

# Subscribe to Cranes & access

The only way to guarantee that you receive every issue.

**Vertikal**  
net

Subscribe online at [www.vertikal.net](http://www.vertikal.net)



## Subscription Application Form

Please complete this form and either fax back on +44 (0) 1295 768223 or +49 (0) 7618 866814 or post to The Vertikal Press, PO Box 6998, Brackley, NN13 5WY, UK. Tel: +44 (0)8707 740436

Name \_\_\_\_\_

Company \_\_\_\_\_

Job Title \_\_\_\_\_

Telephone \_\_\_\_\_

Address \_\_\_\_\_

Country \_\_\_\_\_

Telefax \_\_\_\_\_

Email \_\_\_\_\_

Please start my one year subscription to Cranes & Access at the rate of:

- £40.00/€60 (UK and Irish addresses only)
- €75.00 (Rest of Europe)
- \$110.00 / €60.00 (Other regions)
- I enclose a cheque made payable to The Vertikal Press
- Please invoice me
- I enclose an international money order

## SUMNER Lifting Solutions



**Series 2100 Li<sup>o</sup> Hoister**  
Heights: 1.6 m, 2.0 m, 2.7 m, 3.4 m  
Capacity: 135 Kg

**Roust-A-Bout**  
Heights: 4.6 m, 7.6 m  
Capacity: 680 Kg



**Series 2100 Contractor Lift**  
Heights: 4.0 m, 5.6 m  
7.3 m  
Capacity: 300 Kg



**Series 2000 Material Lift**  
Heights: 3.2 m, 4.6 m  
6.1 m, 7.4 m  
Capacity: 300 - 450 Kg

**Series 2300 Drywall Lift**  
Heights: 3.5 m, 4.4 m  
Capacity: 49 Kg

**SUMNER**

[www.sumner.com](http://www.sumner.com)

**Sumner Manufacturing Co, Inc (UK)**

Unit A6, Haybrook Industrial Estate, Halesfield 9  
Telford, Shropshire telephone (44) 01952 586517  
TF7 4QW, UK facsimile (44) 01952 588920

## Innovative ladder levelling system

Italian ladder manufacturer, Svelt, has launched a new, three model range of heavy-duty, ribbed extruded aluminium ladders which incorporate a patented stabiliser that allows the ladder to cope with slopes and obstacles as high as 310mm. The stabiliser also incorporates raised ribbed rubber feet at each end so that the raise the stabiliser bar by 45mm to clear small stones and wires etc..



The patented adjustable ladder base stabiliser is the 480mm wide and uses extractable pins to allow 5mm levelling from 18-31cm. Note the raised rubber end feet which give 45mm ground clearance.

The stabiliser can be used with the ladder in either straight ladder format or when folded for step ladder applications.

## New version of Automation Studio

Famic has introduced a new version of its Automation Studio. The company says that it should enable manufacturers to reduce errors and project time, accelerate time-to-market, and optimise the workflow from system design, to maintenance, service and training.

The new libraries include vendor specific components to speed up the design process such as Parker (P2, P3, etc), Bosch Rexroth (A4VG, A10VO, A6VM), Kawasaki, Sauer Danfoss and a brand new library for components by Hydraforce.

Automation Studio offers advanced simulation capabilities which set close correlation between diagrams and real circuits. Each component has its own simulation models and becomes colour-animated according to its state, therefore facilitating testing and validation of design integrity.

The software can also serve other departments such as maintenance, service and training, which can use its simulation and documentation capabilities to reduce downtime and troubleshooting time, to test 'what if' scenarios and to create more flexible training material at virtually no extra cost.

## The Eagle IT7000 has landed

Portable data collection and barcode scanning devices are becoming mainstream, from field services and manufacturing through to equipment maintenance checks, 'goods-in' inspection, warehousing and retailing.

The recently launched Eagle IT7000 from M.A.C Solutions (UK) is a cost effective portable data collection terminal which, it claims, is perfect for companies that don't want to keep buying different handheld devices for each application. The Eagle IT7000 device is said to be able to handle all of a customer's data collection and scanning needs in a single piece of hardware.

The Eagle IT7000 is built around the Intel XScale PXA255, 400MHz processor

and runs on Microsoft Windows CE .NET. A scanner or imager can be added to the device, enabling the unit to capture data in the office or out in the field.

*For users needing to scan at a high rate, or in tough site conditions, a rugged, ergonomic pistol grip is available.*



C&a innovations

Slices employing Integrate Hydraulics' over-centre cartridges are now available.

## Over-centre cartridges now available in CETOP modules.

Over-centre valves are crucial to the safe and effective functioning of many hydraulic systems. Some of the most sophisticated and best valves available are the cartridge type but manifold blocks or in-line valves in which cartridges are not used, are not suitable for all applications and CETOP slices are often preferred when production runs are short. Integrated Hydraulics' has now introduced slices that incorporate over-centre cartridges.

The standard over-centre valve is a pilot assisted relief with an integral free-flow check. Integrated Hydraulics' valves consist of a poppet that seals flow from an actuator until its pressure setting is exceeded. The standard valve vents the spring chamber to the valve port, a problem with varying or high back pressures. The Part Balanced valve was therefore designed, where the relief is not affected by back pressure so it can be used with closed centre directional valves with service line reliefs. But because the pilot pressure is affected by back pressure, the valve can not be used in regenerative circuits on a cylinder's annular port. Also, if used with a meter-out proportional system, the constantly varying back pressures can cause instability. The Fully Balanced version overcomes this with the spring chamber vented to the atmosphere or drain.

Integrated Hydraulics says that its standard range of valves can be used to solve the vast majority of control motion problems. The company is also developing new valves that will further improve stability and load control.

## Drop the sledge

Tool distributor Damar International Ltd has launched a novel replacement for the sledge hammer, which it says will improve safety, reduce manpower and speed work. Slide Sledge, as it is called, uses a sliding weighted rod inside a tube. A large variety of end attachments are available from chisels to pin removers. The force is directed to precisely the point where it is required with an efficient linear hammer action.

There are four Slide Sledge models rated at four, six, seven and 10kgs all of which can be boosted by the use of an additional weight that is screwed onto the hammer bar.



## e n q u i r i e s ↓

To contact any of these companies simply visit the 'Industry Links' section of [www.vertikal.net](http://www.vertikal.net), where you will find direct links to the companies' web sites for up to five weeks after publication.

To have your company's new product or service displayed in the 'Innovations' section of C&A, please send in all information along with images to either; Innovations, Cranes & Access, PO Box 6998, Brackley NN13 5WY, or alternatively by e-mail to: [info@vertikal.net](mailto:info@vertikal.net) with 'Innovations' typed in the subject box.