



Chain hoists

Street Crane has launched a new range of chain hoists in capacities from 0.25 to 2.0 tonnes.

The CX hoists with eye suspension units are designed for fixed position workstations. The addition of CX trolley units makes them suited to powered or push travel in conjunction with EOT cranes, jib cranes or

monorails.

Safety features include fail-safe DC disc brakes, asbestos free linings, fool proof plug-in electrical connections and overload protection.

Street Crane says the new CX range is engineered to give superior levels of safety, reliability and productivity and low cost of ownership.

Helicab for cranes

French firm SMIE has launched an operator's lift for tower cranes. Called the Helicab, the lift is fully independent of the slewing part of the crane, but is designed to allow safe access for the operator from the tower to the cab.

SMIE, which is renowned for its anti-collision systems, says the Helicab improves working conditions for crane operators, improves safety and allows the operator to get to from and the cab more quickly than when climbing the tower.

Crane crash



SK Group, a French firm specialising in crane anti-collision systems, has launched an on-board computer system designed to allow the operator to visualise in real time, on a single multimedia control panel, the crane's profile and its position on

the construction site.

Called Navigator 2000, the system combines anti-collision functions with equipment monitoring and data logging. It can also be linked via the internet to any computer for remote monitoring and interrogation.

Noise talks

Emtec Laboratories has developed the "Noisetalker", a combined hearing protection and radio communication system.

The company says that market research has shown the need for efficient radio communications in noisy environments and the Noisetalker is its response. The device is based on Emtec's existing Noisebreaker ear defender. This is a "made-to-measure" silicone rubber ear piece which is already widely used in the industrial and public sector markets. The Noisetalker combines this ear-piece with a tiny radio receiver to give a comfortable ear plug with radio built-in.

Emergency stop

Red Rooster, a new company based near Aberdeen, has developed a device which allows a pneumatic winch or hoist to be stopped from a remote location up to 100 m away using a secure radio signal.

Dubbed TESS ("Telemetry Emergency Stop System") the system is the brainchild of Malcolm Hodgson, an engineer who

last year witnessed a tragic accident in which a worker died during a manriding operation due to the absence of communi-

cation between the victim and the hoist operator.

The TESS system, which is aimed specifically at offshore applications, comprises a stainless steel enclosure which can be fitted to the main air supply of any pneumatic hoist. On receiving a secure radio signal from a transmitter worn by the person suspended from the

winch, the unit exhausts the air from the down-line, stopping the motor and allowing the brake to be applied.



Instant load release

Emessem Solenoid Company's latest development is a load release mechanism for any application requiring controlled instant release of a load.

Called the Type 70/71 Load Release Mechanism, the device is available in a number of standard voltages, both DC and AC. Two versions are available: the Type 70 is an "energise to hold" device, whereas the Type 71 is "energise to release". The Type 70 will hold the load while current is flowing, dropping it when the current is interrupted. The Type 70 will hold the load with a permanent magnet until a current starts to flow, when the load is released.