ALTEK have increased their press portfolio with the addition of the new small footprint Compact Dross Press Range. Incorporating the latest technology and extremely cost effective, these presses are perfect for die casters and low-dross producing companies.

**The System..**

Showcased at Düsseldorf Aluminium 2012, the Compact Dross Range are primarily aimed at companies with limited dross production. These robust, yet very affordable machines are the only kind available in 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.

**The Benefits..**

- Compact and Lightweight
- Low Dross Capacity Pans
- Very Low Capital Cost
- Increased In-House and Secondary Recoveries
- Semi or Full Automatic Operation Available
- Reduced Waste Generation
- Very Small Machine Footprint
- Quick ROI
**Cost Effective...**

For many years, companies of 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 this hazardous waste. ALTEK’s solutions is a range of smaller dross presses that are robust, efficient and versatile.

**The Process...**

Dross is skimmed off into specially crafted cast steel pans with a sow mold 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 oxidisation of the dross. The pressing process takes between 3 and 5 minutes and the PLC can be configured to suit your dross type to both maximize 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 fork trucks to locate the press in its most effective position.

**Results...**

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