SPECIAL EQUIPMENT

Aluminium Dross Extraction System

Heated system that recovers free aluminium from hot dross skimmed off melting furnaces, 500 kg per charge.



TEMPERATURE
Molten aluminium temperature

HEATING
Gas (LPG/PNG/CNG) or electric

INDUSTRIES
Aluminium circles and sheet, utensils, foundries, recycling

Specifications

Capacity	500 kg dross per charge (standard)
Lining	115 mm high-alumina brick + 230 mm insulation brick
Heating	high-efficiency LPG/PNG/CNG burner; electric option
Combustion air	3 HP blower
Operation	hot dross charged straight from the melting furnace
Output	recovered liquid aluminium tapped off; residue removed
Controls	burner management with flame safety
Placement	next to the melting furnace

Features

- Recovers metal while dross is still hot
- High-alumina lining for molten aluminium
- Automatic gas burner with flame safety
- Electric heating option
- Compact unit beside the melting furnace
- Reduces aluminium lost with dross

Applications

- Recovering aluminium from melting furnace dross
- Treating skimmings at circle and sheet plants
- Recovering metal at utensil plants
- Reducing metal loss in casting units
- Preparing dross for further processing