INDUSTRIAL DRYERS & HOT ROOMS

Gas Fired Rotary Dryer

Rotating drum dryer heated by LPG/PNG burners for powders, granules and chemicals.



TEMPERATURE
Ambient to 150°C typical; higher on request

HEATING
Gas (LPG/PNG/CNG); electric on request

INDUSTRIES
Chemicals, metal recycling, minerals

Specifications

Drum	3 mm SS-304 or SS-310 (to duty)
Heating	automatic LPG/PNG burner, e.g. 2,00,000 kcal/hr
Zones	1 to 3 burners and fans
Working temperature	ambient to 100°C typical; higher on request
Feeding	hopper with screw conveyor on VFD
Discharge	chute
Insulation	75 mm rock fibre to 150 mm ceramic fibre and rock wool
Drives	AC drives for drum and feeder
Safety	overshoot safety controller, flame safety

Features

- Continuous drying of powders and granules
- Variable feed rate and drum speed
- Automatic gas burner with flame safety
- Stainless steel drum for clean product
- Overshoot protection
- Single or multi-zone heating

Applications

- Zinc and metal compounds
- Chemical powders and salts
- Recycled materials
- Minerals and fillers
- Sand and granules
- Pre-drying before calcining