

PRESS RELEASE

Perfect Match – BRUDERER at Blechexpo 2021

*Frasnacht, 14. September 2021. **Blechexpo, here we come! After an enforced break due to the pandemic, visitors and exhibitors alike are looking forward to Blechexpo 2021, with this year's focus being "Sheet metalworking on a global scale". Manufacturing specialists from around the world will be showcasing new trends and technologies on the subject of metalworking and joining at the Landesmesse in Stuttgart, with BRUDERER on board to demonstrate its own high-performance stamping technology.***

Joining forces

A real highlight of the trade fair will be on display at Hall 6 Stand 6309, courtesy of high-performance precision stamping press specialists BRUDERER. In what the company is describing as a "Perfect Match", BRUDERER will be running a complete stamping line that will be firing out 500 round socket contacts per minute in production conditions capable of meeting the high standards of the automotive industry. The most impressive aspect of the stamping line will be the fact that various disciplines featuring highly complex manufacturing methods will be working together and carried out in perfect harmony in one single process. The core element is a BRUDERER BSTA 510-150 high-performance stamping press with a press force of 510 kN, adjustable stroke and a patented ram adjustment. Using LEICHT Stanzautomation's double de-coiler with loop control, two different strips will be fed into the press in parallel using a BRUDERER double servo feed. At the heart of the machinery is a precision KRAMSKI tool that is also fitted with a laser application and three integrated AUXXOS lenses.

Stamping, laser-welding and linking in one stroke

The stamping system will demonstrate an application that is unique in this particular form. The two-part contacts are stamped and linked together at the same time and in the same process by means of laser-welding, at a rate of up to 500 strokes per minute and at a stroke length of



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44 mm. The laser process adds a ring welding with eight welding spots and two 5mm-long weld beads totally synchronously with every stroke. All of this is carried out at never-before-seen levels of speed and precision and with just a single laser pulse.

Once again, BRUDERER is demonstrating in impressive fashion how specialists can come together and add to one another's capabilities to provide optimum technical performance. Come and see this perfect match for yourselves.

BRUDERER AG

Hall 6, Stand 6309

www.bruderer.com

For further information and high-resolution images, please contact:

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BRUDERER provides high-precision high-performance stamping presses with press forces from 180 to 2500 kN for stamping and forming both simple and complex parts. The company supplies businesses around the world from the automotive, electrical and electronics industries, watch manufacture, medical supplies and food packaging sectors. Their product range includes servo, roll and gripper feeds as well as peripheral devices from reputed suppliers, and their comprehensive offer is rounded out with services covering control technology, revisions and training.

The company, which was founded in 1943, has its main production site in Frasnacht (Switzerland) and also has centres of competence and subsidiaries in Dortmund (Germany), Ridgefield (USA), Singapore, Suzhou and Dongguan (China), Chiba-Ken (Japan), Luton (UK), Barcelona (Spain), Bangalore (India) and Ecquevilly (France). Via its many affiliates and a total of 500 employees, BRUDERER can provide truly global servicing and shipping of replacement parts. www.bruderer.com

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Caption:
BRUDERER high-performance BSTA 510-150 B2 stamping press with BRUDERER BSV 75D tandem servo feed