



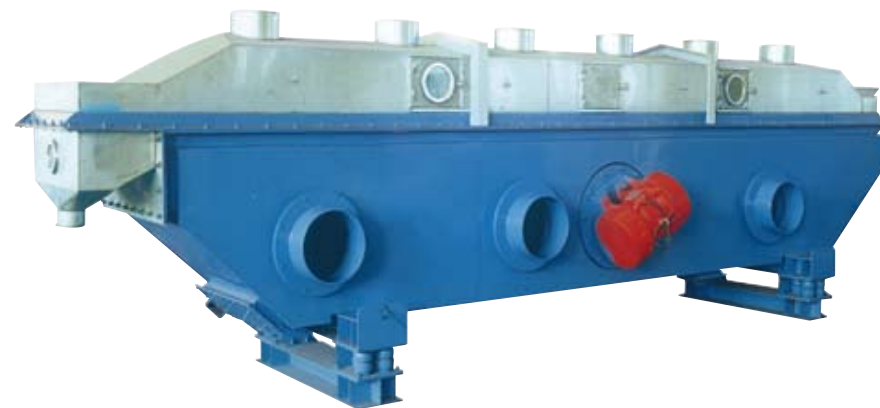
ZLG振动流化床干燥机

ZLG Series Vibrating Fluid Bed Dryer



特点 Features

- ◆ 采用振动电机驱动，运转平稳、噪音小、寿命长、维修方便。
- ◆ 热效率高，比一般干燥装置可节能30%以上。床层温度分布均匀，无局部过热现象，流态化均匀，无死角现象。
- ◆ 料层厚度和机内移动速度及振幅均匀可在设计范围内调整，可调性好，适用面宽。
- ◆ 对物料表面损伤小，可用于易碎物料的干燥，物料颗粒不规则时亦可使用，不影响效果。
- ◆ 采用全封闭式结构，有效地防止了物料与外界的交叉污染，环境清洁，可连续作业。
- ◆ 当用于高水份物料大批量生产时，可采用多台串联的方式以达到使用要求(典型物料：如聚丙烯酰胺等)
- ◆ The vibration is created by motor. It is stable in operation and convenient in maintenance, low noise and long life.
- ◆ High Efficiency, raw material is heated evenly and heat exchange is fully used and dry capacity is high. Compared with ordinary Dryer, the energy can be saved about 30%.
- ◆ It is good in regulation and wide in suitability. The thickness of raw material layer and movable speed inside the machine and the amplitude can be adjusted.
- ◆ It is small for damaging the surface of raw material. The equipment can be used for drying raw materials that are easy broken. The drying effect can not be affected even if raw materials have anomaly shape.
- ◆ It is effective to prevent cross pollution between raw material and air because the equipment adapts fully closed structure. The environment of operation is clean.
- ◆ You can string multi-set to raised capacity of raw materials, such as polyacrylamide



概述 Descriptions

- ◆ ZLG振动流化床干燥机广泛适用于化工、轻工、医药、食品、塑料、粮油、矿渣、制盐、糖等行业的粉料颗粒状物料的干燥、冷却、增湿等作业。
- ◆ The Dryer is suitable in chemical industry, light industry, pharmaceutical, food, plastic, oil, slag, salt, sugar and so on, for drying, cooling and wetting.

工作原理 Principle of work

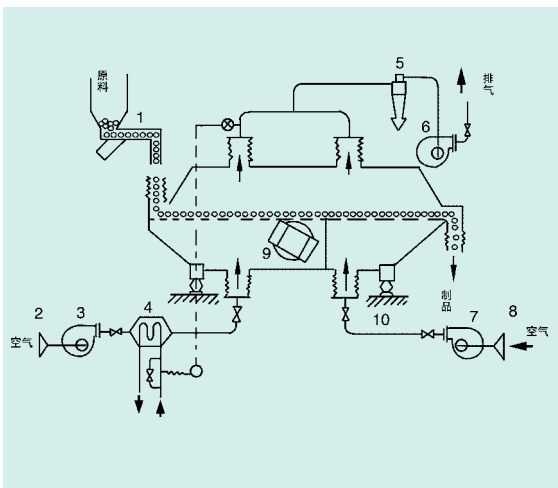
- ◆ 物料自进料口进入机内，在振动力作用下，物料沿水平方向抛掷向前连续运动，热风向上穿过流化床同湿物料换热后，湿空气经旋风分离器除尘后由排风口排出；干燥物料由排料口排出。
- ◆ Raw materials are fed into the machine from the inlet and move forward continuously along with the level of fluidized-bed under the action of vibration. The hot air passes through fluidized-bed and carries out heat exchange with damp raw material. Then the damp air is exhausted out through cyclone separator and dust collector and the dry raw material is discharged through discharge outlet.



