

HG Series Cylinder And Scratch Board

HG 系列滚筒刮板干燥机

概述 Description

HG系列滚筒干燥机的的工作原理是让液体或泥浆状物料在水蒸汽或其它热载体加热的滚筒表面形成薄膜，并在滚筒转一圈的过程中便被干燥完毕，利用刮刀把产品刮下来，露出滚筒表面再次与原料接触形成薄膜进行干燥。

HG series cylinder operation principle of desiccator to let liquid or mud form supplies form the membrane in steam or other hot cylinder surface that carrier heated, and dry to finish while the cylinder turns around, is it blow handle of a knife product is it get off to blow to utilize, the cylinder surface emerges to contact and form the membrane to carry on with raw materials drily again.

特点 Features

- 以蒸汽或导热油为热源,受热面积大,热效率高,加热均匀。
- 干燥速率大,筒壁上湿料膜的传热与传质过程由里向外方向一致,温度梯度大,使料膜表现保持较高的蒸发强度。
- 干燥时间短,一般为7-30秒左右,适合热敏性物料。
- 操作方便,维修便利。
- As heat source, heat area to be heavy with steam or heat conduction, high thermal efficiency have, it is even to heat.
- It is dry speed the heavy, tube there is with spreading quality course material heat transfer of membrane not wet at wall from on direction not outside the unanimous, the temperature gradient is large, make the material membrane display and keep the intensity of higher evaporation.
- Dry time is short, it is generally about 7-30 seconds, suitable for the temperature sensing supplies.
- Easy to operate, it is convenient to maintain.

应用 Application

HG系列滚筒干燥机广泛用于食品、化工、医药等行业粘性、膏糊状物料制片、干燥等工序。

Such processes as the HG series cylinder desiccator is used in such trades as the food, chemical industry, medicine, etc. viscosity, lotion pastel supplies film-making, dry extensively.

技术参数 Technical parameters

规格 Model size	滚筒尺寸 Sizes of Cylinder Diameter x Length (mm)	有效加热面积 Effective Heating Area(m ²)	干燥能力 Drying capacity (Kg/h)	蒸汽耗量 Steam Consumption(kg/h)	电机功率 Power of Motor (kw)	外形尺寸 Sizes L x W x H (mm)	重量 Weight (kg)
HG-600	Φ600 × 800	1.12	40-70	100-175	2.2	1700 × 800 × 1500	850
HG-700	Φ700 × 1000	1.65	60-90	150-225	3	2100 × 1000 × 1800	1210
HG-800	Φ800 × 1200	2.26	90-130	225-325	4	2500 × 1100 × 1980	1700
HG-1000	Φ1000 × 1400	3.30	130-190	325-475	5.5	2700 × 1300 × 2250	2100
HG-1200	Φ1200 × 1500	4.24	160-250	400-625	7.5	2800 × 1500 × 2450	2650
HG-1400	Φ1400 × 1600	5.28	210-310	525-775	11	3150 × 1700 × 2800	3220
HG-1600	Φ1600 × 1800	6.79	270-400	675-1000	11	3350 × 1900 × 3150	4350
HG-1800	Φ1800 × 2000	8.48	330-500	825-1250	15	3600 × 2050 × 3500	5100
HG-1800A	Φ1800 × 2000	10.60	420-630	1050-1575	18.5	4100 × 2050 × 3500	6150

注：部分参数设计时视不同物料有所调整，以设计为准。

