

Latch on Intelligent lifting



Southco has introduced the Folding T-handle Style Compression Latch. Developed to provide an effective seal against contaminants, it is also robust and ergonomic, and styled to compliment modern equipment design.

The latch eliminates shock and vibration, making it easier for manufacturers to comply with noise emission standards.

The new product can either be requested as a handle only, or flush with its cup, so that nothing protrudes. Whether you want limited access codes or a non locking handle for quick access, Southco's on-line Product Selection Guide (at www.southco.com) allows design engineers to configure their ideal solution.

Intelligent lifting

Ingersoll-Rand has introduced its new 'Intelift' intelligent ergonomic lifting system.

Designed to reduce compensation pay outs for back injuries, the Intelift Air Balancer is packed with features to enable operators to work safely, including self balance – featuring intuitive speed for different weights; float mode, where constant pressure is maintained in the balancer throughout travel; dump mode position control and smart drop, which allows the load to be lowered only until the weight of the end effector is supported.



Hi tech pressure sensor

A pressure sensor as thin and non-descript as a piece of blank paper has been introduced by Sensor Products. 'Pressurex' is a tactile force indicating sensor film.

To assess the compression magnitude and distribution between two impacting surfaces, the sensor film is inserted. When removed, the intensity of colours permanently produced

by the pressure indicates whether some parts are under more stress than others. A colour calibration chart is provided so that the exact PSI can be determined.

Probable uses for the sensor include the testing of gearboxes, clutch and brake plates, package drop pressure and pressure in mechanical joints.

If you would like your latest innovations to appear in *Cranes and Access*, call Rosie Gordon on 01273 88 44 22.

Cylinder stability



Machines with high capacity cylinders often experience instability, especially when they are operating a long boom.

Integrated Hydraulics Ltd have invested time and money into finding a solution to stop the fast release 'jerking' that can be experienced. Its engineers have proposed the hydraulic two stage motion control valve, with two springs. Only the outer spring is affected by the pilot piston, whilst the inner spring creates a counterbalance pressure, effectively preventing the usual situation where a valve expects a heavier load than is actually present.

Baldwins branches out

Baldwins Industrial Service plc has announced its new division, Baldwins Global Distribution, which will specialise in the supply of lifting-related products from all over the world. They will be sold only through Baldwins, under the brand names LiftinGear, Telecrane and RadioHoist.

General lifting products will come under the

LiftinGear brand name.

Telecrane offers custom programming flexibility on a windows-based software package and is available with two transmitters for the normal price of a system with only one.

The RadioHoist system aims to provide a safer, more flexible and cost-effective system to replace traditional pendant operation of hoists.

