

MACHINERY

UPDATE

Issue 4, Volume XXXI, July/August 2020

The machinery only journal for processing & packaging | www.machineryupdate.co.uk

INSIDE



NEWS

The PPMA Show 2020 has been postponed until next year in the interests of health and safety for all concerned. It is the first time it won't be staged since its 1988 launch

NEW MACHINERY

BW Flexible Systems has a new continuous motion VFFS bagger, designed as an ergonomic and intuitive machine to complement its intermittent version. Find out more on page 16

INSTALLATIONS

A plastic-free transit pack is used by a retailer of Spanish foods



PLUS

The UKIVA's Technology Presentation Hub that was developed following MVC's postponement is still live! www.ppma.co.uk/ukiva

Robotics come of age

Will this global pandemic help to make UK manufacturers adopt the very latest robotics, vision systems and automation developments to ensure their factories are efficient and safe?

PUBLISHED BY

PPMA GROUP OF ASSOCIATIONS
PPMA BARA UKIVA



Technology inspired by human talent

Cama Group is a leading supplier of advanced technology secondary packaging systems, continuously investing in innovative solutions.

www.camagroup.com - cama3@camagroup.com



cama
GROUP
Innovation meets Experience

Contents

7 NEWS

We ask if this pandemic will help the UK to finally automate its food factories with the very latest robotics technologies?

12 NEW MACHINERY

Mettler-Toledo's washdown check weighing series minimises bacterial contamination risks

20 INSTALLATIONS

Multivac supplied a bespoke solution for JCS Fish last year

28 SPECIAL FEATURE AUTOMATION, ROBOTICS & VISION SYSTEMS

This 30 page feature highlights the technologies being used in this sector to deliver the most efficient use of manufacturing resources across the board



REGULAR FEATURES

58 LABELLING, CODING & MARKING

Videojet Technologies has a new 9550 6 inch label print & apply (LPA) system for direct apply labelling applications. By expanding the printing capability of the proven 9550 2 inch and 4 inch LPA units, the 9550's performance is available to more industry sectors

10 REGULATIONS

As the use of ESPE increases, it is only regular testing that can prove its efficacy and also its complete safety in use

60 WHO WHAT WHERE

Personnel changes taking place

61 MACHINERY FINDER

Machinery and services

Machine Vision



The Imaging Source have a full range of colour and monochrome industrial cameras for Machine Vision applications



Machine Vision lighting products from the worlds leading suppliers



Thermal Camera Core High Sensitivity Thermal camera (8 to 14 micron) ideal for OEM use



Structured Light Lasers High laser line uniformity for precise machine vision profiling and measurement applications

Call us on 01635 30345 or Email sales@alrad.co.uk or visit our website www.alrad.com for more information

ALRAD
50 YEARS 1970 - 2020

MACHINERY UPDATE

EDITOR:
Gail Hunt

PUBLISHING MANAGER:
Bill Lake

**ADVERTISING SALES
EXECUTIVE:**
Robert Beswick

ARTWORK CONTRIBUTOR:
Barry Heath

HEAD OF PUBLISHING:
David Chadd

A PPMA PUBLICATION
PPMA Ltd
New Progress House,
34 Stafford Road,
Wallington,
SM6 9AA

TEL: +44 (0) 20 8773 8111

E-MAIL ADDRESSES:
publishing@ppma.co.uk
show@ppma.co.uk
technical@ppma.co.uk

WEBSITE:
www.machineryupdate.co.uk

APPLICATIONS FOR FREE COPIES
of Machinery Update are considered from specifiers, managers and purchasers of processing and packaging machinery in the UK.

ANNUAL SUBSCRIPTION:
£35 (UK), £50 (Continental Europe), £65 (rest of world).

ISSN 0969-4145

PRINTED BY:
John Good Ltd, Progress House,
Butlers Leap, Rugby CV21 3RQ
Tel: 02476 652800

The Processing and Packaging Machinery Association assumes no responsibility for the statements or opinions, whether attributed or otherwise, in Machinery Update.

This publication is copyright under the Berne convention and the International copyright convention. Apart from any fair dealing for the purposes of research or private study, as permitted under the Copyright, Designs and Patents Act 1988, no part of this publication may be reproduced, stored in a retrieval system or transmitted in any form or by any means in any form without prior written permission of the publishers.
Publishers: PPMA Ltd





your carton packaging solution!



www.et-pack.com



End Load



Ecowrap®



Robotics



Infeed



Top Load



Conveyors



Case Packing



Engineering



ETPACK SPRINTER UK
Suite 16, Unit 4B, Kingfisher Court Business Centre,
Hambridge Road, Newbury, Berkshire RG14 5SJ
+44 (0) 1635 905 090
dianne@et-pack.com

www.et-pack.com

PPMA matters

Could the 'new normal' be robotics?



Tim Paul

CHAIRMAN, PPMA GROUP OF ASSOCIATIONS
(INCORPORATING PPMA, BARA AND UKIVA)

If what we read from the World Health Organisation is true, COVID-19 will be around for some time yet in the absence of a vaccine. It's hard to imagine another year like 2020, from which post-Brexit negotiations have morphed into virtual obscurity amid this global pandemic.

The postponement of our PPMA Show (see page 7) is just one of the many casualties borne out of the coronavirus and the government's restrictions around large gatherings. However, the health and safety of others is of course paramount, especially when social distancing cannot be compromised.

It is at least reassuring to know that many businesses and production lines have returned to some form of normality; albeit while raising the question: what will a 'new normal' look and feel like in a post-COVID manufacturing environment?

Robot automation with vision systems could be the driving force in this decade

The timing and theme of this issue of *Machinery Update* is particularly prescient as we include our annual automation, robotics and vision systems feature. UK manufacturing can no longer stand still if it is to remain competitive or even safe for everyone. I would argue that there has never been a greater need for capital investment to bring many operations in-line with our European counterparts.

It's always been surprising that robot density remains low in the UK; although it was interesting to read that the number of industry robots sold in the UK peaked in Q1 this year – the largest spike since 2012 (source: BARA). And while there is no correlation between Brexit and the coronavirus, the trend analysis suggests that robot automation is likely to play a key role in the UK's recovery and longer-term business sustainability going forward.

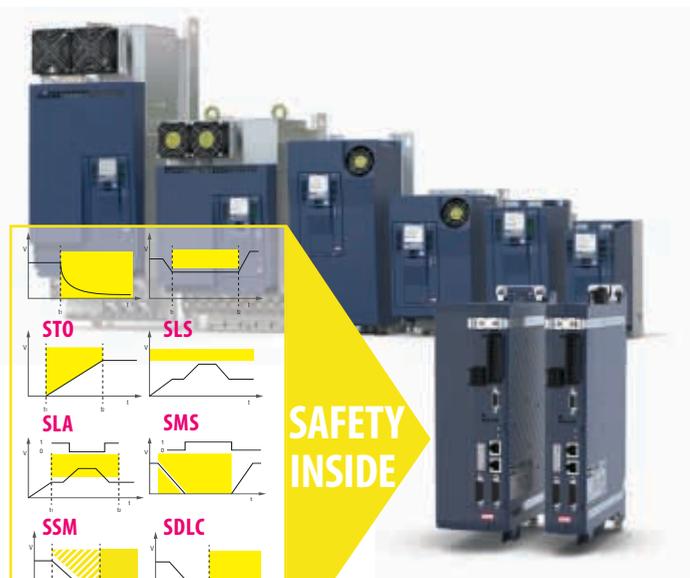
The onset of COVID-19 will evidently force more companies to rethink their strategy around business continuity and how to plan for another pandemic. Health & safety is now driving the change agenda, so could robot automation and vision systems be the answer to social distancing and mitigate any future disruption or even temporary factory closures?

If you look at industrial vision, the sector has come a long way through the advancement of foreign body detection, optical character recognition and has even helped in the battle against COVID-19. The launch of UKIVA's MVC Technology Presentation Hub is testament to this, which is still available to view online. ■

IN THE DRIVE



SENSORLESS SAFETY



**SAFETY
INSIDE**

Safety over
EtherCAT

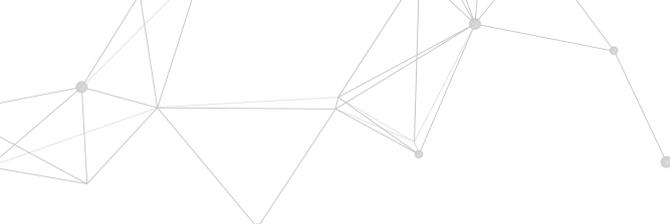
KEB COMBIVERT S6 AND F6 VERSION PRO

- **SAFETY FEATURES**
without Position feedback - highly flexible 0.75 to 400 kW
- **FOR ALL MOTORS – ONE DEVICE**
Inc. ASM, PM, IPM & SRM, with speeds up to 45,000 rpm
- **SAFETY IO ON BOARD**
3 x 2 channel input 2 x 2 channel output
- **SAFETY RELAY**
with positively driven contact

Automation with Drive

www.keb.co.uk

KEB (UK) Ltd. 5 Morris Close Park Farm Industrial Estate Wellingborough NN8 6XF
Tel: 01933 402220 E-Mail: info@keb.co.uk



“Sensors are the most important components of smart machines.”

