

HG系列滚筒刮片干燥机 热效率高 操作弹性大,适用性广 干燥时间短

产品名称	HG系列滚筒刮片干燥机 热效率高 操作弹性大,适用性广 干燥时间短
公司名称	江阴市名正机械有限公司
价格	面议
规格参数	品牌:名正 型号:HG系列
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产品详情

hg系列滚筒刮板干燥机

概述 descriptions 滚筒干燥机是一种内加热传导型转动连续干燥设备。旋转的滚筒通过其下部料槽,粘附着一定厚度的料膜,热量通过管道输送至滚筒内壁,传导到滚筒外壁,再传导给料膜,使料膜中的水份得到蒸发、脱湿、使含湿分的物料得到干燥。干燥好的物料被装置在滚筒表面的刮刀铲离滚筒,到置于刮刀下方的螺旋输送机,通过螺旋输送机再将干物料集中、包装。 the drier is a kind of rotating continuous drying equipment with internal heating conducting-style. certain thickness of material film attach to the roller from material liquid vessel under the roller.heat is transferred to the internal wall of the cylinder through pipes and then to the external wall and to materials film,to evaporate the moisture in materials film so as to dry materials. dried products are then scraped off by the blade fixed on the surface of the roller, fall down to the spiral conveyor under the blade, and are conveyed, collected and packed.

结构形式structure

可分为二种形式;单筒、双筒干燥机,另外也可按操作压力分常压和减压两种形式。 from its feature.it can be divided into single and double cylinder.otherwise, from its operate press, it can be divided into ordinary press and minus press drier.

特点 features

热效率高。因滚筒干燥机传热机理属热传导,传热方向在整个操作周期中保持一致,除盖散热和热辐射损失外,其余热量全都用于筒壁湿料膜的蒸发上,热效率可达70%-80%.

操作弹性大,适用性广。可调整滚筒干燥机的诸多干燥因素。如进料的浓度、涂料料膜的厚度、加热介质的温度、滚筒的转动速度等,都可以改变滚筒干燥机的干燥效率,且诸多因素互无牵连。这给滚筒干燥操作带来很大方便,使之能适应多种物料的干燥和不同产量的要求。

干燥时间短。物料的干燥周期一般只有10-300秒,适合于热敏性物

料。若将滚筒干燥机设置在真空器中,则可在减压条件下运行。 干燥速率大。由于涂抹于筒壁的料膜很薄,一般在0.3-1.5mm,且传热、传质方向一致,料膜表面可保持20-70kg

.h² o/m² · h的蒸发强度。 high heat efficiency. the principle of heat transfer of the roller drier is heat

conduction and the conducting direction keeps uniform in the whole operation circle. except heat loss of end cover and radiation loss, all heat can be used for evaporating the damp materials on the wall of the roller . the efficiency can reach 70-80%. large operation elasticity and wide application. various drying factors of the drier can be adjusted, such as concentration of feeding liquid,thickness of material film, temperature of heating medium,rotating speed of the roller etc.which can change drying speed of the drier.as these factors have no interrelations each other,it brings great convenience to drying operation.and makes it applicable to dry various materials and to meet different requirements of production. short drying period.the drying period of materials is normally 10 to 300 seconds,so it is suitable for heat-sensitive materials.it also can be reducing pressure operated if it is put in vacuum vessel. fast drying rate.as film of materials coated on the wall of the roller is very thin. normal,thickness is 0.3 to 1.5 mm,plus directions of heat and matter transmitting are 2 . identical, the vapore strength on the surface of the film can be 20-70 kg.h 2o/m h. 应用 application 适用于化工、染料、制药、食品、冶金等行业液体或较粘稠物料的干燥。 it is suitable for drying liquid raw materials or thick liquid in the field of chemical, dyestuff, pharmaceutical, foodstuff, metallurgy industry and so on. 技术参数 technical parameters

参数	∅ 800 × 1600	∅ 1000 × 2000	∅ 1200 × 1200	∅ 1400 × 2400	∅ 1600 × 2400
工作压力mpa	0.6	0.6	0.6	0.6	0.6
主电机功率kw	3	4	4	5.5	7.5
传热面积(平方米)	4	6.2	7.5	10.5	12
滚动转速r/min	0.5-5	0.5-5	0.5-5	0.5-5	0.5-5
加热介质	蒸汽、 导热油	蒸汽、 导热油	蒸汽、 导热油	蒸汽、 导热油	蒸汽、 导热油
加料方式	顶部或 底部	顶部或 底部	顶部或 底部	顶部或 底部	顶部或 底部

注：如客户需要，可为客户设计制造上部进料双滚筒干燥机。 note:we can design double-cylinder with upper feeding in according with the request of customers.

本产品的加工定制是是，品牌是名正，型号是HG系列，适用物料是多种可用，滚筒类型是单滚筒,双滚筒，应用领域是化工、染料、制药、食品、冶金等，重量是850-6150 (kg)