# PRESS RELEASE

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# World’s fastest press line

## Schuler’s Servoline L reaches speeds of up to 23 strokes per minute / New Crossbar Feeder transports two-out and four-out parts

*Göppingen, July 17, 2014* – A German premium car manufacturer recently launched production on the world’s fastest press line: Schuler’s Servoline L. Equipped with blankloader, Crossbar Feeder and an end-of-line system, the compact line can reach speeds of up to 23 strokes per minute. The line’s ServoDirect Technology not only ensures high output, but also flexibility, energy efficiency and low part costs.

“Schuler’s Servoline L makes a decisive contribution toward raising the economic efficiency of modern press shops,” says Klaus Linnig, Managing Director of Schuler’s Automotive division. “We could only achieve such high speeds by completely redesigning the Crossbar Feeder to enable the fast and reliable transportation of two-out and four-out parts.”

In the first stage, two Crossbar Robots supplied by Schuler alternately remove the tailored blanks and place them on a conveyor belt. If required, the blanks are then washed, lubricated and fed into the optical centering station. A camera records their position and conveys the data to two robots which then exactly position the blanks so that the Crossbar Feeder can feed them precisely into the first press. In order to guarantee maximum part quality, the drawing press is equipped with a servo-hydraulic bed cushion.

The Crossbar Feeder then transports the parts from press to press. Compared to its predecessor, the latest generation features two additional servo axes which enable it to also reorientate two-out parts. They can be independently swiveled, turned or moved at right angles to the transport direction. This flexible change of position opens up completely new design possibilities for the dies.

## Die and tooling change in just three minutes

After the last forming stage, the Crossbar Feeder hands over the parts to a shuttle. Two robots alternately take the finished car body parts and lay them on conveyor belts. The fully automatic die and tooling change can be completed in just three minutes and thus enables short changeovers – highly important for the flexibility and efficiency of press shops.

The new Schuler Servoline L is designed for the production of steel and aluminum parts. It can also quickly and reliably process high-strength steels. “The Servoline L breaks new ground in the mass manufacturing of car body parts,” concludes Managing Director Klaus Linnig. “Equipped with Schuler’s automation systems and ServoDirect Technology, it guarantees high levels of productivity and efficiency.”

### Captions

Bild1.jpg: A German premium car manufacturer has launched production on the world’s fastest press line: Schuler’s Servoline L.

Bild2.jpg: Schuler completely redesigned the Crossbar Feeder to enable fast and reliable transportation of two-out and four-out parts.

Bild3.jpg: Highly dynamic servo motors raise output, flexibility and energy efficiency while at the same time reducing part costs.

*Please name Schuler as the photo source.*

***About the Schuler Group – www.schulergroup.com***

*As the technological and global market leader in metal and plastic forming equipment, Schuler offers cutting edge presses, automation, dies, process know-how and services for the entire metal forming industry and lightweight vehicle construction. Its clients include car manufacturers and their suppliers, as well as companies in the forging, household equipment, packaging, energy and electrical industries. Schuler is the market leader in coin minting technology and supplies systems solutions for the aerospace, railway and large pipes industries. The company can trace its roots back to a locksmith shop founded by Louis Schuler in 1839 and celebrates its 175th anniversary in 2014. In fiscal year 2012/13 (ending Sep. 30), Schuler posted sales of € 1,185.9 million. With 5,500 employees, Schuler is represented in 40 nations around the world. The Austrian ANDRITZ Group holds a majority share in Schuler.*