

MiddleEastCranes

DRIVING CONSTRUCTION 2009

The biggest crane industry meeting in the Middle East



**Conference & exhibition: 24 - 25th February 2009,
Shangri-La Hotel, Dubai, UAE**

www.middleeastcranes.com

To attend, email Natasha Denney, ndenney@progressivemediagroup.com. Tel: +44 (0)208 269 7833

To exhibit, email Mark Bridger, mbridger@progressivemediagroup.com. Tel: +44 (0)208 269 7746

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Remote for mechanical controls

Hetronic, the specialist design, development and manufacturer of safety radio remote control systems, has developed a new MEC-ACT actuator kit for hydraulic cranes. The unit claims to offer a more cost effective solution when converting to remote control, without requiring modifications to the hydraulic system.

The advanced technology used in the actuator provides very accurate control of the machine's functions and Hetronic says, the installation requires no specific knowledge of the hydraulic system because no changes are necessary.

Each kit includes a servo control for each hydraulic function to be handled, the required fixing brackets and a complete BMS proportional remote control. Five different kits are available with four, six or

eight proportional functions and either two or four cross joysticks or six or eight linear paddle levers.

The electric servo control can operate a double action for each function. Actions controlled by the remote control are immediately interrupted in the event of an emergency stop, a cut-off of the radio connection, sudden or voluntary turning off of the machine or excessive stress of the electric servo control on the activation lever. All of the electronic

controlling systems of the servo motor are directly protected by special control circuits of the radio receiver.

Supply voltage is between 11.5 to 16 volts and the electrical current required is 2.25 amps. Maximum travel speed range is 38.1 mm per second and the unit includes 100cm of multiple cables with an eight-pole plug.



The Hetronic MEC-ACT modification kit for hydraulic cranes claims a cost-effective solution of converting to radio remote controls.

A better tyre fill

Zeus has launched a new three part alternative to normal poly-fill puncture proofing materials. Named Triofill it is, says the company, more environmentally friendly, offers better performance and is faster to fill thanks to a new electric pump system.

Triofill has a three component structure, comprising two liquid polyurethanes mixed with granulated rubber which, Zeus says, dramatically improves its physical properties, particularly its strength. The

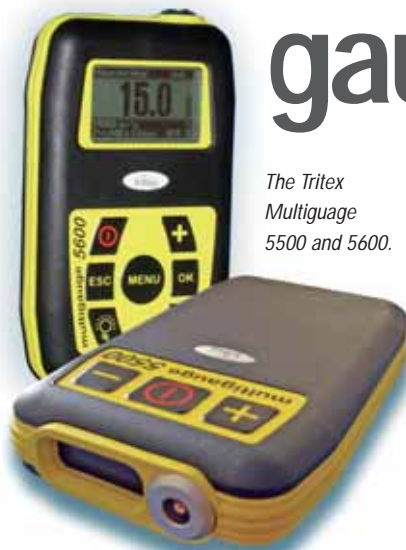


company also says that vehicles with Trofilled tyres can be driven up to 50mph. The main benefit though might be the fact that it is more environmentally friendly, cleaner and more cost efficient. It comes with a completely re-designed, state of the art electrically driven pump filling system, which is easier to use, quieter, solvent free and quicker to clean and more than 10 litres per minute faster than traditional pumping systems, claims the company.

The newly designed Triofill pumping system.



New thickness gauges



The Tritex Multiguage 5500 and 5600.

Tritex NDT has developed a new range of triple echo ultrasonic thickness gauges for measuring metal thickness to check for corrosion in pipelines, storage tanks and other industrial applications where corrosion occurs. The Multigauges have been designed to be robust, simple to use and most important of all, highly accurate.

The range includes the Multiguage 5500, designed for hands-free use when climbing on staging, scaffolding or when

accessing large storage tanks by rope, and the Multiguage 5600 which has been developed for most common thickness gauging applications such as pipes and tubes. The keypad is clear and easy to use, whilst the bright graphical LCD display gives detailed information such as echo strength, probe type and measurement units. The moulded soft rubber surround feels comfortable, looks good and provides extra protection against knocks and scrapes.

All probes have Intelligent Probe Recognition (IPR), which automatically adjusts settings in the gauge at the same time as transmitting recognition data. The result is a perfectly matched probe and gauge for enhanced performance. At the same time an Automatic Measurement Verification System (AMVS) ensures only true measurements are displayed, even on the most heavily corroded metals. Tritex Triple Echo also significantly reduces preparation time as it eliminates the need to remove surface coatings, just the metal is measured.

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