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BROMMA WINS NEW GREEN SPREADER ORDERS FOR AUSTRALIA, LEBANON & SPAIN

34 Yard All-Electrics Newly On Order, Plus New STS45 Contracts

Stockholm-based Bromma, the world leader in crane spreaders, has won new orders for the supply of 34 green all-electric spreaders in 2013 to Brisbane, Valencia, and the Port of Beirut. Bromma is the #1 supplier of green spreaders to terminals throughout the world.

In the Middle East, 16 YSX40E all-electric yard spreaders are headed to the Brisbane terminals of **Dubai Ports World**.

In Asia, a total of 14 YSX40E all-electric yard spreaders have been ordered for delivery to the **Port of Beirut in Lebanon**.

Finally, in Europe 4 YSX45E yard spreaders have been ordered for the Port of Valencia in Spain.

These new green spreader orders come on the heels of many other large all-electric orders during 2012, especially for automated terminals. Most recently, Bromma has won an order from **Long Beach Container Terminal LLC** in the United States for 50 ship-to-shore and yard all-electric spreaders. In addition to energy savings and emission reductions all-electrics produce dramatic operational cost savings as well. All-electrics have fewer service points, and require no fluids or hoses. They eliminate the risk of groundwater contamination while reducing maintenance and operational costs.

The Bromma Environmental Initiative

All-electric green spreaders are part of a far-reaching programme called the **Bromma Environmental Initiative**. The initiative involves a comprehensive approach to many different areas of environment impact, including:

- reducing environmental impact during equipment operations
- optimizing equipment lifespan
- optimizing recycling of equipment materials
- optimizing the equipment production process
- optimizing equipment function

reducing aggregate materials used in equipment

One of the key areas of recent focus has been the sourcing of green steel. The raw material of iron ore from which steel is produced can vary considerably based on where it is sourced. European steel uses Nordic iron ore, which has high iron content and consists mainly of magnetite. Nordic iron ore is able to be processed through oxidation. This oxidation process generates large amounts of heat, requiring less supplemental heat from other energy sources like fossil fuels. Using iron ore that is processed through oxidation, therefore, considerably reduces carbon emissions and energy consumption.

The Bromma Green Initiative is thus focused not only on operating green, but producing green, and this consistent and holistic approach is one factor behind the great surge in Bromma green spreader orders in this and recent years.

New Order for 14 STS45 Spreaders to Malaysia and Lebanon

Bromma has also just won new STS45 separating twin-lift ship-to-shore spreader orders for **Northport in Malaysia** and the **Port of Beirut in Lebanon**. A total of 9 STS45 separating twin spreaders have been ordered for Northport, while 5 STS45 spreaders have been ordered for the Port of Beirut in Lebanon. Bromma is the #1 supplier of STS crane spreaders in the world.

About Bromma

Headquartered in Stockholm, Sweden, Bromma is the world leader in crane spreaders. In more than 50 years of continuous operations, Bromma has delivered crane spreaders to 500 terminals in 90 nations on 6 continents, and Bromma spreaders are in service today at 97 out of the world's largest 100 container ports. Bromma is the industry market leader in ship-to-shore spreaders, mobile harbor crane spreaders, and yard crane spreaders. A pioneer in the container handling industry, Bromma is focused on lifting the productivity of its customers through more reliable spreaders, and Bromma's industry-leading all-electric Greenline[™] spreaders and recent Green Zone[™] port productivity applications such as Roadmap[™], Fleet Doctor[™] and Work Order[™] are part of this continuing effort.

Bromma is part of the Cargotec organization.

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For On-Line Access to the Bromma Image Bank

http://77.72.99.150/imagebank/bromma/admin username: user password: BrCo!234

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