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Tenova TAKRAF completed the Lake Vermont Radial Stacker's deliveries (Australia).

September 12, 2008. Tenova TAKRAF, through Tenova-Semf (Australia), has just completed the final deliveries of the Structural, Mechanical and Electrical components for the Lake Vermont Coal Stacker respecting the tight delivery time of 24 weeks from Award of Contract.

The Scope of the Contract included the Design, Supply, Delivery and Provision of Erection and Commissioning Supervision for the Radial Stacker. The Client was Lake Vermont Coal Resources and the Consulting Engineers and Mine Developers were Thiess Sedgman Joint Venture.

The machine located in the Bowen Basin coal fields of far North Queensland was designed to receive and stockpile raw coal at the rate of 700tph to form a radial stockpile through 120 degrees for consolidating the coal prior to outloading by rail. The Annual Throughput is 5.3 million tonnes.

The Stacker has a boom length of 75 metres and is inclined from the fixed pivot at ground level at an angle of 15 degrees. It is supported on the bogies and running rail at 40 metres radius and can form a stockpile of nominally 20 metres overall height. The machine operates fully automatically without the need of any on-board operator interface.

Due to the boom's length reduction of this machine compared with the earlier models supplied, Tenova Semf carried out a complete re-design of the structure so as to reduce the cross section of the machine to better suit the smaller 700tph conveyor dimensions. This very positive result provided also Tenova Semf with a dedicated smaller model in the range of machines manufactured at a very cost competitive price.

This achievement represented another successful step in positioning Tenova stronger in the Australian Coal Handling Market.

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