Dr. Alexander Ohl
Director of Development,
wenglor sensoric

Ready for Industrie 4.0

PNG//smart Sensors - Unique Communication and Performance

- Highly flexible production up to lot 1
- Increase in productivity and efficiency with condition monitoring
- Maximum precision with targeted optics and calibrated switching point



News



UV light air purifier destroys coronavirus in food making sites

The GRU-V food UV light air purifier from JenAct can destroy coronavirus in food manufacturing, processing and packaging facilities.

The wall mounted GRU-V food UV light air purifier system is suitable for use in large food production and processing facilities or where fresh food is stored and handled. It helps to improve indoor air quality and energy efficiency while reducing airborne infection rates. The unit uses ultraviolet germicidal radiation to disable airborne micro-organisms, and reduce bacteria, moulds and viruses in seconds, with no chemicals.

www.jenact.co.uk

This year's PPMA Show is postponed 12 months

Further to the PPMA's detailed conversations with the National Exhibition Centre (NEC), and in the interests of health and safety for all concerned, the trade association has taken the decision to postpone this year's PPMA Show until 2021 (28-30 September).

The PPMA says this decision was not taken lightly as it considered the implications for visitors and exhibitors in respect of everything from social distancing, availability of hotels, travel and the preparation time required. Also, the government has not yet relaxed restrictions regarding mass gatherings, nor has it published any guidelines for staging large scale events such as this when the restrictions are lifted.

All in all, the PPMA felt the risk was too great as the health and well-being of those involved remains



The PPMA Show will not run this year, the first time not staged since 1988

paramount, especially during the COVID-19 pandemic.

Following the exhibition announcement, the PPMA's Show Director Richard Little, said: "It's the first time that we will not be staging our flagship event since the show's inception in 1988, which is really disappointing.

"We have also had to consider that many of our exhibitors and visitors to our shows are categorised by the government as key workers, providing a range of essential engineering

and maintenance services to aid the critical supply of food and pharmaceutical goods.

"On behalf of the PPMA, I would like to take this opportunity to thank all our exhibitors, suppliers, registered visitors, staff members and media partners alike for their continued support during these unprecedented times."

The PPMA Show 2020 website will remain a live information source for exhibitors and visitors.

www.ppmashow.co.uk

Business assurance service for a range of management rules

TÜV SÜD has introduced its business assurance service in the UK to provide management system auditing and certification services for more than 40 management standards, including ISO 9001 (quality management), ISO 14001 (environmental management) and ISO 45001 (occupational health & safety).

As industry standards are becoming an increasingly common prerequisite for tenders within the supply chain, the service provides management system auditing and certification to assess business processes.

www.tuv-sud.co.uk



AN ASEPTIC PET BOTTLE LINE IS OPERATING IN GHANA

Milky drinks for school kids

Ghana's largest fully integrated cocoa processor Niche Cocoa Industry has signed a deal with Sidel to buy equipment to package a ready to drink chocolate milk in support of Ghana's School Feeding Programme, providing 5.6 million pupils with the milk, aseptically packed in 250 ml PET bottles, for 100 school days per year. Read more on page 24.

Help with process needs is available at online event

The International Cheese Awards have gone online and will be hosted by dairy process solution company Sycamore Process Engineering, and its automation partner Auzmate.

The team at Sycamore and Auzmate are offering up one-to-one meetings (in 30 minute slots) on Tuesday 28 July to give cheese and dairy companies the opportunity to ask questions about all of their processing needs, CIPs, pasteurisers and other machine upgrades.

k.burt@sycamore.uk.com

INTRODUCING THE NEW RAPTOR COMBI METAL DETECTOR & CHECKWEIGHER

NEW RAPTOR COMBI



FORTRESS
TECHNOLOGY

sparc
SYSTEMS

THE ONLY SUSTAINABLE INSPECTION
SYSTEMS WHICH SAVE YOU MONEY AND TIME

GUARANTEED.

- METAL DETECTOR
- CHECKWEIGHER
- X-RAY

CALL FOR 7 DAY DELIVERY

T +44 1295 256266

www.fortresstechnology.co.uk

www.sparc-systems.co.uk

News



Engineer at PA Tanya Westenraad

Supporting women in engineering every day...

In honour of the International Women in Engineering Day in June, Packaging Automation (PA) says it likes to think that it is playing its part in demonstrating that the engineering role can be a great rewarding career for women, even though it is still dominated by men.

Tanya Westenraad, for instance, joined the company nineteen years ago as an apprentice and she is now team leader mechanical design engineer. Responsible for the mechanical design of the Rotofill machine, she is the company's pot filling expert. She is now keen to support and mentor new engineering apprentices at PA and encourage other women to consider a career in engineering.

Could this pandemic help the UK to finally automate its factories?

The feature on automation, robotics and

vision systems that starts on page 28 of this issue could not be more prescient as COVID-19 rips through food processing plants that traditionally see lots of humans standing close together to handle foodstuffs in harsh environments.

Pork processors, chicken plants, canning factories, sandwich sites and general meat processors were all hit with the virus in June.

On page 34 of our 30 page feature, you'll find a new robotic meat processing cell that has been designed to suit the specific requirements of the primary meat processing sector. It has been created by CME for orienting and placing meat products such as chicken portions, steaks and burgers



Meat processing has seen many COVID-19 issues

into primary packaging. And all this while achieving the highest hygiene standards combined with lower costs.

We also report on one area that the UK seems to be leading the robotics pack which is in the installation of autonomous mobile robots or AMRs (see page 30) and the adoption of Industry 4.0 delivering technology.

In brief

SUCCESSFUL UKIVA HUB

When the UKIVA had to postpone this year's Machine Vision Conference & Exhibition (MVC) to spring next year, it launched a new Technology Presentation Hub that went live on 14 May. And on the day of its launch, the online event saw over 1,000 presentations viewed and in total, the seminar programme has since been viewed nearly 5,000 times.

"Our speaker programme has always proved popular for those attending previous MVC events, and we wanted to continue to share this industry insight via this new online hub," says Allan Anderson, chairman of the UKIVA.

VIRTUAL PACKFORUM

Issues such as sustainability, reducing food waste, enhancing food security and extending shelf lives topped the agenda at Sealed Air's European Packforum event in June. The 'Power of Vacuum' included presentations and interactive question and answer sessions on the increasingly critical role of vacuum packaging in protecting food.

Delegates heard from Denise Mathieson, senior UK technical packaging manager – fresh and packed quality at Tesco.



The Trusted Metal Conveyor Belt Manufacturer™

Enhanced Hygienic Conveyor Solutions



Flex-Turn® Conveyor



Ladder-Flex™ Conveyor



Straight Conveyor

- NEW open leg frame
- NEW simplified wash through design
- Easy to clean & maintain
- High density blue plastic components

Wire Belt Company Ltd, Castle Road, Eurolink Industrial Centre, Sittingbourne, Kent ME10 3RF

Tel: +44 (0) 1795 421771 | Fax: +44 (0) 1795 428905 | Email: sales@wirebelt.co.uk | www.wirebelt.co.uk

Regulations

Inspecting light guards should not be neglected

Lee Ray

OPERATIONS MANAGER FOR INDUSTRIAL PRODUCTS (UK) AT TÜV SÜD



As the use of electro-sensitive protective equipment (ESPE) increases to provide safe, barrier-free access for machinery end-users, it is only regular testing that can prove its efficacy...

As technology has moved on, the use of electro-sensitive protective equipment (ESPE) has significantly increased. For example, collaborative robots are designed to work alongside human co-workers, performing tasks simultaneously. This means that unlike more traditional machines, they cannot be caged by a physical guarding mechanism. ESPE, such as light guards and laser scanners, are therefore more prevalent than ever before as they provide safe, barrier-free access. However, despite its importance for the safety of machinery end-users, we often visit sites where ESPE inspection and testing is neglected. This is because many machinery owners are unsure how often their equipment should be assessed and believe the original installation will retain the same parameters throughout its entire period of use.

SAFETY SYSTEM DESIGN

IEC 61496 series specifies requirements for the design, construction and testing of ESPE designed specifically to detect persons as part of a safety-related system, employing active opto-electronic protective devices (AOPDs) for the sensing function. This is then used in conjunction with ISO 13855 to determine the correct installation location for the light guard, to prevent a person contacting a hazardous moving part of the equipment.

This should be verified after installation. However, there are no specific references to how often these systems should be inspected to ensure that they continue to provide the same level of protection.

The Health and Safety Executive's HSG180 guide (Application of electro-sensitive protective equipment using light curtains and light beam devices to machinery) helps machinery end-users to answer this question of timings. Concerning ESPE and AOPDs that are used to protect people from hazardous parts of machinery, the guide covers installation, use, inspection and also testing.

its condition in use and deterioration would lead to a significant risk to the operator or other worker."

Inspection and tests must first be done when the complete ESPE and machine package is installed, and thereafter when modification or repairs have been made. In addition, periodic inspections should be completed. HSG180 defines the recommended maximum period between each periodic inspection and test as being six months for type 4 ESPE and 12 months for type 2 ESPE. However, this is still quite subjective as the guidance then says that the frequency of

This should help the end-user to develop a robust inspection and set an initial test regime frequency. The guide also requires that the initial inspection and test is carried out by competent persons, such as an in-house inspector, the installer or supplier, or an independent assessor.

RECORD THE WORK

The results of any inspections must also be recorded. The HSG180 guide also helps the inspector to ensure that the inspection and test process achieves a good general standard of performance. For example, it should not be possible for the dangerous parts of the machine to be set in operation while any part of a person is in such a position as to actuate the AOPD.

