

LFG系列立式圆盘干燥机

LFG Series Vertical Disc Dryer

► 用途 (Application)

LFG盘式连续干燥机广泛应用于以下领域：

有机化工产品：如染料、颜料、中间体等的干燥。

无机化工产品：如盐类、矿物质等的干燥。

医药、食品：用于药品、保健品及各类食品原料的干燥处理。

饲料、肥料：适用于鱼粉、骨粉、饲料添加剂及各种肥料的干燥作业。

LFG Disc Continuous Dryer is widely used in the following areas:

Organic Chemical Products: Such as dyes, pigments, intermediates, etc.

Inorganic Chemical Products: Including salts, minerals, etc.

Pharmaceuticals and Food: Suitable for drying pharmaceuticals, health supplements, and various food ingredients.

Feed and Fertilizers: Applicable for fishmeal, bone meal, feed additives, and various fertilizers.



► 特点 (Features)

高效节能：独特的结构设计使得热效率高、能耗低，料层很薄且主轴转速低，电耗少。

灵活调控：通过调整料层厚度、主轴转速、耙臂数量和尺寸等参数，可以精确控制物料的停留时间和温度，确保干燥均匀，质量稳定。

操作简便：设备的启动和停止操作非常简单，停止进料后，耙叶能迅速排空干燥器内的物料。同时，特殊的大规格检视门便于对设备进行详细清洗和观察。

环保与溶剂回收：常压型设备内气流速度低，粉尘不易浮到顶部，尾气几乎不含粉尘。密闭型配备溶剂回收装置，特别适合处理易燃、易爆、有毒物料。真空型特别适用于热敏性物料的干燥。

安装方便：干燥机整体出厂，只需吊装就位，安装定位非常容易。立式安装使得占地面积小，即使干燥面积很大。

High Efficiency and Energy Saving: Unique structural design ensures high thermal efficiency and low energy consumption, with thin material layers and low spindle speeds leading to minimal power usage.

Flexible Control: By adjusting parameters such as layer thickness, spindle speed, number of rakes, and dimensions, precise control over material residence time and temperature can be achieved, ensuring uniform drying and stable quality.

Ease of Operation: Simple start-up and shutdown procedures; after stopping feed, the rake arms quickly empty the dryer of materials. Special large inspection doors facilitate detailed cleaning and observation of the equipment.

Environmental Friendliness and Solvent Recovery: In atmospheric models, low airspeeds within the unit minimize dust rising to the top, resulting in nearly dust-free exhaust gases. Sealed models include solvent recovery systems, ideal for handling flammable, explosive, and toxic materials. Vacuum models are particularly suited for drying heat-sensitive materials.

Easy Installation: The dryer is delivered as a whole unit, requiring only hoisting into place, making installation straightforward. Vertical installation minimizes the footprint, even with large drying areas.



► 技术参数 (Technical Parameters)

型号TYPE	外径 Outer Diameter (mm)	高度 Height (mm)	干燥面积 Drying Area (m ²)	功率 Power (kw)	型号TYPE	外径 Outer Diameter (mm)	高度 Height (mm)	干燥面积 Drying Area (m ²)	功率 Power (kw)
1200/4	1850	2608	3.3	1.1	2200/18	2900	5782	55.4	5.5
1200/6		3028	4.9		2200/20		6202	61.6	
1200/8		3448	6.6	1.5	2200/22		6622	67.7	7.5
1200/10		3868	8.2		2200/24		7042	73.9	
1200/12		4288	9.9		2200/26		7462	80	
1500/6	2100	3022	8.0	2.2	3000/8	2900	4050	48	11
1500/8		3442	10.7		3000/10		4650	60	
1500/10		3862	13.4	3.0	3000/12		5250	72	
1500/12		4282	16.1		3000/14		5850	84	
1500/14		4702	18.8		3000/16		6450	96	13
1500/16		5122	21.5	4.0	3000/18		7050	108	
2200/6	2900	3262	18.5		3000/20		7650	120	
2200/8		3682	24.6		3000/22		8250	132	15
2200/10		4102	30.8		3000/24		8850	144	
2200/12		4522	36.9		3000/26		9450	156	
2200/14		4942	43.1		3000/28		10050	168	15
2200/16		5362	49.3	5.5	3000/30		10650	180	