



Application:

It is used for drying materials with humidity or granularity in the industries of mineral dressing, building material, metallurgy and chemical.

Rotating dryer can be used for drying many kinds of materials and with convenient and reliable operation; therefore, it has been widely used.



Technical parameters of H series rotary dryer

| Model(m) | Capacity(t/h) | Main motor | | Main gear box | Weight(t) | |
|----------|---------------|------------|------------|---------------|-----------------------|------|
| | | Power(kw) | Model | Model | Speed reduction ratio | |
| Ø1.2*10m | 2.5 | 7.5 | Y160M-R3 | ZL50-16-I | --- | 13.5 |
| Ø1.5*12m | 3.3-4.9 | 10 | Y160L-6-B3 | JZQ500-III-2F | --- | 18.9 |
| Ø1.5*15m | 4-6 | 18.5 | Y200L1-6 | JZQ500-III-2F | --- | 21 |
| Ø1.8*12m | 4-6 | 18.5 | Y160L-6 | ZQ50-16 II-2 | 16.46 | 23 |
| Ø2.2*12m | 7-12 | 18.5 | Y200L7-6 | JZQ650-III | 31.5 | 38 |
| Ø2.2*14m | 7-12 | 22 | Y200L7-6 | JZQ650-III | 31.5 | 40 |
| Ø2.2*16m | 12 | 30 | Y225M-6 | JZQ750-III | 31.5 | 45 |
| Ø2.4*14m | 12 | 30 | Y250M-6 | JZQ750-III | 31.5 | 51 |
| Ø2.4*18m | 10-13 | 37 | Y250M-6 | ZL85-13-I | 27.16 | 54 |
| Ø2.4*20m | 10-14 | 37 | Y250N-6 | ZL85-13-I | 27.16 | 55 |
| Ø3*20m | 25 | 55 | Y250M-4 | ZL100-16-I | 41.52 | 78 |
| Ø3*25m | 32-36 | 75 | YR280M-4 | ZL100-16-I | 41.52 | 105 |

Performance characteristics of Indirect heat transfer dryer:

The indirect heat transfer dryer made by our company is mainly used in building materials, metallurgy, cement plant for drying of limestone slag, coal powder, slag, clay stone. This dryer is formed by rotary body, lifting blade, driving device, supporting device and sealing ring. The dryer has advantages of reasonable structure, high efficiency, low energy consumption and convenient for transportation.

Technical parameters of Indirect heat transfer dryer

| Items Shell diameter *shell length | Inside diameter of outer shell(mm) | Inside diameter of inner shell(mm) | Shell length m | Shell cubage m ³ | Shell Obli-quity | Lifting blade form | Highest inlet air Tem.oC | Dimensions |
|--|---------------------------------------|--|----------------------|-----------------------------------|---------------------|--------------------------|--------------------------------|--------------|
| Ø1.5*15m | 1500 | 500 | 15 | 20.27 | 3-5% | Lifting form | 850 | 16.2*2.7*2.7 |
| Ø1.5*17m | | | 17 | 22.97 | | | | 18.2*2.7*2.7 |
| Ø1.5*19m | | | 19 | 25.68 | | | | 20.0*2.9*2.9 |
| Ø1.8*21m | 1800 | 650 | 21 | 35.91 | 3-5% | Lifting form | 850 | 22.5*2.7*2.7 |
| Ø1.8*23m | | | 23 | 39.33 | | | | 24.5*2.9*2.9 |
| Ø1.8*25m | | | 25 | 42.75 | | | | 26.5*2.9*2.9 |
| Ø2.2*21m | 2200 | 800 | 21 | 58.10 | 3-5% | Lifting form | 850 | |
| Ø2.2*23m | | | 23 | 63.61 | | | | |
| Ø2.2*25m | | | 25 | 69.15 | | | | |