We have seen multiple instances where the need for light guard testing has not been realised. While functional safety checks are recognised as good practice, they are no substitute for the required periodic testing. The stop time test, performed as part of the periodic test, would detect any deteriorating system parts which no longer offer the required protection. This is something that usually cannot be seen, like in fixed guarding, and therefore can only be proven by testing.

Any system deterioration cannot generally be seen, and so testing is vital to prove safety

HSG180 refers to Regulation 6 of the Provision and Use of Work Equipment Regulations 1998 (PUWER). This covers the extent and nature of inspections, to help ensure that the appropriate systematic checks are done. HSG180 states that: "inspection and testing is only required under Regulation 6 where the safe operation is: critically dependent on work equipment being properly installed or reinstalled and failure to carry this out would lead to a significant risk and where the safe operation is critically dependent on

inspections ultimately depends on the equipment that the ESPE is fitted to and the risk as a whole. TÜV SÜD would always follow the recommendation provided by the HSE in the first instance until a testing plan can be provided. This would depend on the equipment it is installed on, the frequency of use and the environment it is operating in.

The good news for machinery end-users is that HSG180 requires the machine and the ESPE supplier to supply information relating to routine maintenance and inspection requirements.

I For more information contact www.tuv-sud.co.uk
TÜV SÜD is the PPMA Group's technical and legislative partner

Simplified Design... Vast Benefits

A new high-speed
Continuous Motion VFFS
bagger designed to meet
the demanding hygienic
and sanitary requirements
of wet environments.

- Hygienic features, sloped cabinet, stand-off modules
- Ergonomic & easy to operate, intuitive HMI, on-screen assistance
- Simple format changes – easy film threading, recipe driven settings
- Easy to clean & maintain – closed module design, IP65 washdown, low machine height
- Class-leading connectivity – remote support

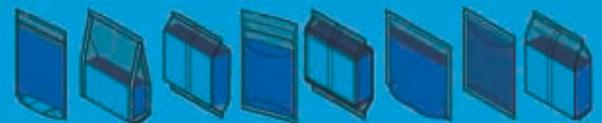


CM Verus

*New to
the VERUS
VFFS family*



IM Verus



Verus Vertical Form Fill Seal Baggers

Intermittent Motion Verus

- Designed for harsh & wet or dry environments
- Strip & re-sealable zipper
- Robust sanitary design in stainless steel with IP65 electrical cabinet and HMI enclosure
- Intermittent motion with precise film cutting
- Rockwell AB control system

Hayssen | Rose Forgrove | Sandiacre | Schib | Simionato | Symach | Thiele

Schedule in-person or virtual tours of Nottingham facility
Tel: 0044 1159 6787871 | www.bwflexiblesystems.com

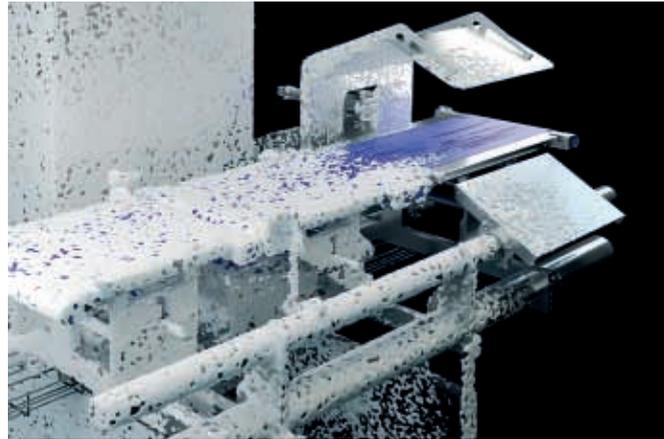
 **BW Flexible System**
Barry-Wehmiller Packaging Company

New Machinery

Washdown check weighing units minimise bacterial contaminants

Mettler-Toledo's new washdown check weighing series minimises bacterial contamination risks in food manufacturing. These washdown resistant checkweighers withstand the most rigorous cleaning procedures in food production, ensuring weighing accuracy and upholding the highest hygiene standards.

The new equipment series is specifically designed for use in applications which require stringent cleaning processes that use caustic cleaning agents to combat bacterial contamination risks, without compromising their weighing accuracy. Applications such as meat, fish and seafood processing. Dairy products, baked goods and ready meals are also highly suited as, during the food production processes, liquid product ingredients could spill over and contaminate conveyor belts, or other parts of the machinery, which have direct or indirect contact with the product.



The new checkweighers can withstand the most rigorous cleaning procedures

The checkweighers feature sloped surfaces to discourage liquid and debris collection, avoiding potential bacterial contamination risks, while conveyor belts can be removed quickly and easily for efficient cleaning. The series also features an open frame design with only four feet on the floor, which provides easy access for washdown purposes.

These systems are IP69 tested and are resistant to most caustic detergents and disinfectants

in line with the ECOLAB Material Compatibility Test. This includes the touchscreens, which do not need to be removed or covered during cleaning procedures, resulting in reduced downtime for regular cleaning processes on a line.

"In the food production industry, there is nothing more crucial than keeping consumers safe from contamination – bacterial or otherwise," says Jürgen Kress, general manager at

Mettler-Toledo Garvens. "It is extremely important that production equipment is able to stand up to the rigorous cleaning routines required to maintain an hygienic environment without sacrificing accuracy."

The series includes the C33 PlusLine washdown checkweigher which offers robust performance, while the C35 AdvancedLine version offers precision and versatility.

A combination of reliable weighing accuracy with rugged machine design, the C33 PlusLine delivers high precision weighing in harsh environments. If needed, cleaning with the parts in place is possible in most set-ups, while the flip-up design of the conveyors allows easy access to all critical areas for cleaning routines.

The C35 delivers precise weighing results on a stable weighing platform resistant to high-pressure washdown and most caustic detergents.

T 0116 235 7070

W www.mt.com/cw-washdown

Lantech[®]
Packaging Machines & Service

Lantech modular case erector capable of up to 25 erected cases per minute

- All new erector pick up frame
- Ergonomic magazine for easy filling of case blanks
- Small footprint
- Easy size change from one format to another
- Supplied as a hot melt glue option or adhesive tape
- Colour operator touch screen panel
- Can be a stand-alone machine or integrated into other machinery
- Installed and commissioned with after sales support
- Linear style case erector

CI 1000/CI 2000
case erector
from Lantech



A.M.J. MATERS
Packaging and palletising systems

17 Elizabeth Court, St Neots, Cambridgeshire, PE19 8PF

T: 01480 382739 M: 07764 772965 E: andrew@maters.co.uk www.maters.co.uk

Mixers can grow with all food business need

For growing food production firms looking to add scalability to their business, Winkworth has launched a new compact mixer based on a ribbon blender concept, known as the UTS.

The UTS provides growing businesses with an affordable mixer solution, working on the premise that low cost does not have to mean low quality.

Available in either a 100 litre or 240 litre capacity, and with short lead times, the competitively-priced

UTS operates from a simple, single phase supply to provide a food-grade, hand-loading and hand-discharge, versatile solution. Easy to maintain and with low running costs, Winkworth has added a 5-year mechanical warranty as part of the deal, which the company believes makes the complete package an attractive option for those looking to upscale their output.

“While starting your own food production business is tough, we are confident this is an ideal solution for new food producers to add scalability to their growth,” explains Winkworth’s md Grant Jamieson. “We’re offering low cost



The UTS is a compact new mixer designed as an entry level option

machinery together with the unrivalled benefit of our manufacturing expertise, including our Mixing Test Centre and mixer hire if required.

“The addition of a 5-year warranty should be a key selling point here, as businesses look for added-value in their investments,” he says. “From producing products in an industrial kitchen to a sizeable factory premises in the future, Winkworth can supply food companies with the right mixer or blender for the job and the budget.”

T 01256 305600
W www.mixer.co.uk

Changeovers are quick and easy between products handled on sleeving equipment

ixapack Global is offering two compact ranges for high-speed sleeving with either top or bottom gluing. The top load



The sleeving equipment is designed for versatility

and IS sleeving machines are suitable for many tray types and products including cans, pots and glass jars.

The top load sleeving machine allows a single product or a batch to be handled at up to 220 sleeves a minute. It places products in 1, 2 or 3 layers on a sleeve, with top gluing. Its tripod robot also delivers fully automated format changeovers.

Meanwhile, the IS sleeving machine enables a sleeve to be placed onto a product, like trays, before bottom gluing at up to 150 sleeves a minute.

T 00 33 5498 20580
W www.ixapack.com

MARTEK

United Barcode Systems

High-resolution Inkjet



1 litre of ink or 350Kg of labels?

A single litre of UBS ink typically replaces 350Kg of outer case labels of which, 145Kg is backing paper. Printing directly eliminates waste, reduces haulage carbon and costs 4 to 5 times less than labelling.



UBS High-Resolution Inkjet Printers

Porous and non-porous surfaces

Up to 140mm print height

Up to 4 heads per controller

martekindustries.co.uk

01543 502202

sales@martekindustries.co.uk

New Machinery

New application head for hot melt adhesives is a fast, compact option

capcoder

UK MANUFACTURED PACKAGING MACHINERY EXCELLENCE

Turnkey solutions – Filling, Capping, Labelling – Automation – Bespoke, special purpose design

Pharmaceutical – Food and Beverage – Chemical – Aromatherapy – Medical –
Diagnostics – Industrial – Ecig – Adhesives

- ▶ Fully modular machinery
- ▶ Clean room ready
- ▶ Latest interface technology
- ▶ Full after-care service

Robatech says its new jetting head is one of the fastest and most compact application heads on the market for high-precision hot melt adhesive applications. With up to 800 switching cycles per second, the SpeedStar Compact enables very small bead and dot application for particularly demanding and clean gluing applications at high production speeds. Robatech has integrated an automatic stroke adjustment to ensure that the electromechanical jetting head can maintain the precision in adhesive application over the entire service life of approximately 500 million operating cycles.



