

Evolution. Revolution. LRS 645.

Liebherr-Werk Nenzing GmbH, Nenzing, Austria

2006 has been an exceptionally positive year for Liebherr-Werk Nenzing with regards to the American market as numerous orders have been placed for its comprehensive variety of port equipment products. The laying of the cornerstone to open up the market in Latin America was the signing of a contract for a Liebherr reachstacker, type LRS 645 with the Colombian banana producer 'Banacol' in 2005. The LRS 645 is mainly used for the loading and unloading of river barges as well as for yard operations in Banacol's facility in the Colombian Port of Turbo.

Characterised by its curve-shaped telescopic boom, the LRS 645 offers unique stacking opportunities, barge loading/unloading from/to below ground level without a special boom extension as well as container stacking up to six high in the first row. Further novelties comprise a fully hydrostatic transmission, a highly efficient suspension system and an extraordinary accessibility to service points and to the spreader.

Having turned away from the straight boom concept, direct access to second and third row containers is easily manageable without the necessity of removing any boxes in the front row. Obviously such innovative container movements will have a major positive impact on the efficiency of container stacking yards in terminals around the globe.

Productivity, efficiency and reliability let the LRS 645 be part and parcel of every effective, logistic solution expected from a flexible and service orientated container terminal. On this account, an extraordinary order could be celebrated in April as the New York Container Terminal, which has one of the highest volume cargo capacities of any facility in the New York harbour, signed the contract for the delivery of the first reachstacker equipped with an individual wheel drive.

The implementation of the individual wheel drive, Liebherr's revolutionary innovation on the reachstacker market, allows each driven wheel to be controlled independently, with different amounts of power directed to each wheel. Due to this solution it is possible to improve the reachstacker's manoeuvrability and stability.



LRS 645 Banacol, Columbia.



LRS 645 NYCT, USA.

The lateral forces at the steering wheels can hereby be reduced almost completely, providing a substantial improvement of tyre life.

So far the biggest order was realised in September as the Colombian company Sociedad Portuaria de Buenaventura signed the contract for the delivery of seven LRS 645 type units. Obviously, such an order is being regarded as a decisive breakthrough for the company on the South American Pacific Coast.

Two years after the successful market launch, the LRS 645 has come into operation worldwide and with more than 35 machines sold, Liebherr's latest addition to its comprehensive port equipment range is established very well throughout the market.

Due to running on full capacity at its headquarters for port equipment products in Nenzing, Austria, Liebherr has established a brand-new factory in the Port of Rostock on the German Baltic Coast in order to strengthen the market position of the company in the maritime field. The new factory contains workshops and administration buildings and provides ideal logistic preconditions for the distribution of harbour mobile cranes and reachstackers. In the year 2007 the present capacity of 25 LRS 645 will be increased to more than 35 machines.

ABOUT THE COMPANY

Liebherr-Werk Nenzing GmbH is part of the Liebherr group presently comprising more than one hundred companies throughout the world and employing more than 22,000 people. Liebherr-Werk Nenzing GmbH was founded in 1976 and concentrates today on the design and manufacture of harbour mobile cranes, reachstackers, ship and offshore cranes as well as duty cycle crawler cranes, lift cranes and foundation equipment. Further manufacturing sites, belonging to the Nenzing plant are located in Sunderland (Great Britain) and Rostock (Germany) as

well as four fully owned companies in Hongkong, Hamburg (Germany), Amersfoort (Netherlands) and Niederhergheim (France). In fiscal year 2005 the turnover of Liebherr-Werk Nenzing GmbH amounted to € 443.8 million.

ENQUIRIES

Dr. Hans Liebherr StraBe 1, A-6710 Nenzing, Austria

Tel: +43 5525 606-574

Fax: +43 5525 606-447

E-mail: Joachim.Dobler2@liebherr.com

Website: www.liebherr.com