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PRESS RELEASE

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Sichuan Liuhe Forging orders high-speed open-die forging press with innovative X-Forging Box radial forging tool from SMS group

Sichuan Liuhe Forging Co., Ltd., based in Jiangyou in the province of Sichuan, China, has placed an order with SMS group (www.sms-group.com) to supply a high-speed, 50/55 MN open-die forging press. The press is of the two-column, push-down design and features a table shifter and die shifting unit. The open-die forging press operates with a press force of up to 50 MN and a maximum upsetting force of 55 MN. The press is suited for forging high-quality products with finished dimensions within the close tolerance range of ± 1 millimeters.

Sichuan Liuhe Forging is a specialist manufacturer of forged semi-finished products, reinforcing rings, shafts, parts for turbine blades, and supercritical components for gas turbines made of high-temperature, corrosion-resistant special steel and superalloys. The new press allows Sichuan Liuhe Forging to continue to offer a consistently high level of product quality to its customers in the aerospace industry and to operators of large-scale steam turbines.

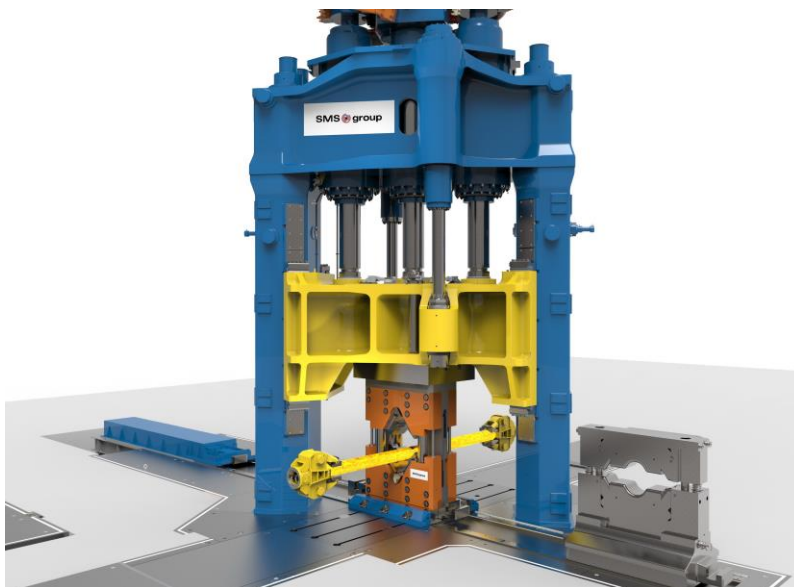
“With this investment in the open-die forging press, developed and built by SMS group in Germany, we are raising our quality standards to an even higher level,” says Hong Yuchun, Vice-General Manager

of Sichuan Liuhe Forging. “We are also pleased that the enhanced press control system will mean lower production costs for us.”

The order also includes an XFB (X-Forging Box) 650/50 MN, which is a newly developed radial forging tool for open-die forging presses. The XFB transforms the movement of the top tool in the open-die forging press into a radial movement of the four tools in the X-Forging Box. At the same time, the maximum permissible force of 50 MN is evenly distributed among the four tools. The maximum initial pass section is 650 millimeters. The X-Forging Box is capable of forging a wide range of high-quality round products with variable cross-sections. The use of the XFB enables Liuhe Forging to expand its product mix and quickly change between different types of products; no modifications to the tool chamber or to the hydraulic-electrical connections are required to install an XFB.

Commissioning of the 50/55 MN open-die forging press and 650/50 MN X-Forging Box is scheduled for Q4 2019.

(25 Zeilen à max. 65 Zeichen)



50/55 MN open-die forging press of two-column, push-down design with fitted X-Forging Box.

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.