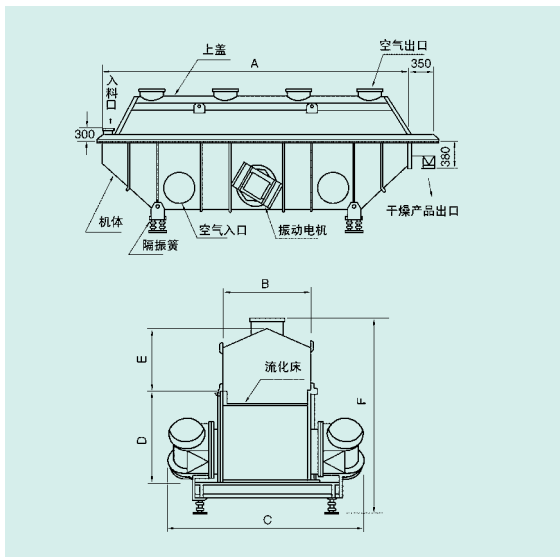
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工艺流程 Technological process



结构简图 Sketch of structure



技术参数 Technical Parameters

机型model	流化床面积 m ² Area of fluidized-bed	进风温度 °C Temperature of air in	出风温度 °C Temperature of air out	蒸发水份能力 Capacity to vap- por moisture kg/h	振动电机Vibration motor	
					型号model	功率power
ZLG0.30x3	0.9	70-140	40-70	20~35	ZDS10-6	0.75x2
ZLG0.30x4.5	1.35	70-140	40-70	35~50	ZDS10-6	0.75x2
ZLG0.45x4.5	2.025	70-140	40-70	50~70	ZDS10-6	1.1x2
ZLG0.60x4.5	2.7	70-140	40-70	70~90	ZDS10-6	1.1x2
ZLG0.45x6	2.7	70-140	40-70	80~100	ZDS10-6	1.1x2
ZLG0.60x6	3.6	70-140	40-70	100~130	ZDS25-6	1.5x2
ZLG0.75x6	4.5	70-140	40-70	120~170	ZDS25-6	1.5x2
ZLG0.9x6	5.4	70-140	40-70	140~170	ZDS30-6	2.2x2
ZLG0.6x7.5	4.5	70-140	40-70	130~150	ZDS30-6	2.2x2
ZLG0.75x7.5	5.625	70-140	40-70	150~180	ZDS40-6	3.0x2
ZLG0.9x7.5	6.75	70-140	40-70	160~210	ZDS40-6	3.0x2
ZLG1.2x8	9.6	70-140	40-70	200~280	ZDS50-6	3.7x2

型号model	尺寸dimension						重量Weight (kg)
ZLG0.30x3	A	B	C	D	E	F	
ZLG0.30x4.5	3000	300	1350	900	430	1650	1250
ZLG0.45x4.5	4500	300	1350	900	430	1650	1560
ZLG0.60x4.5	4500	450	1550	950	430	1700	1670
ZLG0.45x6	4500	600	1650	950	430	1700	1910
ZLG0.60x6	6000	450	1650	950	430	1700	200
ZLG0.75x6	6000	600	1700	1000	500	1700	2410
ZLG0.9x6	6000	750	1850	1000	600	1850	2340
ZLG0.6x7.5	6000	900	2000	1000	600	1850	3160
ZLG0.75x7.5	7500	600	1850	1000	600	1850	3200
ZLG0.9x7.5	7500	750	2000	1000	600	1850	3600
ZLG1.2x7.5	7500	900	2100	1000	600	1850	4140
	7500	1200	2500	1150	800	2050	5190