The SpeedStar Compact offers gains

Manual readjustments are no longer necessary, and maintenance-related interruptions are also reduced.

Compared to its predecessor, the SpeedStar Diamond, the new electric head has been technically optimised in terms of hardware and is, therefore, more durable. As the electronic unit is detached from the head, the Compact version is also 46 mm smaller. Also, the higher protection class IP55 allows better use in wet areas.

SpeedStar Compact is now available as a single- and multi-head in a short or a long version.

T 01268 490035

W www.robatech.com

To discover more about the machines that could transform your company please visit:

www.capcoder.com

Tel: 01865 891466 Email: sales@capcoder.com



e-Commerce packaging lines can handle paper and plastics

Hugo Beck has launched two new machines specifically designed to meet the demands of e-Commerce packaging that are now available in the UK through Yorkshire Packaging Systems (YPS).

The top of the range PB 800 E-Com can pack products in either paper or plastic film, delivering the flexibility and choice in sustainable packaging styles and substrates – all from one machine.

Automatically adapting the bag size to the dimensions of the product, the new PB 800 E-Com is Hugo Beck's most flexible and efficient machine, packing goods of up to 800 mm width by 200 mm height and 700 mm length. Both uncoated and coated paper can be used for producing bags with two glued or sewn sides plus a top overlap. When using film, the patented tight bag packaging ensures there is a minimum excess with only as much film being used as is needed.

"These exceptional



The flexo 600 E-Com is for film

e-Commerce systems offer the versatility required by this fast-paced and expanding sector as it responds to customer demands for pack integrity, data security and speed, as well as the wider global calls for sustainable and recyclable packaging materials," explains Glyn Johnson, managing director at YPS. "Any e-retailer equipped with the E-COM range can respond swiftly and easily to a variety of contracts or product lines, thereby future-proofing their operation for years to come.

One paper pack design

"At YPS, we can complement Hugo Beck's ground-breaking machines with both recyclable plastic film and recyclable paper flexibles for a total solution that's ideal for any online retailer," he tells *Machinery Update*.

Alongside the PB 800 E-Com machine, and for those who are looking to pack with film only, the new flexo 600 E-Com machine packs e-Commerce goods to the highest standards, minimising

film use and maximising results both with and without shrinking of the film bags. Designed to process products with a width of up to 600 mm and a height of 300 mm, a quick changeover adjusts between product batches or, as an option, the machine can automatically adapt to changes in a product's length, height or width.

Speed and flexibility are key to the design of both machines and as they are connectable to customer's ERP or control systems, both machines can also be easily integrated within a production line. Additional options include the ability to add an easy-opening perforation to the packaging as well as inserting a double-sided adhesive tape for resealing a bag for returns. An integrated scanner with a controller for product detection and creation of a shipping label can also be included on the line for additional capability.

T 01924 441355

W www.yps.co.uk



ALL PRESENT AND CORRECT



On-line label and data verification with full MRP integration.



01234 851515
www.dimaco.co.uk

New Machinery

New vertical form, fill & seal unit is in continuous motion

BW Flexible Systems is introducing the latest in its growing family of Verus vertical form, fill, and seal VFFS baggers with the continuous motion (CM) version that is designed as an ergonomic and intuitive machine.

Following the success of the intermittent motion Verus introduced a couple of years ago, the company says this new CM Verus provides a VFFS solution that leverages its proven technology while incorporating the best features of its Sandiacre, Simionato, and Hayssen equipment brands.

The CM Verus features a frame built to provide quick and easy access to vital components. As a result, the machine is easy to clean and maintain, to ensure that it meets today's hygienic requirements; a characteristic that BW Flexible Systems understands is important to the market.

"We believe the CM Verus's hygienic design and robust



The design of the Verus CM offers a range of benefits for frozen proteins

operational capabilities will make it a compelling packaging solution in the individual quick frozen (IQF) foods, cheese, and produce markets," says Ian Bickerdike, commercial director EMEA at the company.

"Given the environmental operating requirements for IQF foods – especially IQF

proteins – where conditions are increasingly wet and production needs to run twenty-four hours a day, seven days a week, we're eager to bring the CM Verus to the frozen foods market," he says.

The CM Verus also employs a new intuitive Human Machine Interface (HMI) that will feature programs to assist in training, troubleshooting and provide comprehensive performance management for operators.

The new bagger's ergonomic design includes a simplified film-threading path combined with its user-friendly HMI features, to enable faster changeovers between different packaging formats, product SKUs and materials. And staying true to its Verus heritage,

the CM Verus can seal a wide range of film structures, including recyclable films, and can create an extensive variety of bag formats.

BW Flexible Systems offers several ways for interested customers to learn more about the CM Verus, as well as their other packaging solutions. These are scheduled in-person visits to the newly expanded Technical Centre for Excellence in Nottingham, Live virtual tours of the facility and equipment, and a Virtual Packaging Solutions Event that is accessible 24/7. The CM Verus is featured in the Food: Fresh & Frozen Exhibit Hall.

All visits to the Technical Centre for Excellence in Nottingham adhere to strict social distancing and hygienic guidelines to ensure the health and safety of all involved.

To gain access to the Virtual Exhibit Hall, look for the link on the BW Flexible Systems' home page.

T 0115 967 8787

W www.bwflexiblesystems.com

Engineers from across the food manufacturing industry are benefiting from remote multihead weigher services

During COVID-19, Abstract Sourcing and Trading has been assisting its customers using Multiweigh equipment remotely via VPN routers and cameras. This help has mainly seen site engineers and machine operators being trained remotely while any site visits are not possible.

"Although our multihead weighers are extremely reliable, it is important that site engineers and operators are fully trained in machine setup and maintenance

in order to get the best performance from our multihead weighers," explains Wilson Deyermond, managing director of Abstract Sourcing and Trading. "Using our VPN system combined with online meeting tools has allowed us to train remotely and we can also remotely operate the weigher and see the results instantly."

Although these services were available before lockdown, the use of the system has increased during

the pandemic and Deyermond believes more customers will now want this option when purchasing new multihead weighers. "Customers have liked the fact that there is no need to wait for a site visit as training and machine setup assistance can be provided instantly," Deyermond tells *Machinery Update*.

T 07730 656691

W www.multiweighuk.com

The ultra-hygienic salad leaf weigher



Weighing and product inspection solutions

Our comprehensive product portfolio for the food industry



Weighing components

Foreign body detection &
Checkweighing



Weighing



New Machinery

Combination inspection offers flexible operating parameters

Fortress Technology, in collaboration with Sparc Systems, has unveiled its first ever modular combination metal detector and check weighing conveyor system. Featuring a single swipe touchscreen HMI and paperless audit software with unlimited pre-programmed Codes of Practice (CoP), the robust Raptor captures all the data required to guarantee food product traceability.

Due to be unveiled at interpack in May, the Raptor Combi is the first flexible, fast and affordable fully integrated checkweigher and metal detector from Fortress. Designed for high care confectionery, chocolate, bakery, nutritional bars, packaged meats, cheeses and ready meals, including contract manufacturers supplying multiple retailers, it overcomes several limitations. Notably, the ability to accurately inspect and check the weight of larger size products and pack formats – up to 8 kg and measuring 300 mm by 400 mm.



The new combination metal detector and checkweighing conveyor system

Answering calls from food factories for a more flexible, hygienic and user-friendly combination inspection solution, Fortress says the Raptor Combi is the first truly modular system of its kind. Special common fixings and connection features, such as jigsaw style panels at the metal detector infeed and checkweigher outfeed, give manufacturers the option to rotate the equipment around their sites to suit a specific production layout, while maintaining the metal

detection and check weighing sequence.

Additionally, Raptor's universal design gives manufacturers the option to purchase a standalone Raptor checkweigher and attach a metal detector later to meet different phases of their production and inspection investment strategy.

"Both elements of this Raptor system uses compatible collective parts, even when there's a bespoke element," explains Fortress md Phil Brown. "This means that

we can confidently give the assurance of fast delivery - typically six weeks - at the best price-performance ratio."

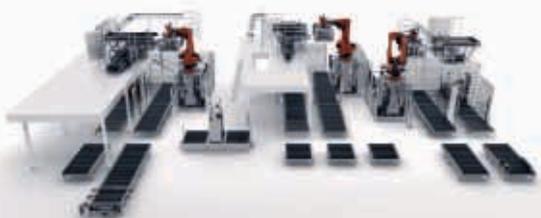
Given that most food manufacturers supply multiple retailers, the Raptor introduces a brand new and failsafe, paperless, fully auditable CoP test routine. Rather than relying on operatives to schedule, perform, document and submit inspection performance checks, the Raptor pre-configures every test by retailer and product being inspected and alerts and QA managers each time a test is overdue.

Inspecting up to 150 packs per minute, the Raptor checkweigher is a high-end system that calculates Average Finished Weight Variance. It is approved to both OIML and MID (EC TAC) specifications. While to detect the smallest metal particles, a Stealth metal detector is integrated into the new inline system.

