

15 March 2013

STAHL CraneSystems GmbH
Daimlerstraße 6
74653 Künzelsau

Your contact for questions on the content:

Heike Metzger
Tel. +49 7940 128-2388
Fax +49 7940 128-2300
heike.metzger@stahlcranes.com
www.stahlcranes.com

Author:

Dipl.-Ing. Jan Petersen
VISUELL Studio für Kommunikation
Tel. +49 711 64868-0
jan.petersen@visuell.de

The world's largest steel company buys products from Künzelsau STAHL CraneSystems' crane technology in ArcelorMittal mine in Canada

With 260,000 employees in 60 countries, ArcelorMittal is the largest steel manufacturer in the world and a leading multinational corporate group. In Canada, ArcelorMittal runs two large open-cast mining operations which extract 40 percent of Canada's iron ore output. One of the two mines is in Mont Wright near the city of Fermont in Quebec province – 1,200 km north of Montreal. ArcelorMittal plans to increase the yield from 16 to 24 million tonnes of iron ore by 2014 by means of a 2.1 billion US\$ upgrading of Mont Wright Mine, the transport fleet and the production facilities. The company required a total of five indoor cranes and ten slewing cranes for constructing new buildings, a new concentrator for processing and concentrating the iron ore and a workshop for the maintenance of the 400 tonne off-standard trucks. The order was placed with Groupe Industriel Premium, a subsidiary of Canadian crane builder CanStahl. Premium is market leader in Quebec, selling over 100 crane systems a year, and also the primary distributor of STAHL CraneSystems products in this region.

This was Premium's and CanStahl's first order from ArcelorMittal, however it will surely not be the last. STAHL CraneSystems' Canadian partners were involved thanks to Canadian systems builder SNC Lavalin, which was responsible for engineering and contract awards for upgrading the mine. SNC Lavalin had already collaborated successfully with Premium on other projects and appreciated the crane builder's experience with complex construction projects in industrial and plant construction.

Already at work on the building site

Some of the cranes were already put to use in building the plant. They helped install the huge processing machines and had to be erected on site right in the middle of the turbulent construction stage. Perfect timing and efficient organization were essential for the cranes to be erected in the planned time slot without hindering the hundreds of workmen involved in the construction work. All the cranes were thus delivered some weeks before the planned erection date – commissioning was completed without any incidents and to the customer's full satisfaction. These cranes will be used for maintenance work on the machines in the coming years. The other cranes – a 120 t crane, a 60 t crane, a free-standing 10 t slewing crane with an SH 60 wire rope hoist as lifting equipment, and nine 2 t slewing cranes – assist in the maintenance and repair of the dumpers – huge trucks for transporting the excavated rock masses.

South German crane technology leads to success

The deciding factors for Premium's success over the other competitors were the price, high availability and versatility of STAHL CraneSystems' crane technology. In addition to crane end carriages and controls, numerous hoists supplied by the South German crane technology manufacturer came into use, including the AS 7 ZW twin hoist with 32 m lifting height and a lifting capacity of 70 tonnes. With its design ensuring true vertical lift and equipped with frequency inverters, this hoist was the perfect choice for positioning the heavy machinery components in the processing plant.

Crane builder on the road to success

Groupe Industriel Premium was founded in September 2009. The company, together with CanStahl, has developed into Canada's leading crane builder in the last three years. In 2012 alone Premium sold over 100 cranes. Many customers and current projects are to be found in the mining industry, which plays a significant economic role in Canada due to the abundance of raw materials.

STAHL CraneSystems offers the most comprehensive range of hoisting technology and crane components – and supplies them to crane and systems builders all over the world. The company, founded in 1876, employs around 700 staff, 500 of these in Germany. The experience from over 100 years of crane building and the knowledge gained in decades of fundamental research coalesce at company headquarters in Künzelsau. The high degree of vertical penetration in the plant in Germany stands for the outstanding quality of the products – one of the reasons for the company's excellent position on the market. STAHL CraneSystems occupies an exceptional position as regards off-standard hoists: on the basis of modular hoist series and a highly performing engineering department, the company develops technically mature solutions far beyond the standard market. STAHL CraneSystems has been the unchallenged world market leader in the field of explosion-protected crane technology for many years.

Keystrokes: 4683

Pressemitteilung | Press Release**Photo material:**

ArcelorMittal runs two large open-cast mines in Canada. One of these is Mont Wright near the city of Fermont in Quebec province – 1,200 km north of Montreal.



ArcelorMittal ordered slewing and bridge cranes from Premium for the maintenance of the 400 t off-standard trucks.



Powerhouse times two: the twin design AS 7 ZW stands for great height of lift, high lifting speed and a lifting capacity of up to 120 t while requiring little space. This twin hoist can lift up to 70 tonnes.



The SH wire rope hoist with a lifting capacity of 15 t mounted at the side comes into use for lifting lighter loads.

Pressemitteilung | Press Release



One of the advantages of this design: the ropes of the coupled AS 7 hoists run over a return sheave so that true vertical lift is possible.



A slewing crane for changing tyres: the SH wire rope hoist can lift up to 10 t.