

## **FANWAY MACHINERY MANUFACTURING CO.,LTD**

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### **Biomass Material Drying Machine**

FANWAY Machinery can offer you two types of biomass material drying machine: Airflow Pipeline Dryer and Rotary Drum Drying Machine. Pipeline dryer is also referred as airflow sawdust dryer or hot flue impulse dryer which characterized by high drying efficiency. Pipeline dryer adopts impulse airflow drying principle to get fast and efficient drying effect. It is suitable for raw materials of moisture content less than 40%. After drying, moisture content can be reduced to 8-12% one time. Pipe dryer is ideal for powdery material and small particle materials that less than 3mm diameter. Rotary drum drying machine is widely applicable for large capacity materials drying. Capacity for rotary drum dryer varies from 2.5 tons to 36 tons. It is made up of hot air stove and main rotary drum.

### **Airflow Pipeline Sawdust Dryer Technical Data**

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Model	Power	Capacity	Diameter	Weight
Small size	4kw	180-300kg/h	≤5mm	1.5T
Medium size	4-5.5kw	300-600kg/h	≤5mm	2T
Large size	7.5kw	700-900kg/h	≤5mm	3.5T

### Rotary Drum Drying Machine Technical Data

Model	Main motor		Main reducer		Velocity ratio	Weight
	Capacity	Power	Type	Type		
Φ1.2×10m	2.5T/H	7.5KW	Y160M-R3	ZL50-16-I	---	13.5T
Φ1.5×12m	3.3-4.9T/H	10KW	Y160L-6-B3	JZQ500-Ⅲ-2F	---	18.9T
Φ1.5×15m	4-6T/H	18.5KW	Y200L1-6	JZQ500-Ⅲ-2F	---	21T
Φ1.8×12m	4-6T/H	18.5KW	Y160L-6	ZQ50-16 Ⅱ -2	16.46	23T
Φ2.2×12m	7-12T/H	18.5KW	Y200L7-6	JZQ650-Ⅲ	31.5	38T
Φ2.2×14m	7-12T/H	22KW	Y200L7-6	JZQ650-Ⅲ	31.5	40T
Φ2.2×16m	12T/H	30KW	Y225M-6	JZQ750-Ⅲ	31.5	45T
Φ2.4×14m	12T/H	30KW	Y250M-6	JZQ750-Ⅲ	31.5	51T
Φ2.4×18m	10-13T/H	37KW	Y250M-6	ZL85-13-I	27.16	54T
Φ2.4×20m	10-14T/H	37KW	Y250N-6	ZL85-13-I	27.16	55T
Φ3×20m	25T/H	55KW	Y250M-4	ZL100-16-I	41.52	78T
Φ3×25m	32-36T/H	75KW	YR280M-4	ZL100-16-I	41.52	105T



**Airflow Pipeline Sawdust Drying Machine**



**Rotary Drum Drying Machine**