# PRESS RELEASE

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# Press and die perfectly tailored to one another

## Aweba and Schuler are offering system solutions for producing electric motor laminations / Joint attendance at the Coil Winding Expo in Berlin

*Göppingen, 19.04.2017* – When the press, automation and die all originate from a single source, the advantages are endless: It is no longer the customer's concern to ensure that all components perfectly interact, it is now the manufacturer's. Schuler has incorporated system solutions of this kind for lines for producing laminations for electric motors and generators in its range.

"Indeed, we are the only manufacturer in the industry, who not only produces the presses and automation, but the dies as well," says Johannes Linden, Division Manager of "Systems" at Schuler. Aweba CEO, Udo Binder, adds: "As such, the lines are optimally tailored, service lives are increased and the costs for our customers are reduced." Furthermore, with more than 900 service employees worldwide, Schuler provides expert support 24/7.

The system solutions for the manufacture of electric motors became possible following the acquisition of Aweba in 2016. The Saxony-based die manufacturer is a specialist for electric motor laminations and constructs cutting dies in all conceivable versions and sizes. The portfolio ranges from small precision progressive dies for small transformer blanks, to interlocking dies with hard metal active parts for maximum production rate and maximum precision, through to the overall cutting of meter long segment blanks for large-scale generators with pneumatic or servo-regulated ejector systems.

With the PerFormer S, Schuler presented a new notching machine in 2016, which is able to produce electric motor laminations with a diameter of 80 to 1,800 millimeters. Indeed, there are no other machines on the market that are able to offer such flexibility. With a notching precision of hundredths of a millimeter, the machine ensures the precision required for thin blanks with a low cutting clearance.

For the interlocking of electric motor laminations, Schuler has developed the "Smartline" press, which has been on the market since 2011. The line machines a blank thickness from 0,2 to 1mm and thus enables the production of electric motors with lower eddy current losses and a higher degree of efficiency with decreasing current consumption. The Smartline also operates to a hundredths millimeter precision, despite its 3.30 meter long press bed.

*Schuler and Aweba will be at the CWIEME Berlin (booth 3.2/B29) from 20 to 22 June.*

### Image captions

Bild1.jpg: The Saxony-based die engineer is a specialist for electric motor laminations and constructs cutting dies in all conceivable versions.

Bild2.jpg: The "Smartline" from Schuler for the interlocking of electric motor laminations machines a blank thickness of 0.2 millimeters.

*Please credit Schuler as the image source.*

***About the Schuler Group –*** [***www.schulergroup.com***](http://www.schulergroup.com)

*Schuler is the world market leader in metal forming technology. The company supplies presses, automation solutions, dies, process know-how, and services for the entire metalworking industry and lightweight automotive design. Customers include automobile manufacturers and suppliers as well as companies from the forging, household appliances, packaging, energy, and electronics industries. Schuler is the market leader in minting presses and supplies systems solutions for the aerospace, railway and large pipe industries. In 2016, Schuler achieved a turnover of 1,174.2 million euros. Following the acquisition of die manufacturing company AWEBA and with a majority holding in Chinese press manufacturing company Yadon, Schuler employs around 6,600 members of staff in 40 countries. The Austrian ANDRITZ Group holds a majority share in Schuler.*