LEAD & BATTERY OXIDE FURNACES

Lead Melting Pot Furnace

Gas fired or electric furnace that heats a lead pot for melting, casting and Barton feed.



TEMPERATURE
About 400°C operating

HEATING
Gas (LPG/PNG) or electric

INDUSTRIES
Lead-acid batteries, lead oxide, lead products

Specifications

Example pot	550 mm diameter × 485 mm deep (customer scope)
Furnace body	1,100 mm diameter × 800 mm high
Plates	12 mm top, 5 mm bottom and sides
Operating temperature	400°C
Heating	1 gas burner (LPG/PNG); electric on request
Insulation	100 mm ceramic fibre and mineral wool; 50 mm sloped castable bottom
Leak drain	150 × 150 mm chute
Chimney	100 mm, insulated
Control	burner control and temperature controller

Features

- Steady heat around the pot
- Sloped bottom and drain chute for leak safety
- Gas or electric heating
- Compact furnace body
- Built to your pot size
- Spares and burner service available

Applications

- Melting lead for Barton oxide plants
- Lead for battery grid and part casting
- Lead alloying
- Lead for cable sheathing and sheet
- Small lead casting units