



EMF machinery safety service

TÜV SÜD Product Service has introduced an Electromagnetic Fields (EMF) machinery safety service to help machinery manufacturers and end-users comply with the Control of Electromagnetic Fields at Work Regulations.

The new service will include EMF measurements and risk assessments of the machinery environment, to ensure compliance with a wide range of legislation and standards.

See page 68

Pressure sensors

Providing measurement solutions in a wide range of applications where transient pressures are encountered, PCB Piezotronics offers a comprehensive range of dynamic pressure sensors. The most cost-effective range it maintains in stock for fast delivery is the general purpose high frequency 113 series which comprises eight models with pressure measurement capabilities ranging from 50psi to 15,000psi and sensitivity ranging from 0.5 up to 100mV/psi.



See page 12

Looking to the future

Plans for Maintec 2017 are rapidly gathering pace. The event, which takes place at Birmingham's NEC from 21st to 23rd March, will feature topical educational content, a key focus of which will be on how technologies enabled by the Internet of Things are set to transform the role of the maintenance engineer.

Greater connectivity across industrial environments will provide companies with better visibility of their assets, bringing the potential



for smarter factories based on preventative maintenance methodologies.

In addition to the seminar programme, Maintec 2017 is expected to feature more than 100 exhibitors from a wide range of sectors.

See page 30



Battery-operated scrubber dryer

Consultant Cleaners has deployed a new Nilfisk SC6000 ride on scrubber dryer at the Faerch Plast food packaging manufacturing site in Durham.

The SC6000 is a next generation, battery-operated scrubber dryer designed for large indoor areas. Total cost of ownership was key to product development, enabling high speed scrubbing and drying with low levels of water, detergent and power.

See page 58

Packaging aid

Easypack's Packstation has been built with user comfort, safety and efficiency in mind and offers a multi-functional workspace alternative for businesses looking to streamline their packaging processes.

The Packstation provides a generously sized workspace. It is manufactured with a strong, welded steel construction and has a laminated, hardwearing worktop. The worktop height can be adjusted for user comfort, and additional shelving can be added.



See page 46

Power and portability

Available from ESAB, the Rebel EMP 215ic MIG/TIG/Stick welder offers primary power and location flexibility, while the Rebel EMP 215ic 120V-230V CC/CV welding system, provides multi-process arc performance, location flexibility, lightweight portability and an operator interface with LCD/TFT display.

The sMIG (smart MIG) function, enables users to begin MIG welding – with an extremely stable arc – simply by setting the metal thickness and wire diameter. There is no need to enter information for shielding gas mix.



See page 44



Free with this issue of IP&E comes a supplement devoted to Energy Management. It contains a mix of features, case studies and details of new products and services, all designed to help companies ensure that their premises and equipment are operating as energy efficiently as possible.

More training for warehouse managers

UKWA – the United Kingdom Warehousing Association – has announced that January 2017 will be the start date for its next Warehouse Manager Certificate of Professional Competence (CPC) training programme.

The Association launched its Warehouse Manager CPC in partnership with Logistics Learning Alliance in September 2016. The course consists of two modules, Management of Warehouse Operations and Management of People.

Each programme begins with a one-day workshop. Each module also requires 80 guided learning hours (GLH) – a total of 160 GLH for the qualification – delivered by distance learning.

Tel: 020 7636 8856



Uncertainty continues

The Forklift Truck Market Outlook for 2016, produced by Oxford Economics on behalf of BITA, reveals that member confidence has softened in line with the slowing prospects for the UK economy.

Half of respondents considered themselves 'less optimistic' about the outlook for the coming 12 months, compared to just 20% who said the same back in the spring. This is reflected in attitudes towards expected sales, with fewer respondents now in the 'rise significantly' and 'rise modestly' categories, but opinion is still fairly divided.

Order books are not yet suffering, with most of those polled considering their ledgers to be significantly better than normal, a substantial change from earlier in the year.