T 01295 256266

W www.fortresstechnology.co.uk

ADPAK 30 YEARS IN BUSINESS
PACKAGING SYSTEMS & FILMS
www.adpak.co.uk



Let Adpak Provide your Perfect Automatic Processing Solution

We can offer a vast range of products & technical solutions across many market sectors, we provide our customers with access to new technology and the highest technical standards.

- Robot Palletising
- Stretch Wrapping
- Case Packing
- Stretch Hooding
- Turnkey Solutions
- Vertical Bagging
- Bespoke Manufacture
- Optimised Industrial Processing

Smaller is beautiful for the latest compact pharma label applicator

Travtec has added a second model to its TinyTampino range to offer a cost-effective offline solution for the application of tamper-evident labels to the smallest of pharmaceutical packs.

In operation, the new TinyTampino Micro can apply label seals from 12 – 16 mm wide to cartons down to 24 mm in width at speeds of up to 20 labels per minute. The easy to set up and operate machine can be placed on any desk or benchtop and is ideal for short runs, re-work and parallel importers, ensuring a consistent quality seal while providing the levels of security required for all pharmaceutical products.



The benchtop Micro model is flexible

The TinyTampino Micro will enable small size pharmaceutical packs to meet the regulations of the European Falsified Medicines Directive (FMD) as well as offering an effective security packing solution for other high value products.

As well as being suitable for small volume operations and trial runs, the two compact models can operate as effective back-up machines to enable packing to continue in the event of an unplanned line stoppage.

T 01942 677664

W www.travtec.co.uk



cap coder

UK MANUFACTURED PACKAGING MACHINERY EXCELLENCE

- Turnkey solutions • Filling • Capping • Labelling
- Automation • Bespoke, special purpose design
- Pharmaceutical • Food and Beverage • Chemical
- Aromatherapy • Medical • Diagnostics • Ecig • Adhesives

To discover more about the machines that could transform your company please visit:

www.capcoder.com

Tel: 01865 891466 Email: sales@capcoder.com



Installation News



New unit is an efficient option

Delivering a range of sealing gains

A customer of Packaging Automation (PA) for four years, J.O. Sims turned to the tray sealing company again when it needed higher speed lines as part of a complete factory rejig when facing rapid growth in its business. The stone fruit company needed to find a solution that could maximise the grading and linear weighing machines to give optimum pack house capacity and efficiency.

PA has supplied a Revolution heat sealer to match the existing equipment on site and has also upgraded all the older onsite machinery to the new specification. This included soft seal and auto tension to completely deskill the operating process, to deliver maximum results for the site.

PA has ensured commonality across all new and existing tooling to avoid any additional costs and also double-checked the existing film layouts so that they worked with the new tooling.

The constantly fed Revolution machine means J.O. Sims is now achieving steady, consistent speeds, rather than stop start feeding which was the previous method.

This work has resulted in an up lift of about 30% from each machine which in turn, reduces the cost per unit and delivers greater competitiveness for the customer.

T 01565 755000
W www.pal.co.uk

Flexible and compact line keeps drinks bottles safer

A line from Schubert Robotics (Shanghai) has been developed to handle glass bottles containing functional drinks while also ensuring they stay safe, secure and undamaged when shipped.

For the urgently needed expansion of automation in production, Taiwanese company TCI opted for a flexible and compact packaging line from Schubert. This is the first time that a new type of packaging that is designed to be completely breakproof, has been used for these sensitive products.

The company's focus was on the highest quality and outstanding process speed of the new automated production line. In addition to the flexibility of the new line, the company also stipulated that the products should be handled very gently so that the refined glass surfaces would not be scratched or otherwise damaged during the packaging process. Additionally, the packaging had to be



TCI relies on elegant packaging design to convey the quality of its drinks range

break-proof for shipping.

The functions of the new Schubert line comprise erecting the cartons, inserting plastic trays (below and above the bottles), pre-grouping the bottles, and filling and closing the cartons. The packer does all of this efficiently and in a compact space. Transmoduls can be loaded with a wide variety of different products using individually manufactured

format attachments, so that a wide range of different formats can be packed on the same machine. At TCI, the line currently packs two different bottle sizes (50 ml and 750 ml).

This story first appeared in our June e-Bulletin and you can find the full story here: <https://www.pppma.co.uk/machinery-update/bulletins/june-2020.html>

T 01676 525825

W www.schubert-uk.co.uk

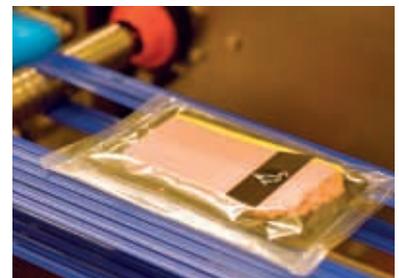
A 100% seal inspection system for pâtés is delivering quality and production insights

De Spiegeleire, a Belgian producer of pâtés, has implemented the SealScope seal inspection system from Engilico on its Omori flow wrapper to eliminate any open or leaking packs of its fresh product.

To give consumer pâtés a longer shelf life, they are individually packed in a resealable flow pack under modified atmosphere conditions, and so any leaks can lead to discolouration of the product and faster spoiling.

The SealScope system is based on sensors mounted on the sealing bars of the packaging machine that measure the distance or vibration when closing the sealing bar on every pack.

This non-destructive seal inspection system also means that the contents of any rejected packs, can be repackaged. "The choice of SealScope is perfectly in line with our quality policy," explains David

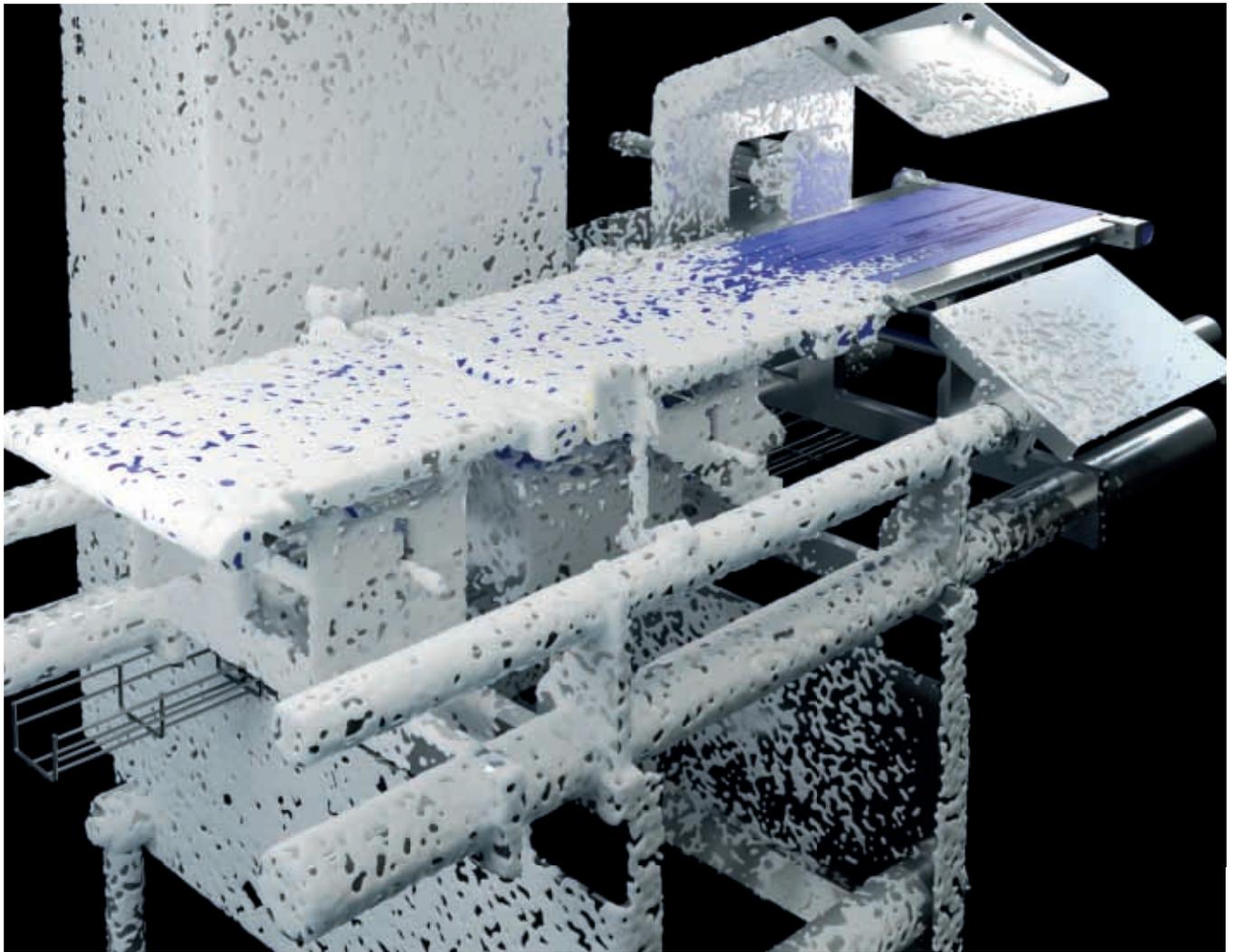


SealScope is based on the use of sensors

De Spiegeleire, managing director of the food company.

