

Dryer

Our dryers are designed for drying materials in Mineral Separation Line. It is the key equipment for material drying operation after wet process. With the advantages of high production, low power consumption, easy operation and simple maintenance, Xuanshi rotating dryers are widely used in many industries, such as mineral processing, building materials, metallurgy, chemical, and so on.



Dryer Performance and Features

1. High production
2. Low power consumption
3. Easy operation
4. Simple maintenance

Specifications of Dryer

Specifications(m)	Capacity(T/H)	Main Motor		Main gear box		Weight(T)
		Power(Kw)	Model	Model	Speed reduction ratio	
Φ1.2×10m	2.5	7.5	Y160M-R ₃	ZL50-16-I		13.5
Φ1.5×12m	3.3-4.9	10	Y160L-6-B ₃	JZQ500-III-2F		18.9
Φ1.5×15m	4-6	18.5	Y200L ₁ -6	JZQ500-III-2F		21
Φ1.8×12m	4-6	11	Y160L-6	ZQ50-16 II -2	16.46	22.83
Φ2.2×12m	7-12	18.5	Y200L ₇ -6	JZQ650-III	31.5	37.6
Φ2.2×14m	7-12	18.5	Y200L ₇ -6	JZQ650-III	31.5	40
Φ2.2×16m	12	30	Y225M-6	JZQ750-III	31.5	45
Φ2.4×14m	12	30	Y250M-6	JZQ750-III	31.5	51
Φ2.4×18m	10-13	37	Y250M-6	ZL85-13-I	27.16	54
Φ2.4×20m	10-14	37	Y250N-6	ZL85-13-I	27.16	54.14
Φ3×20m	25	55	Y250M-4	ZL100-16-I	41.52	78
Φ3×25m	32-36	75	YR280M-4	ZL100-16-I	41.52	104.9

Specifications of indirect heat Transfer Dryer

Shell	Inside	Outside	Shell	Shell	Shell	Lifting	Max inlet air	Outline
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diameter*Shell length	diameter of outer shell mm	diameter of inner shell mm	length m	volume m ³	obliquity	blade form	temperture °C	dimension
Φ1.5×15m Φ1.5×17m Φ1.5×19m	1500	500	15 17 19	20.27 22.97 25.68	3-5%	Lifting form	850	16.2×2.7×2.7 18.2×2.7×2.7 20.0×2.9×2.9
Φ1.8×21m Φ1.8×23m Φ1.8×25m	1800	650	21 23 25	35.91 39.33 42.75	3-5%	Lifting form	850	22.5×2.7×2.7 24.5×2.9×2.9 26.5×2.9×2.9
Φ2.2×21m Φ2.2×23m Φ2.2×25m	2200	800	21 23 25	58.10 63.61 69.15	3-5%	Lifting form	850	