CONVEYOR & CONTINUOUS OVENS

Rotary Drum Oven

Rotating drum that tumbles loose material such as granules, chips or small parts while heating them evenly.



TEMPERATURE
Up to 600°C

HEATING
Electric or gas (LPG/PNG/CNG)

INDUSTRIES
Aluminium chips, granules, minerals, food

Specifications

Batch retort	4 mm SS-304, 100 to 150 kg per batch
Batch temperature	300°C to 500°C
Batch heating	18 kW electric
Batch control	PLC profile control
Continuous dryer drum	3 mm SS-304 or SS-310
Dryer heating	automatic LPG/PNG burner, e.g. 2,00,000 kcal/hr
Feeding	hopper and screw conveyor on VFD
Insulation	75 to 200 mm ceramic blanket and rock wool
Safety	overshoot safety controller

Features

- Tumbling exposes every surface to heat
- Batch retort or continuous drum designs
- PLC profile control
- Stainless steel drum or retort
- Variable rotation and feed speed
- Electric or gas fired

Applications

- Drying of aluminium chips and swarf
- Drying of sand and minerals
- Heating and drying of granules
- Removal of oil and moisture from scrap
- Drying of small tumbling parts