T 00 32 16 498 130

W www.engilico.com



Precise. Resilient. Hygienic.

New Washdown Checkweighers for Harsh Environments

Mettler-Toledo Product Inspection has designed a new series of washdown resistant checkweighers for precision weighing of food and beverage applications in harsh production environments.

The free eGuide: "7 Points to Understand Hygienic Principles" explains how weighing accuracy should not be compromised even in environments that require stringent cleaning processes including those that use caustic cleaning agents to combat bacterial contamination risks.

Discover more: ► www.mt.com/cw-hygenicdesign-guide

METTLER **TOLEDO**



Installation News



Payback has been very quick

Semi-automated packing station is bringing benefits

Fruit marketing and distribution company Worldwide Fruit boosted its capacity to load flow wrapped apples into crates while maintaining product integrity after installing an ergonomically designed semi-automated PakStation at its Spalding facility. In fact, the resulting productivity benefits has seen the distributor put in another order for a second machine to load a more varied range of its fruit.

The company replaced its crate loading soft touch roller belt system for a Brillopak semi-automated PakStation to increase capacity but also strengthen the overall flow of the process by eliminating bottlenecks. The machine relieves these issues and enables more throughput with fewer line stoppages, increasing OEE on the packing line.

T 01622 872907

W www.brillopak.co.uk

Bespoke thermoformer gives reliable efficiency

Multivac UK supplied a bespoke thermoforming solution for JCS Fish last year that has optimised the factory floor space required to handle its salmon portions more efficiently.

The new packaging machine has successfully allowed JCS Fish to produce consistent, premium salmon portions in a flexible vacuum packaging solution. The machine provided the business with the ability to achieve high production outputs without any compromise to the pack quality or presentation.

Replacing its previous process because of several reliability issues and patchy engineering and spare parts support, the company required a new packaging machine that would help to increase the reliability and efficiency of its process.

The business was looking for a machine to increase efficiency and production as well as having a small footprint to help optimise factory floor space which



The R 215 thermoformer from Multivac in operation at JCS Fish in Grimsby

is why the R 215 thermoformer was purchased.

Multivac worked closely with an engineer from JCS Fish to reduce the overall frame length of the thermoformer, with Multivac's HQ in Germany creating a bespoke incline discharge solution designed specifically for JCS Fish.

As with any Multivac thermoformer, the R 215 is designed to be robust and durable with its stainless steel construction and proprietary Hygienic Design allowing

for maximum hygiene and easy cleaning.

Another key benefit for JCS Fish since the installation has been the support provided by the UK's technical service department. JCS Fish can access the support of over 55 technical service technicians and a Technical Help Desk on speed dial to quickly diagnose and rectify any issues to ensure production efficiency.

T 01793 425800

W www.multivac.co.uk

Packline Materials Handling

www.packline.co.uk

- Bespoke Design
- Compact and Manoeuvrable
- Interchangeable Attachments
- Stainless Steel Construction
- Lifting Capacity up to 300kg
- Handle Reels of Film or Foil, Drums and Barrels



Controlling static is key to success

Meech International has helped many companies throughout the world tackle static issues.

One such company is Berry Global in the US, which produces plastics consumer packaging, non-woven specialty materials and engineered materials. After experiencing static charge build up within its injection moulding process, which caused painful electric shocks to its workers, Berry Global enlisted Meech to address the problem. The installation of two Hyperion static bars eliminated the static issue, and greatly improved the company's health and safety processes.

Meanwhile, a major producer of biaxially orientated polypropylene (BOPP) film applications, Cumbria-based Innovia Films looked to Meech's long range blowers to remove static from the BOPP film as it winds on the slitter-rewinder system. Static on the rolls of film could have



Innovia Films has adopted blowers to remove static from BOPP films

proven hazardous during processing and Innovia had noticed that the film was not laying smoothly onto the reel, resulting in ribbing and other effects on its surface.

The blowers have ensured that Innovia Films is no longer encountering these issues, preventing downtime and also excess wastage.

T 01993 706700
W www.meech.com

Pallet stacking robot keeps ice cream maker on track

The RM Group delivered an ABB stacking robot to Marshfield Farm to remove the arduous task of manually stacking pallets for its staff, enabling these end-of-line workers to move to other areas of the ice cream production process.

This system includes an IRB 660 robot with a handling capacity of 250 kg in a very compact palletising area. The RM programming team integrated the robot into an existing system which

allowed the dairy to keep within budget. Marshfield owner Will Hawking is delighted with the installation and the remote way that the robot has smoothed out initial setup issues.

"After learning how to run the equipment, the robot now runs smoothly all day, every day," he says. It is handling thousands of boxes per day across different pack sizes and pallet configurations.

T 01686 621704
W www.rmgrouppuk.com

IMPROVE FOOD PRODUCTION LINE EFFICIENCY

High pressure washdowns

SKF Food Line hygienically designed bearing unit



High Humidity

SKF Food Line stainless steel deep groove ball bearing with solid oil



High shock loads

SKF Stainless steel Food Line bearing units



0800 8766 441



enquiries@acorn-ind.co.uk



www.acorn-ind.co.uk

SKF

acorn[®]
industrial services limited

Authorized
Distributor

Installation News

Serving the school kids of Ghana

Niche Cocoa Industry, Ghana's largest fully integrated cocoa processor, has signed a deal with Sidel to advance into previously uncharted territory: beverage production. The company is planning to support Ghana's School Feeding Programme by providing 5.6 million pupils with ready-to-drink (RTD) chocolate milk, aseptically packaged in 250 ml PET bottles, for 100 school days per year.

Thanks to a loan from the Dutch entrepreneurial development bank FMO last year, Niche Cocoa was able to purchase manufacturing equipment from Sidel which will allow the production of chocolate drinks. "Thanks to the FMO's loan, we are getting ready to produce and bottle shelf-stable, fortified chocolate milk in PET for Ghanaian school children," says Edmund A. Poku, the company's md. "With this programme, we want to provide a healthy, nutritional alternative to our people."

LOW SPEED OPTION

Niche Cocoa opted for a low-speed (16,000 bottles per hour) aseptic PET complete solution, which integrates Tetra Pak processing systems and the Sidel Aseptic Combi Predis with dry preform and cap sterilisation systems, two units of Gebo OptiDry, a sleeve labeller, a VersaFilm Access shrink wrapping system, and a stretch wrapper. Also, Sidel's EIT (Efficiency Improvement Tool), a data acquisition and plant intelligence system supporting beverage companies in decreasing unplanned downtime, reducing waste and costs has been supplied.

For its RTD chocolate milk, Niche opted for a sleek, transparent, 250 ml PET bottle, enhanced by wavy ribs that gently envelop the body of the container and both the bottle's structure and weight (15 g) have been optimised for an ideal drinking experience.

T 01707 292820

W www.sidel.com

Quality of luxury teas is delivered by inspections

An Ishida x-ray inspection system is enabling one of France's leading suppliers of luxury teas to satisfy the high quality and safety standards it demands. The Ishida IX model was one of the first x-ray inspection systems to be installed in France and is continuing to deliver consistently reliable performance.

Herbapac had originally used a metal detector to identify any potential foreign bodies in its teas. However, to meet the particular stringent monitoring standards of Japan, one of the many countries to which the company exports its products, the company decided to switch to x-ray technology. This move also satisfies the quality requirements of its high-end customer base.

The Ishida IX is being used to inspect bulk teas at a rate of 25 to 75 kg per hour, which are subsequently packed into boxes or bags. At the start of each production run, the machine is set up



Herbapac's manufacturing site director is fully satisfied with the new detector

by passing calibration test pieces of metal, rubber and glass through the system. Any foreign bodies are then detected by measuring the density of the inspected tea products.

An x-ray beam is projected onto a line sensor. As the product passes through the x-ray beam, only the residual energy reaches the sensor. Measurement of the difference in the absorption level of the x-ray energy between

the product and a foreign body enables the foreign body to be detected.

"We are fully satisfied with this detection system that secures our production," explains Fanny Husselstein, director of the Herbapac manufacturing site. "It is easy to use and also to clean, thanks to its ability to be disassembled and reassembled without tools."

T 0121 607 7700

W www.ishidaeurope.com

'Fit and forget' actuators are low upkeep option for bread

David Wood Foods produces in excess of 420,000 loaves of bread a week, operating 24/7, 364 days of the year at its Newport site and actuators are an essential element of this production line.

The company uses HepcoMotion's DLS4 belt driven actuator system which comprises belt-driven linear modules, an AC motor/inverter package and a range of compact planetary gearboxes for use with servomotors. A total of 10 x DLS4s are

used in three key areas of the production line. Two are used to push the loaves into the oven, four are used as an infeed and outfeed in the cooler, and the final four are used in the packaging area to assist with packing the loaves into the delivery baskets.

Hepco says the DLS4 is a reliable, low maintenance solution offering trouble-free operation from proven V guide technology.

