

KTE Reclaimer King  
**Metal Reclaimer Furnace**



100% Australian  
design and  
manufacturing



Portable multi  
fuel furnace



Can hold up to  
450kg per load



Multi-stage  
pneumatic  
positioning system



Easy flow conveyor  
pouring system

**The Reclaimer King Furnace is designed to reclaim zinc metal from the residual ash that is created during the hot dip galvanizing process.**



Zinc metal is entrapped in the floating ash created by the galvanizing process. The ash is skimmed from the galvanizing bath and loaded directly into the specially fabricated barrels. The barrels are then transferred to the reclaimer for processing.

The furnace is fired by LPG, Natural Gas or Diesel fuel with two thermocouples to monitor and control the heating cycle.

When the melt has attained the desired temperature the drum rotation is stopped, the pour hole door is opened and the drum rotated to pour the molten zinc out at a controlled flow rate into the mould via the pouring spout located in the bottom section of the furnace. The zinc is then ready to be placed back into the galvanizing bath. The remaining ash can then be sold at a commercial percentage of the daily LME rate.

