FACT-SHEET
TARDIS UPGRADE

Upgrade possibilities for existing TARDIS press users. Any existing user of any TARDIS dross press model can now consider upgrading their press with a number of the new advanced features that are available on the new GENERATION II dross press.

Many of these new features/modules are already installed, proven and working on some current press projects but this is the 1st time they are coming together as a totally new package. These include:

New head design (non rocking head, patented ribbed type)

Making use of the patented ALTEK ribbed head design with modifications to allow full use of the patented TARDIS head cooling system is a much simpler design removing all of the complexity on top of the press that was required with the old rocking head system. The Head can operate with the existing TARDIS pans or an ALTEK designed alternative.

With a correct pressure distribution across the whole surface area of the dross within its matching dross pan the maximum possible drain can be achieved while ensuring good plating action of the residual aluminium within the dross as shown in the picture above.
Upgrade to the fume filter system
The fume filtration system associated with the old TARDIS models had some reliability issues and by designing these out we are able to offer a much simpler, easier to maintain solution.

Upgraded head cooling system
By de-coupling the fume filtration system and the head cooling system and by introducing special baffle designs into the patented press heads, we have been able to ensure that the head cooling system works continuously and effectively, removing some of the old issues encountered by many existing TARDIS users with their head cooling system, due to binding of filters in the fume filtration system.

Upgrade to hydraulic system
The hydraulic system is a total re-design. Built to stringent European standards it has removed all of the old maintenance issues encountered by old TARDIS and ALTEK press users. Simple in its layout, providing easy access for maintenance of critical parts while having control complexity to ensure good quality and safe operation. The attached picture shows the latest hydraulic systems.

Fully automatic operation
One of the most important new features coming from the marriage of the two press technologies is the Fully Automatic operation of the press while having the option to also have a fully closed door.

What do you do if you own an existing TARDIS or ALTEK press and want to upgrade with some or all of these new features?
There are several options you can follow on this basis:

- Upgrade the head to a ribbed head and remove the tipped rocking head.
  *Note: Many customers have already done this.*
- Upgrade the head cooling and fume filtration system to improve reliability of both functions of the press.
- Upgrade the press to a fully automatic design.
- Trade in your old press for a totally new model of press - We have a variety of rates available for the trade in presses to offset the capital of the new press. It may be that your existing press is too small for your current operation.
- Simplification of all moving parts, door and head controls to new designs.

Contact ALTEK’s service desk through our web site [www.altek-al.com](http://www.altek-al.com) or your local representative or salesman, if you have any questions regarding your existing press.