RENTAI · INDUSTRIAL EQUIPMENT
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Mesh Belt Dryer

Grain Drying & Storage · Model: WD-1-8–WD-3-50

Continuous mesh belt dryer for fruit, vegetables, herbs, flowers and leaves. Available in eight WD models with 1–3 m belt width and 8–50 m drying length.

Technical parameters

Model	WD-1-8	WD-1-10	WD-1.5-10	WD-1.5-14	WD-2-16	WD-2-20	WD-3-30	WD-3-50
Layer	4	5	4	5	4	5	4	5
Mesh Belt Width (m)	1	1	1.5	1.5	2	2	3	3
Drying Length (m)	8	10	10	14	16	20	30	50
Feeding Thickness (mm)	10-80	10-80	10-80	10-80	10-80	10-80	10-80	10-80
Use Temperature (℃)	40-160	40-160	40-160	40-160	40-160	40-160	40-160	40-160
Mesh Belt Area (m²)	32	50	60	105	128	200	360	750
Fan Total Power (kw)	15	15	22	22	30	30	60	60
Machine Total Power (kw)	17.95	17.95	26.75	26.75	36.25	36.25	66.75	66.75
Overall Size - Length (m)	9	11	11	15	17	21	31	51
Overall Size - Width (m)	1.3	1.3	1.8	1.8	2.3	2.3	3.3	3.3
Overall Size - Height (m)	2.2	2.6	2.2	2.6	2.2	2.6	2.2	2.6

Applicable materials

Paddy / Rice

Applications

Continuous drying of agricultural and food materials.

Working principle

Material travels on a stainless-steel mesh belt through hot-air zones; belt speed, layer thickness and temperature are adjustable.

Wear parts & materials

Not stated in source catalogue

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