

## Liebherr extends rough-terrain crane range

Liebherr has extended its mobile crane product range with an additional series of rough-terrain cranes in the 90-t and 100-t classes. The Liebherr Rough-Terrain cranes LRT 1090-2.1 and LRT 1100-2.1 will be officially unveiled at the Conexpo construction machinery trade show in Las Vegas in March 2017. The design focus is on high performance, safety and comfort.

High safety levels in every respect were the main priorities for the design of the new Liebherr LRT cranes. Both new crane models feature an outrigger monitoring system as standard. The support status, on tyres or outriggers, is detected automatically and saved to the crane controller. The attachment of the ballast to the turntable and the installation of the optional double folding jib including its angle adjustment are also recorded and monitored.

The VarioBase variable support base developed by Liebherr as standard also makes an important contribution to enhancing safety. VarioBase allows each individual outrigger beam to be extended to arbitrary lengths. The crane work is controlled by the load moment limiter within the LICCON controller which calculates the maximum load capacities precisely for the current situation. This prevents accidents by human error during the assembly process and when hoisting loads. VarioBase also provides greater flexibility on site. As a result of the increased lifting capacities



The LRT cranes measure 3,87 m in height and 3,3 m wide and are transported on public roads with a low loader.

when hoisting over the supports, the crane can hoist loads normally reserved for the next higher crane class.

Safety is also enhanced by providing greater comfort for the crane operator. For example, the crane cabin is 220 mm wider than other standard cabins on the market. It can be tilted backwards to provide greater comfort when hoisting loads to great heights. Clear, self-explanatory controls make the crane easy to handle. They allow the crane operator to concentrate on the main focus of his job, working with the crane and the load. A cooler and USB charging socket are standard features

in the cabin. The new LRT cranes are also said to be powerful and robust, have good off-road capability and are also highly manoeuvrable. Both crane models are powered by a Cummins diesel engine which meets all current emissions regulations.

The engine develops 194 kW and supplies a maximum torque of 990 Nm. A 6-speed powershift transmission from DANA and large 29.5 R25 tyres guarantee the required off-road capability for the cranes. Their maximum speed is 25 km/h. All-wheel and crab steering ensure easy handling and high manoeuvrability in restricted conditions. ☺

## Goscor's Crown forklifts win the day for Dairy Day

Leading KwaZulu-Natal, South Africa dairy producer Dairy Day has acquired a range of Crown electric forklifts from local dealer Goscor Lift Truck Company (GLTC).

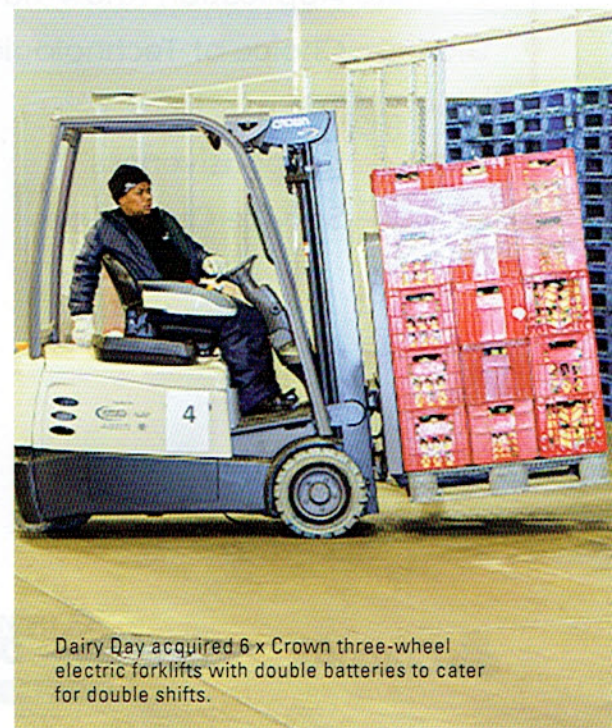
"We think very carefully about every capital investment, and after looking at a few options we had no hesitation in choosing Crown equipment from GLTC. The machines are of the highest quality, they are efficient, easy to operate and most importantly, service and the backup support from the Goscor team is excellent," says Stuart Dickson, Dairy Day warehousing general manager.

Created in August 2014 Dairy Day came into being after it acquired and merged Stonelees Dairies and Honeydew Dairies. The subsequent economies of scale have ensured a secure volume of quality milk and related products to meet the future needs of Dairy Day's customers.

Its new 15 000m<sup>2</sup> processing facility in Howick, KZN, where the Crown equipment is being used, can process up to 600 000 l of fresh milk per day. Dairy Day acquired 6 x Crown three-wheel electric forklifts with double batteries to cater for double shifts and 2 x Crown powered pallet trucks also with double batteries.

Part of the deal was a Goscor-supplied battery bay, which was successfully installed based on Goscor's vast experience of such facilities across a wide range of different warehouse conditions throughout the country.

Dairy Day's ownership structure is a model of progress and transformation in the dairy industry. It is owned by 31 dairy farmers in Kwazulu-Natal. Each farmer has a shareholding in direct relation to the number of litres he supplies. Dairy Day farmers hold 85% of the shares of the operating entity with the remaining 15% being held by the Dairy Day Farmers Workers Trust, which represents the supplier shareholders' farm workers. ☺



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