

## DW 系列带式干燥机

### DW Series Belt Dryer

#### 工作原理:

所要处理的物料通过适当的辅料机构，如星型布料器、摆动带、粉碎机或造粒机、分布在输送带上，输送带通过一个或几个加热单元组成的通道，每个加热单元均配有空气加热和循环系统，每一个通道有一个或几个排湿系统，在输送带通过时，热空气从上往下或从下往上通过输送带上的物料，从而使物料能均匀干燥。



#### Working Principle

The materials are uniformly distributed on the mesh-belt by the material feeder. The mesh-belt generally adopts 12-60 mesh stainless steel mesh and it is drawn by a transmission device and move inside the dryer. The dryer is composed of several sections. For each section, the hot air is circulated separately. Part of exhausted gas is exhausted by a special moisture exhaust blower. The waste gas is controlled by an adjustment valve. The hot air passes through the mesh-belt covered with bring water material away. The mesh-belt moves slowly, running speed can be freely adjusted according to the material property. The final products after the drying process will fall into the material collector continuously. The top and low circulation units can be freely equipped according to the user's requirements. The number of section might be selected according to the production demands.

#### 典型产品:

脱水蔬菜、颗粒饲料、味精、鸡精、椰蓉、有机颜料、合成橡胶、丙烯纤维、药品、小木制品、塑料制品、电子元器件老化、固化、碳酸钙、白炭黑染料等。

#### Typical products:

De-watering vegetable, particle feed, gourmet powder, shredded coconut stuffing, organic color, compound rubber, acral fibre, medicine product, medicine material, small wooden product, plastic product, aging and solidification for the electronic component and device.

### 技术参数 Technical Parameters:

型号 item	规格 specification						
	DW-1.2-8	DW-1.2-10	DW-1.6-8	DW-1.6-10	DW-2-8	DW-2-10	DW-2-20
单元数 Unit No.	4	5	4	5	4	5	10
带宽 Belt Width (m)	1.2		1.6		2		
干燥段长 Drying Section Length (m)	8	10	8	10	8	10	20
铺料厚 Thickness of Material (mm)	≤ 60						
使用温度 Temperature (°C)	50-140						
蒸汽压力 Steam Pressure (MPa)	0.2-0.8						
蒸汽耗量 Steam Consumption (kg/h)	120-300	150-375	150-375	170-470	180-500	225-600	450-1200
干燥时间 Drying time(h)	0.2-1.2	0.25-1.5	0.2-1.2	0.25-1.5	0.2-1.2	0.25-1.5	0.5-3
干燥强度 Drying strength(kg Water /h)	60-160	80-220	75-220	95-250	100-260	120-300	240-600
设备总功率 Total Power (kw)	11.4	13.6	11.4	13.6	14.7	15.8	36.8
外形尺寸 Overall size	长 L(m)	9.56	11.56	9.56	11.56	9.56	21.56
	宽 W(m)	1.49	1.49	1.9	1.9	2.32	2.32
	高 H(m)	2.3	2.3	2.4	2.4	2.5	2.5
重量 Weight(kg)	4500	5600	5300	6400	6200	7500	14000