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Tenova TAKRAF surface miners TSM 300 commissioned and released for production in Australian iron ore mine.

December 15, 2009 -Two Tenova TAKRAF surface miners TSM 300 supplied to HWE Mining Pty Limited, Australia have been recently released for production at the Yandi Iron Ore Mine in Western Australia.

During the initial start up and training period the cutting capacity averaged from 480 t/h to 1110 t/h depending on the material's compressive strength. The TSM 300 is the latest development of Tenova TAKRAF surface miner. The machine features the well proven front cutting drum with its direct twin drive. That allows for a cutting depth of 800 mm, unmatched in its class. Due to its specific cutting drum design with top down cutting, the TSM 300 produces consistently a small product size, without additional crushing, thus efficiently eliminating a number of processing steps. Its standard features include a spacious operator cabin with two full size access ways and a trainer seat. Its advanced on-board machine monitoring and diagnostic system with full size screen and clear text messaging allows for easy control and adjustment of machine parameters for best performance under changing ground conditions. The machine is driven by a CAT C32 ACERT engine. The engine combines state of the art technology with proven design and is EPA TIER II Non Road certified.

For the application in Australia the TSM 300's service and safety features have been further refined. An integrated falling objects protection structure (FOPS) and roll over protection structure (ROPS) acc. to ISO standards are installed above the operator cabin. The operator cabin is equipped with a powerful dual air conditioning. Service centres at ground level allow for fast and save refuelling, water tank filling and oil change.

Tenova TAKRAF offers the surface miner as part of its comprehensive product range for high efficiency continuous mining - as a leading supplier of open cast mining equipment world wide.

Tenova designs and supplies advanced technologies, products and services for the metal and mining industries. Tenova operates close to its customers through a network of 30 companies based in 16 different countries. For more information visit our website at www.tenovagroup.com.