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PRESS RELEASE

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SMS group to supply 5,000-ton MT 5000 eccentric press to Musashi Europe

Musashi Europe has placed an order with SMS group (www.sms-group.com) for the delivery of a 5,000-ton eccentric forging press, type MT 5000, for its plant in Bockenau, Germany. Commissioning of the new MT 5000 closed-die forging press is scheduled for Q4 2019. The new forging press will enable Musashi Europe to produce large rotationally-symmetric forgings for passenger cars and truck applications in a highly efficient production process. With the new eccentric forging press, which features a MEERtorque[®] servo drive, forging is precise, reliable and fully automatic.

The MT 5000 is one of the latest generation of eccentric presses from SMS group. The eccentric shaft and the flywheel are directly driven by dynamic torque motors. This type of drive separates the pure ram motion from the forging energy supply, and combines the advantages of servo presses with those of presses featuring a flywheel and conventional clutch-brake combination. This means the forging process is both highly energy-efficient and resource-friendly. The energy generated during the deceleration phase can be used for the re-acceleration of the flywheel.

Thanks to the reduced number of mechanical components, Musashi Europe benefits from considerably lower maintenance and inspection costs. What's more, sections of the MT press casing can be easily opened to offer the best possible access. Furthermore, the utilities are supplied via a central energy column, which also provides particularly maintenance-friendly access.

The construction of the robust, FEM-optimized press housing is based on the proven split tie-rod design. Extremely large press windows offer perfect automation capability and allow for easier changes of the die and holder. To enable individual dies to be replaced, the MT 5000 is equipped with a die change arm, which is fitted to the press housing. The integrated die spraying system cleans, cools and dries the dies in precise doses, to achieve maximum forging quality and increase the service life of the dies.

(35 Zeilen à max. 65 Zeichen)



SMS group's MT 5000 eccentric forging press with MEERtorque[®] servo drive for Musashi Europe.

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SMS group is a group of companies internationally active in plant construction and mechanical engineering for the steel and nonferrous metals industry. It has some 13,500 employees who generate worldwide sales of more than EUR 3 billion. The sole owner of the holding company SMS GmbH is the Familie Weiss Foundation.