RENTAI · INDUSTRIAL EQUIPMENT
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Rotary Dryer

Industrial Dryers · Model: RD Φ600–Φ3000

Rotary dryer for coal, coal slime, mineral powder, gypsum, sludge, lignite, sand, grain, sawdust and other bulk materials.

Technical parameters

型 号 Model (mm)	倾斜度 Gradient (°)	转速 Speed (r/min)	功率 Power (kw)	生产能力 Capacity (t/h)	重量 Weight (t)
型 号 Model (mm)	倾斜度 Gradient (°)	转速 Speed (r/min)	功率 Power (kw)	生产能力 Capacity (t/h)	重量 Weight (t)
RD Φ 600 × 6000	3-5	3-8	3	0.5-1.5	2.9
RD Φ 800 × 8000	3-5	3-8	4	0.8-2.0	3.5
RD Φ 800 × 10000	3-5	3-8	4	0.8-2.5	5.6
RD Φ 1000 × 10000	3-5	3-8	5.5	1.0-3.5	6.7
RD Φ 1700 × 10000	3-5	3-8	7.5	1.8-5	14.5
RD Φ 1200 × 12000	3-5	3-8	11	2-6	14.8
RD Φ 1500 × 12000	3-5	2-6	15	3.5-9	17.8
RD Φ 1800 × 12000	3-5	2-6	18.5	5-12	25
RD Φ 1800 × 14000	3-5	2-6	18.5	5-15	27
RD Φ 1800 × 20000	3-5	2-6	22	8-20	30
RD Φ 2000 × 18000	3-5	2-6	30	8-23	45
RD Φ 2200 × 18000	3-5	1.5-6	37	10-25	48
RD Φ 2200 × 20000	3-5	1.5-6	37	12-28	56
RD Φ 2400 × 20000	3-5	1.5-5	45	18-30	60

型 号 Model (mm)	倾斜度 Gradient (°)	转速 Speed (r/min)	功率 Power (kw)	生产能力 Capacity (t/h)	重量 Weight (t)
RD Φ 2800 × 2000	3-5	1.5-5	55	20-35	68
RD Φ 3000 × 20000	3-5	1.5-5	55	25-40	78
RD Φ 3000 × 25000	3-5	1.5-5	75	30-45	104.9

Applicable materials

Coal

Applications

Building materials, metallurgy, cement and mineral processing.

Working principle

Wet material enters a rotating drum and is lifted by flights through a hot-air stream; dried material discharges at the opposite end.

Wear parts & materials

Not stated in source catalogue

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