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PRESS RELEASE

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Operational reliability in the areas of transport and storage
guarantees smooth production process

For the third time running, Nanshan Aluminium counts on high-bay stores from SMS Logistiksysteme

SMS Logistiksysteme is to supply to Nanshan Aluminium Co., Ltd. a turnkey high-bay store and coil transport systems for 32-t aluminum coils. Commissioning of the facilities is scheduled for the end of 2014.

With this order which is the third one after 2004 and 2010, Nanshan Aluminium relies again on the competence of SMS Logistiksysteme as suppliers of high-bay stores. Just as they had done three years ago, Nanshan Aluminium ordered a turnkey solution which not only includes supply and installation of the transport systems, but also the complete engineering and construction of the high-bay store with the two driverless A.C.T.[®] (Automatic Coil Transporters).

The centrally located high-bay store serves for interim storage of the aluminum coils leaving the hot and cold rolling mills. Three stacker cranes take care of fast storage and retrieval. Hot-rolled coils are subjected to controlled cooling in the store for the purpose of minimizing their length of stay. Having a length of 294 m and a height of 31.4 m, the high-bay store can accommodate about 1,382 aluminum coils. All storage locations will be designed for 32-t coils with an outer diameter of 2,800 mm.

After intermediate storage, the coils are carried to the downstream annealing furnace and further transfer stations outside the store by means of three coil lifting cars with turntable. Coil transport to the finishing lines is accomplished by two driverless A.C.T.[®].

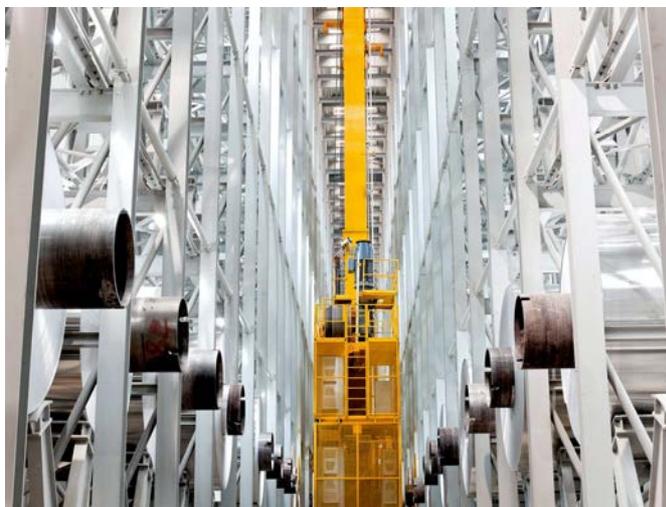
SMS Logistiksysteme will supply the complete automation for all facilities including logistics software and the warehouse management system.

www.sms-logistiksysteme.com

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A.C.T.[®] (Automatic Coil Transporter).



High-bay store for aluminum coils.

SMS Logistiksysteme GmbH is a company of the SMS group which, under the roof of the SMS Holding GmbH, consists of a group of companies internationally active in plant construction and mechanical engineering for the steel and nonferrous metals industry. With more than 13,000 employees, the group generates sales of about EUR 3.5 billion.