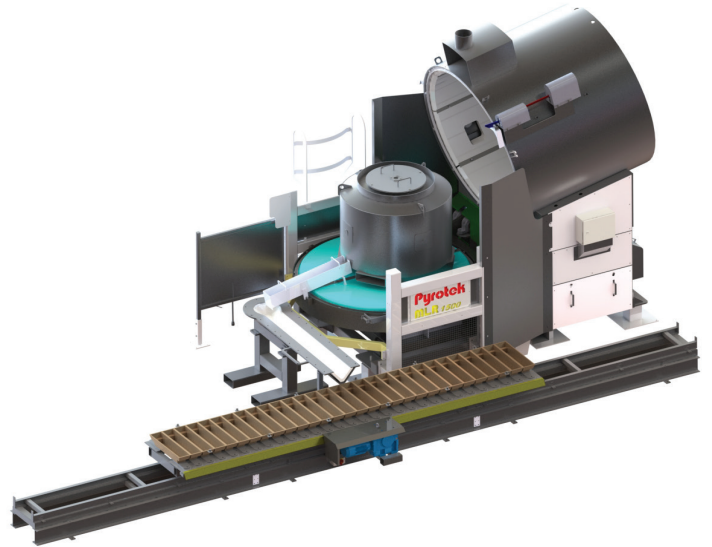




Recover Zinc and Value

Pyrotek Zinc-recovery System MZR-1500



Ever-increasing environmental regulations and fluctuating prices of virgin zinc around the world have created a need for new technologies to recover metal and manage process waste. To meet this challenge, Pyrotek offers a proprietary zinc-recovery system that is designed to process dross and recover viable metal that can be reused in a primary zinc, continuous galvanizing or hot-dip galvanizing operation. Also zinc-oxide residues can be sold on the open market.

Benefits:

- Reduction in the volume of virgin zinc bought at market rates
- Smaller environmental footprint
- Reduced volume of residual skimmings being disposed
- Increased value of zinc-oxide residual skimmings that can be sold
- Low operational cost
- Recognized technology by the European Commission's Integrated Pollution Prevention and Control Directive
- Easier to use than other systems on the market, with greater ease in loading the drum



Unit Drum Capacity:

- 1500 kg (1059 ft³) of zinc skimmings

Operational Costs

- Gas: 30 m³ per burn
- Optional light oil: approximately 30 dm³ (1 ft³) per burn

Labour:

- 30 minutes per burn
- Average cycle time for 1500 kg (3300 lb) charge is three hours

Drum Life:

- 200 cycles depending on wear

Why Pyrotek?

Our global network of application engineers works with zinc producers and galvanizers to determine the optimum in-house dross processing equipment and related products to suit their needs.

Founded in 1956, Pyrotek offers expertise in high-temperature applications with global resources and local support in more than 30 countries.

