

## STEEL DYNAMICS, INC. (SDI), ORDERS SEVERAL CSP® UPGRADES FROM SMS GROUP

### Increased flexibility and productivity through modernization

The Columbus Division of SDI's Flat Roll Group, which is located in the southern United States of America in Columbus, Mississippi, has awarded SMS group an order for several CSP® upgrades. The modernizations will upgrade both thin slab caster strands and the hot strip mill of the CSP® facility, originally supplied by SMS group in 2007.

The scope of the modernizations at the casters include the addition of Liquid Core Reduction (LCR®), X-Pact Solid Control thermal model, and HD moldTC mold monitoring system. The mold width adjustment program will be upgraded to SMS's latest Delta Speed system. The mold level control program will also be upgraded as part of this project. The LCR® system will add the flexibility to cast 80 to 55 mm thick product. This thickness range allows for more efficient and improved production capability for advanced high-strength steels and line pipe steel grades.

In the hot strip mill, new HAGC cylinders will be upgraded on stands F1 and F2. The Level 2 system and pass schedule tuning at the hot strip mill will be upgraded to seamlessly integrate the new changes at the caster and the mill.

Commissioning is scheduled to occur for all upgrades over a period of time, starting in July 2019. Impact on existing production of the 3.4 million short ton / year facility will be designed to be kept at a minimum throughout all commissioning activities.

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 14,000 employees who generate worldwide sales of about EUR 3 billion. The sole owner of the holding company SMS GmbH is the Familie Weiss Foundation.