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MR MÖSSNER,
EGON EVERTZ

Super Gloria makes reachstacker history

A feat of engineering, the world's biggest reachstacker was custom-built to meet Egon Evertz KG's critical steel slab handling specifications in Germany.

Name Egon Evertz KG
Location Salzgitter Flachstahl, Germany
Employees 600 (Evertz Group)

Kalmar fleet DRG650-92A5XS reachstacker
DCF450-12LB with magnet system





The challenge

The Evertz Group has specialised in serving steel mills throughout Germany for over 50 years. Through the constant improvement of techniques, procedures and parts for steel production it has become the leading name in the industry.

Egon Evertz KG helps steel factories with innovative ideas to improve quality and cut costs. Kalmar's solution was devised to meet its increasing requirement to handle heavier loads, effectively becoming the world's biggest tool handler. The machine will be put to work handling the new 50-tonne 'Mega' steel slabs, measuring 2.7m wide, 12m long and 350mm thick.

The solution

The DRG650-92A5XS reachstacker, so called 'Super Gloria' because it is now the largest reachstacker in Kalmar's hugely successful Gloria branded range, features a completely new design, developed to meet the customer's critical steel slab handling specifications. This has resulted in an impressive lift capacity of 65 tonnes at 4.0m load centre in dynamic mode (drive) or 65 tonnes at 5.0m load centre in static mode (non driving).

The truck is equipped with both an electric lift magnet for handling slabs in cold conditions and a hydraulic slab grab for hot conditions (up to 800°C).

The high lifting capacity has been augmented with a specially raised cab to enhance visibility and a wheel distance of 9.25m to provide maximum stability. An onboard generator, providing emergency power for the magnet, AdBlue® fuel efficient technology and a fire extinguishing system also featured in the specification.

The results

The design and build project was completed by Kalmar within a 12-month time frame.

"Kalmar was the only company that could design and build to our specification and meet the time frame required. We have been experiencing consistent growth throughout our business and as steel slabs increase in size we needed an innovative solution to handle these huge loads reliably and safely. We are certainly impressed with how Kalmar responded to our brief and also proud to have the world's biggest reachstacker as part of our fleet," says **Mr Möbner**, representative of Egon Evertz.

Contact

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Kalmar is the industry forerunner in terminal automation and in energy efficient container handling, with one in four container movements around the globe being handled by a Kalmar solution. Kalmar is part of Cargotec.

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