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PRESS RELEASE

Technology Day focuses on part transport

Schuler Automation in Hessdorf shows transfer systems in operation

Hessdorf, May 16, 2013 – Some 50 visitors from Germany and abroad attended a Technology Day held by Schuler Automation in Hessdorf in mid April. As well as receiving information on the latest developments in part transport, they were able to observe eight different transfer systems in operation. The highlight was the presentation of the new Intra Trans, which offers new perspectives for manufacturing thanks to its efficiency and flexibility.

In contrast to conventional transfers, the Intra Trans does not work through the press window but within the press – thus saving space. Parts are transported by carriages mounted on the transfer rails. This means that the full width of the window is available for material feeding and is no longer restricted by the transfer rails. A major benefit of this compact design is that larger parts can be produced on the same press. The Intra Trans is thus also ideally suited for retrofits on existing presses.

As each carriage of the Intra Trans can be moved individually, this even allows varying distances between stations. The new transfer also means material can be fed from both sides, thus enabling for

example the central joining of parts. The Intra Trans is also a genuine alternative to progressive die manufacturing: it needs only the same space as the progressive die and also reduces material consumption as the parts are transported by the carriages and not the coil material itself, which must later be separated from the finished stamping as scrap.

The performance of the Intra Trans is at least as high as that of current modular transfer solutions, which were also on show at the Technology Day. With its three automation levels, “L” (Light), “M” (Medium), and “H” (Heavy), the product portfolio covers low, medium and high part weights and stroke rates. Its high-speed servo drives ensure significantly improved transfer rates. In the “S” (Strong) version, extremely rigid and low-vibration carbon-fiber rails help raise productivity by up to 30%.

A further highlight was the live presentation of the active vibration dampening (AVD) system. This guarantees exact and controlled part transportation, even with variable loads and at peak transfer speeds. The demonstration of a transfer with a support width of ten meters and a profile of just 200 mm impressed many visitors with its absolutely precise and vibration-free movements.

Captions

Bild1.jpg: Highlight of the Technology Day was the Intra Trans.

Bild2.jpg: The new transfer enables the production of larger parts.

Bild3.jpg: There were also lectures on the topic of part transport.

Bild4.jpg: Some 50 visitors came to Schuler Automation in Hessdorf.

Please name Schuler as the photo source.

About the Schuler Group – www.schulergroup.com

As the technological and global market leader in metalforming, Schuler supplies machines, production lines, dies, process know-how and services for the entire metal-working industry. Its clients include car manufacturers and their suppliers, as well as companies in the forging, household equipment, packaging, energy and electrical industries. Schuler is also the market leader in coin minting technology and supplies systems solutions for the aerospace and railway industries. The company employs around 5,500 people and is represented by its own facilities and sales offices in 40 nations around the world. In fiscal year 2011/12 (ending Sep. 30), Schuler posted sales of € 1,226.1 million with an Ebitda margin of 9.6 percent. The Schuler Group can trace its roots back to a locksmith shop founded in Göppingen, Germany, by Louis Schuler in 1839. The company has produced metal-working machines since 1852. The Austrian Andritz Group today holds a majority share in Schuler.

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