

TRANSFER RETROFIT INSTALLED FOR TIER STAMPER

TRANSFER RETROFIT IMPROVES PRODUCTIVITY



Schuler transfer retrofit installed in a Verson press. Compact and flexible mounting design fits within existing system.

Schuler Incorporated recently retrofitted an AT tri-axis transfer series to a Verson transfer stamping press. Since its completion, the transfer retrofit project has resulted in 10- to 40-percent improvements in cycle times for production of various parts. In addition, the press increased productivity through reduced downtime related to fewer emergency repairs and part dislocation during the transfer process.

ADVANTAGES

- Easy to retrofit to existing presses
- Designed for future upgrades/ applications
- Higher output rate with direct drive
- Reduced changeover times
- More free space for feed/removal equipment

Easy integration with flexible, reliable performance

The Midwestern manufacturer sought to improve productivity on its nearly 10-year-old Verson transfer press by replacing the original ETF transfer, which had provided 28 million press hits. The Schuler AT3 transfer for medium-duty part production provided an attractive replacement solution able to improve performance and easily integrate into the existing press. The innovative, high performance direct-drive system, with robust steel transfer rails, offered a flexible high-speed solution with minimal deflection.

The entire retrofit was completed on time – thanks to Schuler’s modular design, fast delivery, ease of installation and integration into the customer’s existing press system.

High productivity gives short time to ROI

After operating full production for one month, the operations team projects a payback of the investment in less than two and a half years, which is significantly quicker than originally predicted. In fact, Schuler’s customer is so pleased with the results that a second AT3 transfer is on order for retrofit to another Verson transfer press later this year.

Automation Upgrade: Making the most of existing equipment

“In the face of tough economic conditions, we see many stampers evaluating ways to improve productivity with existing equipment, especially in the area of press system automation,” says Andy Osborn, director of product management for Schuler Incorporated. “A transfer retrofit is a good example of how to get the most out of what you have in-house. We are seeing more manufacturers interested in automation and modernization investments, such as transfer retrofits, as well as controls and hydraulic system upgrades to achieve better productivity.”



Designed with direct drives, reciprocating mass in the system is reduced.



A newly developed transfer rail guide improves the rigidity of the AT transfer, allowing high stroke rates while maintaining consistent quality.