



Part of a bigger picture

ALTEK Compact Dross Presses

ALTEK's press portfolio includes the small footprint Compact Dross Press, incorporating the latest technology. It is extremely cost effective and perfect for low-dross producing companies, using induction melting or die casters who manually skim dross for their furnaces.

The Compact Dross Press is primarily aimed at companies with limited dross production. These robust, yet very economical machines are the only kind available on the market to press small quantities of dross effectively. They increase metal recoveries from both primary and secondary dross processing, can be moved easily with a forklift, are safe and simple to operate and will save money year after year.

Benefits

- Compact and lightweight
- Low dross capacity pans
- Low capital investment
- Increased in-house and secondary recoveries
- Semi or fully automatic operation available
- Reduced waste generation
- Very small machine footprint
- Short ROI period

Cost Effective

For many years, companies with low dross production have been at a loss when it comes to dross management. With no cost-effective solution to deal with the problem, companies have lost valuable aluminium each year whilst also having to deal with, and pay for, the storage and transportation of the hazardous waste. ALTEK's solution is robust, effective and versatile.

Process

Dross is skimmed off into specially crafted cast steel pans with a sow mould below for metal drain. When a dross pan enters the machine, the press head and pan work in conjunction with one another to rapidly cool the dross and to prevent further oxidation of the dross. The pressing process takes between 3 and 5 minutes and the IPC can be configured to suit your dross type to both maximise your in-house and secondary metal recoveries.



Versatile

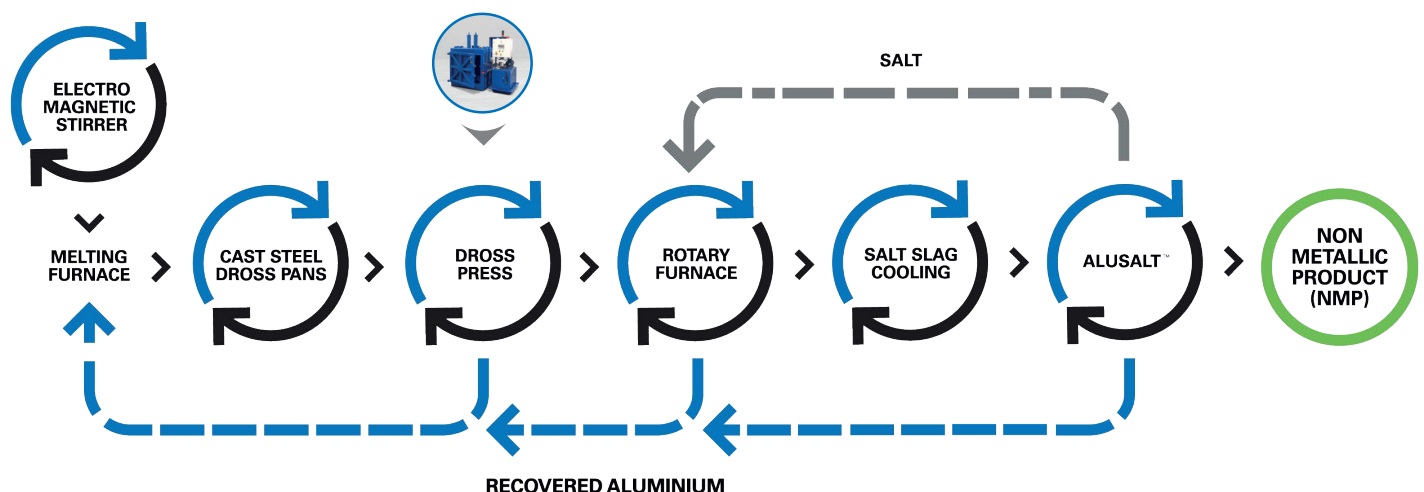
Being small and lightweight, incorporating their own Hydraulic Power Units (HPU) and with only one electrical connection required, these dross presses can be moved with ease using regular forklifts to locate the press in its most effective position.

Results

Installations have consistently shown the compact press significantly increases in-house drain, whilst maintaining or improving secondary recovery rates. These results combined with improved storage or dross skulls and reduced pan maintenance have created a more environmentally friendly and profitable operation for ALTEK's customers.

ALTEK's End-To-End Dross Management Solution

The Compact Dross Press plays a vital part of a larger cost effective sustainable End-To-End Dross Management Solution that can help give a faster return on investment over a much shorter period of time. Typically as little as two years.



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