All respondents now expect prices to rise, compared to flatter predictions previously.

Tel: 01344 623800



Safe and hygienic handling



J D Neuhaus (JDN) can provide hoist solutions for working environments that demand high levels of cleanliness and hygiene.

JDN has created a nickel-plated hoist to ensure the highest level of

cleanliness. Designed specifically for clean operating environments, this robust hoist can be configured in the company's standard Profi TI series for 0.5 to 1t, or big bag handling unit and low headroom trolley hoist for 1t. All of these feature outer surfaces plated in 25µm thick nickel.

Where Profi hoists are required to run on overhead rails, both manually operated and motorised trolleys can be provided with nickel-plating features on the gearbox/motor and body.

For applications, such as commercial kitchens, the JDN Profi hoists offer a number of useful standard features including, high corrosion and humidity resistance, ease-of-cleaning and suitability for lube-free operation. JDN also has a number of stainless steel options including a chain, load hook and sleeve and top hook.

Tel: 01224 722751

Ergonomic packing workstation

Easypack's Packstation has been built with comfort, safety and efficiency in mind and offers a multi-functional workspace alternative for businesses looking to streamline their packaging processes.

The Packstation provides a generously sized workspace. It is made with a strong, welded steel construction and has a laminated,



hardwearing worktop, the height of which can be adjusted for comfort. Additional shelving can be added.

The unit is available in single or double worktop options, the latter allows two operators to work on opposite sides. All Packstations can accommodate Easypack's integrated paper cushion dispensing systems, saving on space and time. Systems can be safely positioned beneath the Packstation, to deliver packaging at point of use via a chute or through a number of bracketed options. All Easypack systems deliver strong, flexible packaging cushions produced from rolls of 100% recycled, recyclable and biodegradable paper.

Tel: 01438 740649

Powered trucks

Toyota Material Handling UK has launched two new models, the BT Levio LWE130 powered pallet truck and the BT Staxio HWE100 stacker truck.

Compact, efficient, and easy-to-use and with low noise levels, the BT Levio LWE130 and the BT Staxio HWE100 are powered warehouse trucks that are productive in a wide variety of lower-intensity applications.

The LWE130 powered pallet truck can transport loads of up to 1.3t over short to medium distances with a travel speed of up to 5.5km/h; while the HWE100 truck can stack up to 1t to heights of up to 2m.



Both models have a low-maintenance AC motor that offers durability and strength, as well as low energy consumption. The trucks also come with a built-in mains charger for fast, easy charging. The LWE130 pallet truck has the option of an in-vehicle charging system.

Tel: 0370 850 1409



Spiral conveyors

Nerak Wiese is launching a range of spiral conveyors. Capable of handling a variety of unit loads, spiral conveyors offer a solution where a continuous vertical elevation process is required, in applications such as internet fulfilment, end-of-line operations, general warehousing and food processing.

Modular design enables the spiral elevators to be configured to suit specific conveying needs. Simon Musgrave, sales director, says: "This is useful where the product needs to be turned through 90° during elevation, avoiding the need for expensive cross transfer conveyors."

Available in 400 and 600mm belt widths, the spiral elevators offer a capacity of up to 3000 units per hour.

Tel: +44 (0)1874 612 900



Enhanced website

International strapping specialist Mosca has launched a new website (mosca.com/en-uk) with improved ease-of-use and compatibility with all browsing devices.

The enhanced site features an easy-to-navigate design that enables users to quickly find the information they require, emphasising the company's ability to provide complete end-of-line packaging solutions from a single source.

Content is divided into three sections: 'Solutions' lists the Mosca strapping machines and different types of strap available, as well as detailing typical applications and the many different industry sectors for which they are suitable; 'Services' explains the comprehensive support available from Mosca before, during and after purchase; and 'Company' provides corporate information including Mosca locations, safety standards and social initiatives.

Tel: 0115 989 0209