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That's a wrap

SGB SAYS that it has eased time-consuming and costly scaffold structure enclosure with its EnviroWrap polyethylene shrink film material. According to the company, when grit-blasting, painting, removing asbestos or simply providing protection against bad weather, scaffold must be clad with one of a number of proprietary sheeting materials, which often requires the extra stiffening of the scaffold, special anchoring components and modification to the scaffold design.

The EnviroWrap material simply wraps itself around the scaffold structure, and being independent of the structure, it requires no special fixings of anchors. The material has a multi-layered structure, including a fire resistant layer and a UV inhibitor that gives up to three-year degradation resistance. EnviroWrap is supplied in 15 x 5 meter or 20 x 5 metre rolls and can be cut to size on site. ■

Please send in all your product and technological innovations to either ww@vertikal.net, or alternatively to our UK Head Office address at Innovations, The Vertikal Press Ltd, New England House/Level 5, New England Street, Brighton BN1 4GH,UK.

Close call

CATTRON-THEIMEG, primarily known for the production of radio remote control system, has introduced two collision avoidance systems for overhead cranes, the UltraGuard and LCAS (Laser Collision Avoidance System). The former system is a self-contained, zone-adjustable range detection system, which utilises advanced ultrasonic technology and digital processing to warn of potential collisions and ultimately stop the crane's movements before the collision takes place. The system can work in three different modes, depending on the required intensity of obstacle detection and has been designed for self-diagnostics and continuous verification of performance.

The LCAS uses reflective Class 1 laser technology, which detects either stationary or moving objects and is field adjustable to enable the crane to be slowed or stopped at any user-selected distance. The system can be programmed for alarm and stop functions at any specific distance and with a range of 50 metres, it is capable of precision distance changes to a resolution of 3 millimetres. ■

Level-headed

THIS FAMILY of robust AccuStar clinometers is now being distributed throughout the UK by Sherborne Schaevitz of Basingstoke. A clinometer is an electronic angle sensing element which, when used with material handling equipment such as self-propelled aerial platforms, for example, can provide monitoring of the safe levels of tilt.

With self propelled systems, the operator can drive the platform while it is in its extended position, so manufacturers build in a shut down system which disables the drive function of the machine if the operator puts the platform into a potential tip-over state.

Sherborne Schaevitz's AccuStar II DAS 20 dual axis clinometer measures both the extension of the platform and the angle of the unit's main chassis, enabling the set-up of the tip-over protection system, while other uses may include platform levelling, wheel alignment and automatic levelling systems.

The company also says that for OEMs who plan to incorporate a basic angle element in their own electronics, then its less complex AccuStar II DAS30 clinometer can be supplied as a cost effective option. ■

Dummy-proof

CERTEX UK has launched a range of personal protective equipment (PPE) for use in the lifting industry. The range, manufactured by UK-based Checkmate, includes what Certex says is the world's first all-composite harness and shock absorbing lanyard, the FBH10/11 (pictured). Unlike traditional harnesses, which utilise steel fittings, the new product is made entirely of composite materials for use in areas such glass tanks, for work on special surfaces and for use in close proximity to high electrical charges.

The full range includes 15 full body harness versions, as well as shock absorbing and retractable lanyards, fall arrest blocks, tripods, davits, modular temporary and permanent lifeline and rail systems, and personnel evacuation devices. Each piece of PPE equipment in the range meets the latest EN safety standards and is independently tested. ■