T 01884 243400

W www.hepcotion.com



The HepcoMotion system is reliable



Masterfil®

Filling machinery for hand sanitizers, cleaning chemicals and personal hygiene products

- ATEX compliant
- Solutions for 50ml to 1000L containers
- Full certification provided for your peace of mind

Find out more about our full range of packaging machinery:
www.masterfil.com +44 (0)1444 472300 info@masterfil.com



- Stainless steel conveyor systems
- Standalone units or fully integrated
- Robotic and end of line equipment
- Bespoke engineering capabilities
- Turnkey and standalone solutions
- Integration and project management
- Service support and upgrades
- Partnered with Lita Palletising Systems for over 30 years



www.kensal.com | sales@kensal.com | tel: +44 (0) 1 582 425 777
Kensal Handling Systems Ltd, Kensal House, President Way, Luton, LU2 9NR

Installation News



Customers can recycle at home

Thermal insulating packaging is helping online foods retailer

Antalis has supplied a plastic-free transit packaging option to a retailer of Spanish foods to reduce overall environmental impact. The key criteria was that it had to ensure temperature consistency for at least 24 hours, the maximum journey time from warehouse to customer.

The solution includes WrapPak Protector, an on-demand solution by Ranpack that converts multi-layered paper into box lining, wrapping, thermal insulation and block and bracing; FiliPak TT, a table-top converter that transforms single-layered Kraft paper into void fill on demand, and Kraft paper tape that offers humidity protection and is recyclable with the carton.

A 25% cost saving on previously used packaging materials was also delivered.

T 01530 505099

W www.antalispackaging solutions.co.uk

Mixing cosmetic powders is now a high speed affair

A British designed and built horizontal Delta Blade mixer (HDBM) from Boone Mixers has helped contract cosmetics manufacturer Surefil to produce a range of powder products, mixing pigment into a very light powder within an ATEX Zone 22 area, while achieving a 75% reduction in mixing time compared to pre-project estimates.

Surefil's R&D laboratories develop new cosmetic products from the ground up, each formulation being individually crafted for each customer, and its range includes lipsticks, powder compacts, eyeshadows and nail varnish, with ATEX Zone 1 required for nail varnish and eau de toilette production.

For its new development, senior factory manager Matt Waring wanted the reassurance of well-engineered, fully ATEX-approved mixing equipment. "We were keen to buy British, and we were able to test the product at Boone's factory on its test rig so we

were confident that we could scale it up, and it was very price competitive too," he says.

The HDBM Model 1250 supplied to Surefil has a working capacity of 1100 litres and is modified to work within the Zone 22 parameters and the HDBM's 'short and tall' mixing shell along with the special 'delta' shape of the high-speed, high attrition mixing elements rapidly disperses a small percentage of pre-milled pigment into the absorbent bulk material. The HDBM is easy to clean, requiring only a single, short clean down at the end of each production day.



If a second line is needed: we'll definitely contact Boone

Compared to pre-project estimates, the Boone HDBM has completely exceeded expectations, allowing Surefil to operate as much as four times faster than expected.

T 01260 272894

W www.jrboone.com

Paper X – High speed machinery for paper and film

- ✓ Ultimate flexibility and versatility to run paper or plastic films without the need to change parts
- ✓ Future-proof your operation whatever the trends
- ✓ High speed wrapping solution
- ✓ Remote diagnostic support
- ✓ Included service contract
- ✓ A range of compatible materials are available from YPS – all 100% recyclable



T: +44(0)1924 441355

E: enquiries@yps.co.uk

www.yps.co.uk

END TO END AUTOMATION SOLUTIONS

As an experienced manufacturer of Automation solutions,
MULTIVAC can provide the complete line solution from one source.

Labour **reduction.**

Find out about our competitive
finance options

PRODUCT LOADING

CONVERGING

CASE PACKING

PALLETIZING



James Bedford:
Systems Product Manager

Tel: 07885 647080
www.multivac.co.uk

 **MULTIVAC**
BETTER PACKAGING



Easy palletising - a collaborative robot solution

The standardised palletising cell from FlexLink is compact, quick to install and easy to configure. Operators can work safely side-by-side with the collaborative robot, without the need for a fence or cage. A tablet application allows you to create a palletising pattern in just a few minutes, using the intuitive drag-and-drop interface.

Call us on 01908 327200 or email us at info.uk@flexlink.com for further information.

flexlink.com

FlexLink is part of Coesia, a group of innovation-based industrial and packaging solutions companies operating globally, headquartered in Bologna, Italy.
www.coesia.com

FLEXLINK[®]
a coesia company

Feature: Automation, robotics & vision systems

BARA chairman Mike Wilson asks what next for food?

The COVID-19 pandemic has thrown a spotlight onto some of the challenges faced in our food and drink sector, says BARA (British Automation & Robot Association). Labour availability and productivity, already recognised as problems, have now become major issues.

The need to implement greater levels of automation has come to the fore and many companies are now trying to accelerate studies and projects to meet the challenge.

About 50% of our food is imported with about 30% coming from the EU. Brexit was already generating concerns regarding import tariffs and transport costs. The impact of the pandemic, causing factory closures overseas and disruption of transport infrastructure, has certainly demonstrated the fragility of our food supply chain.

As a result of Brexit, the UK has become a much less attractive place for Eastern European workers and as current government policy is to restrict immigration it is unlikely, we will be able to bring in replacement workers from other countries, even if they wish to come. This is having a significant impact on the availability of labour in the food sector where EU workers make up about 25% of the workforce.

SATISFYING LARGE DEMAND

The pandemic has increased consumer demand for food via the retail sector leading to larger production volumes. At the same time, health and safety issues have resulted in reduced labour productivity due to the social distancing requirements never mind the general nervousness of employees in going to work. These issues have made it difficult to satisfy this increased demand.

The application of automation and robot solutions provides the opportunity to build highly



Robotics can make the UK

Robots of all types are getting easier to use, and the new product illustrated here enables users to jog, teach and calibrate robots from their own computer

productive manufacturing operations that are resilient in the face of future global challenges. One key benefit from the greater application of robot automation is to provide the opportunity to utilise the available workforce much more efficiently and productively. Use the skills and attributes of staff to add value to the products and not in performing mundane, repetitive or dirty and demanding tasks. This reduced dependence on labour then provides greater flexibility of capacity and resilience in times of labour shortages.

As most people know, we currently use fewer robots than our main competitors worldwide. One benefit of this starting position is we do not need to develop new solutions or technologies. The answers are already in place, proven and are available; we just need to adapt these solutions to our local needs (but that should not be a major challenge).

The increased use of robot automation should not be seen as a threat to jobs. This is about building a strong food and drink sector providing stable employment in roles which are both interesting and challenging. If we achieve this objective, we will build a sector which meets our food needs, provides a strong contribution to the UK economy and also well paid employment.

www.bara.org.uk

“ If a factory is largely automated, it is easier to scale production to meet demand

Could robotics come of age in 'new normal'?



There's been a few false dawns for **robotics in the UK**, but could it take a global pandemic to finally convince the manufacturing industry of their benefits, especially the latest versions available

Apart from the automotive sector, it's no secret that the UK has been slow to adopt robotics technology across other manufacturing operations, but there is one area that the UK seems to be bucking this trend just now. And this is in the installation of autonomous mobile robots or AMRs.

Notwithstanding the exceptional times in which we live, this type of robot is finding favour across several sectors and the UK becoming an early adopter of the technology. According to Peter Williamson, managing director of RARUK Automation, the uptake of AMRs has been very positive and even though some orders have been 'paused,' he is confident that when things get back to normal, the market will continue to prosper. He thinks the same for the range of collaborative robots – or cobots – that the company supplies as well as the EffiMat storage technology it sells to warehouse, logistics and e-Commerce operations.

"Cobots transformed the robotic and automation world as they are an easy and straightforward way to automate a process," he says. "They are not a fixed, complex installation requiring safety guarding and so they got over people's reluctance to take the plunge." He feels that AMRs are also proving

to be an easy-to-adopt technology.

Earlier this year, RARUK launched the new MiR250 AMR, designed to enhance operations for all those looking to automate the internal transportation of goods. It is an agile, rapid-charging, cost-effective means of transporting payloads of up to 250 kg around premises such as factories, warehouses and healthcare facilities – essentially any business seeking automation of their internal logistics.

Featuring compact dimensions, the specially engineered agility of the MiR250 allows it to move under objects, navigate in narrow spaces and take corners quickly.

Internal logistics is a bottleneck for many companies because of the frequency and uniformity of tasks, combined with a lack of qualified labour. At present, there is a notable growth in demand for robots

“The current focus on labour has led to speculation about the future role of robotics across manufacturing

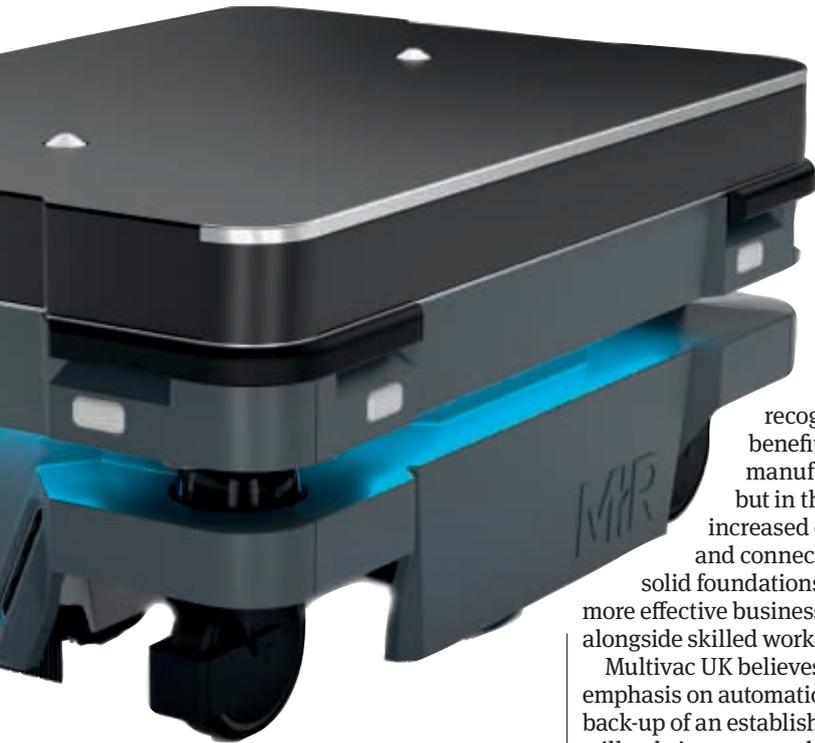
that can operate in environments housing a high number of obstructions, including people, says Williamson.

