

PRESS RELEASE

Moving metric tons using the Touchscreen 3200:

The world's largest mobile crane uses DLoG industrial PCs

Olching, January 28, 2008—The very best high tech in the largest moving loaded crane in the world, the Terex® Demag CC8800-1 TWIN lattice boom crawler crane: With the aid of two rugged DLoG MPC 6/110 industrial PCs, the crane operator always has important information concerning his equipment at hand. Functions such as working range limitation, soil pressure display, or comprehensive self-diagnostics are selected through the intelligent DLoG devices—at the press of a finger on the touch-sensitive screen.

The first to purchase the Terex® Demag CC8800-1 TWIN will be Al Jaber Heavy Lift & Transportation LLC in Abu Dhabi, who will use the mobile crane to carry out big projects, in particular to set up distillation columns and reactors. In this environment, extreme requirements are placed on the super-crane: The mobile equipment must function reliably and be safely operated under all conditions. Maximum precision, maximum safety, maximum ease of operation—using the high end control system "IC-1", the crane is perfectly coordinated through the rugged DLoG touchscreen PCs, even when carrying the heaviest of loads.

DLoG industrial PCs for safe operations and confident application

The 10.4 inch, touch-sensitive screens of the MPC devices are the basis for the safe operation of the crane system, which is designed for a load capacity of 3200 tons. The DLoG MPC 6/110 not only withstand dust, sand, heat and high humidity, but also coldness and moisture inside the crane cabin, which sits about nine meters above the ground. The rugged devices, which meet class IP65, do their job at operating temperatures of from -30° to +50° Celsius. They are ergonomically installed in the cockpit and can be tilted as well as rotated, and are designed for uninterrupted operation even under strong vibrations and voltage peaks or dips lasting a few seconds.

Data is input directly through the buttons on the touch screen. For example, by inputting the load, the radius to be traversed and other such queries, the DLoG industrial PC automatically creates a selection of

possible configurations from which the crane settings needed for the application can be accepted at the touch of a button. The crane operator can also set a limit on the working range using the touch screen. In critical situations, such as in chemical plants or power plants, this effectively prevents collisions or contact. Also, the response of the control levers can be tailored via the menu to existing requirements and to the desires of the operator. For example, the crane operator can select high speeds for concrete work or high precision for assembly work.

More information is available online at www.dlog.com.

Available photographic material:

Download at www.dlog.com under Press/

DLoG GmbH:

DLoG is a European market leader in industrial vehicle terminals for industrial applications. Based on our boards, which we have developed ourselves, we guarantee tailored solutions in conjunction with high quality and long-term support of maintenance or system upgrades. Fail-safety is our utmost priority, in particular under extreme environmental conditions such as moisture, wide temperature fluctuations or vibrations.

Areas of application:

- Logistics applications, in particular on floor transport vehicles in warehouses, goods distribution centers or harbors
- Visualization and control applications on construction and agricultural equipment, trucks, busses and railway vehicles, and in mining operations.

Solutions:

- Vehicle terminals and stationary terminals based on boards developed in-house, and mechanics based on the Intel Celeron line of processors (DLoG MPC 6) as well as Intel XScale line of processors (DLoG X7, X10, X12)
- Stationary terminals, in particular for manufacturing applications based on the Intel Celeron and Pentium M line of processors (DLoG IPC 7)
- Consultation and project management services, in particular in the area of wireless broadcasting and networking (in particular WLAN)

3rd Party products such as scanners, printers or MDE equipment
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