PRESS RELEASE

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Plant for research and development

ATILIM University orders extrusion press from SMS Meer

The ATILIM University from Ankara, Turkey, has ordered a direct-indirect extrusion press with 10-MN press force from SMS Meer, Germany. The modern press will be installed in university’s Metal Forming Center of Excellence, ATILIM University.
Center of Excellence” and is to be used for fundamental research and test series by industrial companies.

“We decided in favor of a press from SMS Meer because it offers us the latest technology from the market leader. Furthermore, SMS Meer will establish a cooperation with us and support us with process know-how and with lectures in the field of research and development,” says A. Erman Tekkaya, Founding Director of the Center of Excellence at the ATILIM University.

SMS Meer cooperates with several universities and research institutes worldwide, and supports these institutions through a practice-oriented know-how transfer.

The extrusion press at the ATILIM University will provided with a piercing device able to integrate a mandrel at a later time and thus serving to produce seamless tubes.

The energy-efficient direct-indirect extrusion press has a billet loader and a cassette heater characterized by its uniform temperature. The billet lengths for direct extrusion are 250 to 300 mm, and for indirect extrusion 220 to 260 mm. The ram speed ranges from 0.2 to 30 mm/s.

Tekkaya: "We will use the broad spectrum of the press, for example to verify simulations or to develop industrial application for the Turkish extrusion press operators."

Commissioning is scheduled for October 2013.

*SMS Siemag AG and SMS Meer GmbH are both companies of SMS group which, under the roof of SMS Holding GmbH, consists of a group of companies internationally active in plant construction and mechanical engineering for the steel and nonferrous metals industry.*