

## Gerdau Invests \$10 Mn in Non-ferrous Scrap Separation System



Steelmaker Gerdau, one of the largest recyclers in North America, and Danieli Centro Recycling, one of the largest suppliers of equipment to the metal industry, are partnering on a \$10 million project to upgrade the non-ferrous scrap separation system at Gerdau's steel mill in Whitby, Ontario. Planning for the project is currently underway with construction slated to begin in the first half of 2016.

"We are excited about the capabilities of the separation system and the advantages that it will bring, including reducing our overall environmental footprint," said Alan Lamb, vice president and general manager of Gerdau's Whitby mill. "This investment will significantly increase the amount of ferrous

and non-ferrous materials we're able to recover and ultimately recycle, and we feel it provides an opportunity for growth that will allow Gerdau to remain globally competitive."

The technology for the new system allows Gerdau to sort and extract non-ferrous scrap metal that is not used in the steelmaking process. The non-ferrous metals, such as aluminum, copper and stainless steel, can be separated from the scrap steel mix and recycled or sold to be used in other manufacturing processes. When the system is fully operational, Gerdau will be able to process more than 40 million pounds of non-ferrous scrap material annually.

"Our skills in systems integration and

proprietary automation along with a well-equipped global supply chain will help our client to meet their requirements for output, quality and schedule," said Jake Allen, technical director of Danieli Centro Recycling. "Moving forward, we expect that the project will realize a step change in plant performance for Gerdau's Whitby mill."

For Danieli Centro Recycling, the project represents an important and valuable reference point in North America. It demonstrates the company's focus and commitment to grow in this market and become one of the leading players in the recycling business.

The Whitby mill uses ferrous scrap steel from end-of-life vehicles and other sources to be melted and produced into merchant bar quality products and reinforcing steel used in a variety of applications, including major commercial buildings, freeways, bridges, parking garages and other concrete structures throughout North America.

Gerdau employs approximately 385 people at the Whitby mill and has a strong presence in Canada, including additional steel mills in Cambridge, Ontario, and Selkirk, Manitoba. The company has seven additional recycling facilities in Ontario.

Gerdau has supplied steel to many major projects, including the World Trade Center Vehicle Security Center in New York, the Wilshire Grand Center in Los Angeles, the Panorama Tower in Miami and the Panama Canal expansion.

## Metro Mining Inks Deal with BTS

Metro Mining has further de-risked its developing export business profile by entering into a deal for the provision of transshipment services relating to the Bauxite Hills project in Queensland.

The agreement with Bauxite Transshipment Services (BTS) will allow Metro to minimize capital expenditure as BTS will provide all tugs and barges required for the operation. This move is expected to deliver a low-cost and low-risk transshipment solution that does not require any dredging or bed levelling of the Skardon River.

As a joint venture between Transshipment Services Australia and indigenous ship loading company Dadaru, BTS will represent an opportunity for Metro to maximize the



employment of local people.

The terms of the agreement provide the flexibility to expand the transshipping operation as production increases. Although details of the contract are commercial in confidence, the rates are believed to be

extremely competitive. Bauxite Hills is located about 95 kilometres north of Weipa on Queensland's Cape York, where Metro controls about 1,300 square kilometres of exploration tenements.