LEAD & BATTERY OXIDE FURNACES

Red Lead Furnace

Insulated furnace with hot air generator that heats a red lead oxidation pot to about 400°C.



TEMPERATURE
About 400°C operating

HEATING
Gas (LPG/PNG) through hot air generator; electric on request

INDUSTRIES
Lead oxide and battery materials, paints and pigments

Specifications

Example pot	2,450 mm diameter × 610 mm deep (customer scope)
Furnace body	3,120 mm diameter × 1,350 mm high
Plates	12 mm top, 5 mm bottom and sides
Operating temperature	400°C
Insulation	150 mm ceramic fibre (128 density) and mineral wool
Heating	hot air generator, 1,00,000 kcal/hr gas burner
Blower	2 HP SS-304, 1,500 CFM
Control	furnace temperature, firing chamber safety, stirrer motor starter

Features

- Even hot air heating across a large pot
- Gas fired hot air generator with gas train
- Safety control in firing chamber
- Heavy plate body with ribbed top
- Built to your pot and stirrer drawing
- Electric heating on request

Applications

- Red lead (Pb3O4) production from lead oxide
- Lead oxide plants for batteries
- Red lead for paints and primers
- Red lead for glass and ceramics
- Replacement furnace bodies for existing red lead pots