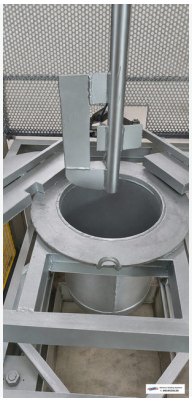
LEAD & BATTERY OXIDE FURNACES

Barton Pot Furnace

Gas fired furnace body that heats the Barton pot for making lead oxide for batteries.



TEMPERATURE
About 400°C operating

HEATING
Gas (LPG/PNG); electric on request

INDUSTRIES
Lead-acid batteries, lead oxide

Specifications

Example pot	1,550 mm diameter × 1,000 mm deep (customer scope)
Furnace body	2,122 mm diameter × 1,311 mm high
Top flange	2,310 mm diameter
Operating temperature	400°C
Heating	1 gas burner (LPG/PNG)
Insulation	100 mm ceramic fibre and mineral wool on sides; 50 mm castable bottom
Leak drain	150 × 150 mm chute
Chimney	100 mm, insulated
Control	burner control, temperature controller, stirrer motor starter

Features

- Even heating of the Barton pot
- Drain chute for safe handling of a pot leak
- Gas burner with chimney
- Panel includes stirrer motor starter
- Matching Barton melting furnace available
- Built to your pot drawing

Applications

- Leady oxide for lead-acid battery paste
- Battery oxide plants
- Lead oxide feed for red lead furnaces
- Replacement furnace bodies for existing Barton pots
- Oxide plants for inverter, UPS and e-rickshaw batteries