF 1000*	1000	135	120	15
GFF 1500*	1500	175	200	16

注：1、有*号者为二级干燥 2、装机功率、占地面积以蒸汽加热方式计算

Note: 1、marked with * has two grade for drying. 2、Its power and area to be occupied are calculated based on steam heating.

注：部分参数设计时视不同物料有所调整，以设计为准。