Earlier this year, CKF Systems announced a new partnership with Global AGV, supplier of automated guided vehicles to the logistics industry. CKF has been providing end of line processes for customers for three decades, but although there has been a great demand for an AGV solution, the company felt there was never a good enough option before this new business relationship.

The Global AGV solution can be integrated into the customer's facility without the need for any expensive infrastructure changes or reflectors installed in strategic places.

Meanwhile, RARUK's Williamson also believes that as well as addressing the problem of a reduced workforce, post Brexit, robotics of all types will continue to automate processes in support of the current social distancing measures.

Martin Walder, VP of industrial automation at Schneider Electric says that over the last few years, there has been a significant increase in the demands for robots, and indeed cobots and as automation developers introduce better sensing/vision capabilities, ever more complex applications can be tackled. ▶



Featuring compact dimensions, the specially engineered agility of the Mir250 sees it move under objects and navigate in narrow spaces

“With this change comes an additional benefit,” he says. “For an industry struggling to attract engineering expertise, automation and robotics, with the improved productivity they generate, will create more opportunities for workers to work on more varied value-add activities.

“Not only this, but the current situation has given a glimpse of the level of home and remote working there might be in the future, with increased automation and robotics being monitored, maintained and optimised remotely through secure connections,” he continues. However, he believes that for the ‘robotics and cobotics’ movement to thrive, the

industry must educate the workforce on its benefits and capabilities. “With greater understanding, will come greater implementation and proficiency,” he says.

“We are set to see more manufacturers recognise the true benefits of smart manufacturing, but in the meantime, increased data insights and connectivity will lay solid foundations for new, and more effective business models to work alongside skilled workers,” he concludes.

Multivac UK believes that the emphasis on automation, with the back-up of an established company, will only increase as the availability of relatively low-cost labour dwindles in the food industry. For instance, clever process design has enabled a range of its customers to increase their market reach while decreasing their overheads and consumable costs.

“A retrofit loading system for a customer in the dairy sector has allowed them to keep their existing high production speed while reducing the robot speed through clever gripper design and integration with the packaging machine,” explains James Bedford, systems application manager at the company. “This has meant that the amount of robot movement is reduced, meaning less wear and tear on the components.”

Chris Hunt, UK sales manager at Cobalt Systems believes that with

the introduction of social distancing measures, end-to-end automation to facilitate fewer people along the production line will be the aim for some manufacturers as the pandemic rumbles on. “For those companies who have partially automated the process already, extending automation beyond production and into packaging processes will make a print and apply labelling system an appealing option,” he says.

“What we’re observing now are manufacturers taking this as an opportunity to plug the gaps in their automation process which previously might not have been considered a priority,” he says.

NEW COBOTS AT INTERPACK

Packaging machinery manufacturer Schubert is taking time this year to increase the flexibility of its technology with a new range of cobots. It is currently developing a comprehensive system for its new cobot modules that will be seen for the first time at interpack 2021 in Düsseldorf next February.

OAL thinks robotics and automation are vital at a time of labour shortages and social distancing and says the company’s APRIL robotics ingredient handling system improves efficiency while protecting operator health. “Combining robotics and advanced automation, the technology offers manufacturers a flexible and scalable solution that delivers an accurate and cost-effective alternative to operators on the factory floor,” says Jake Norman, head of sales & innovation at OAL.

www.ckf.co.uk

www.cobaltis.co.uk

www.multivac.co.uk

www.oalgroup.com

www.rarukautomation.com

www.schneider-electric.co.uk

www.schubert-uk.co.uk



Multivac says users should ensure that the technology is tried and tested



This OAL robotics food manufacturing system needs only one operator

Feature: Automation, robotics & vision systems

UKIVA members believe vision can help the bounce...

“**E**ven before the pandemic, a general economic downturn had resulted in machine vision sales in Europe and the US flattening out after many years of sustained growth; and so the vision industry will certainly not be exempt from the current recession,” says Allan Anderson, UKIVA chairman. Nevertheless, he believes it could bounce back very quickly as it is in a prime position to help many other industries with their recoveries as they look to increase levels of automation and improve overall efficiencies.

In the UK, UKIVA members have been weathering the storm, with some projects being delayed (rather than completely cancelled) while others have been brought forward. The key challenge is to develop new business opportunities to fill the gaps from postponed orders. And this is where Anderson says the vision industry is so well positioned, with an extensive range of established and versatile technology already in use in a variety of different industries that can be readily adapted to meet emerging requirements.

INFRARED IMAGING VALUE

A perfect example of this is the use of infrared imaging to detect elevated body temperature for screening in high-traffic public places. This is finding increasing use as lockdowns are eased and could be included as part of an alternative strategy to the UK quarantine regulations.

Many UKIVA members are offering solutions in this area.

Machine vision can also open up further opportunities for automation across multiple industries using key building blocks such as embedded vision, deep learning and vision-guided robots. It is especially important in areas which are traditionally highly dependent on people working closely together.



What future post-COVID

Investing in the currently available vision-based solutions such as robotised meat carcass handling could provide a solution to meet further social distancing rules

During the pandemic, we have seen some businesses struggling to re-open due to social distancing requirements while in others virus hotspots have arisen due to the proximity of workers. One example of this has been in meat and poultry processing and packing plants around the world, where large COVID-19 clusters have occurred in areas including the US, Canada, Spain, Ireland, Brazil and Australia.

Investing in currently available vision-based solutions such as robotised meat carcass cutting and deboning could provide a solution. Machine vision can also be used to determine fat/muscle ratio in cutting processes and the technology extended into portioning systems such as bacon slicers, to minimise giveaway. Of course, there are also many

other well-established inspection techniques available for use in meat packaging applications.

In many industries, applications can be labour intensive because of the reliance on human interpretation and action.

For example, in fruit and vegetable harvesting, the crop must be differentiated from surrounding vegetation and the shape and ripeness assessed for picking. The use of deep learning methods are making it possible for machine vision systems to handle these types of processes, greatly extending the possibilities for automation. The machine vision industry may not boom again straight away, but it is in a strong position to be a technology that helps spearhead any recovery.

www.ukiva.org

KUKA



KR IONTEC

_a robot for a wide variety of applications
in the medium payload category

Whether on the floor, on the wall or inclined,
with the **KR IONTEC**, you are opting for a highly
flexible robot with the best work envelope in
its class and, a flexible mounting position for a
wide range of applications in the 30 to 70
kilogram payload range.



Equipped with a waterproof and dustproof
in-line wrist and protected motors, the robot is
suitable for almost every area of application.

www.kuka.com

Feature: Automation, robotics & vision systems

It is prescient to report, given the COVID-19 problems being experienced in meat plants, that the latest robotic meat processing cell from CME has been designed to ease the transition from traditional manual handling of meat products within primary processing and high care areas, to that of an automated solution. The HFPC120 system, designed and manufactured by CME in the UK, is one of the few on the market created specifically for orientating and placing meat products such as chicken portions, steaks and burgers into primary packaging while achieving the highest hygiene standards, and enabling lower operating costs.

RESEARCHED DESIGN

“Following a combination of research and dialogue with UK food sector manufacturers to understand both the challenges and perceived barriers to automation, we have combined our engineering design expertise with the latest HE Scara robots from Stäubli, and other proprietary technologies, to produce the HFPC120,” explains CME’s md Paul Knight. “We have produced a fully automated cell using EHEDG guidelines to suit the specific requirements of the primary meat processing sector.”

This unit also helps firms meet the current social distancing guidelines, too.

Stäubli’s HE robot range was chosen as it has been developed specifically for processes in hygienic, humid or harsh environments. CME specifically selected Scara type robots for this system because their configuration means that, unlike Delta type robots, they are mounted to the side of the line and not permanently overhead. This significantly reduces the potential for dust



This robotic meat processing cell from CME was created for orientating and placing meat products with care

Robots used to advantage

The use of **robots** across many sectors bring efficiency gains as well as offering benefits in high care processes

or debris accumulating above the line and subsequently contaminating the products being handled below.

Meanwhile, Cambridge Precision (CPL) has invested in its first Doosan cobot to create a flexible, autonomous and high-productivity (milling) manufacturing cell. Mills CNC has, through its recently-created automation division,

supplied this Doosan Mo617 cobot equipped with ONRobot electrically-driven two finger parallel grippers and Schunk vices. It was installed in the company’s St Neots facility where it has been integrated with a Doosan DNM 6700 vertical machining centre to create a flexible and highly-productive automated manufacturing cell.

“The cobot helps to free-up skilled labour by handling repetitive and less profitable tasks,” explains Nick Raven, CPL’s general manager. “Robbie (the cobot) has been welcomed by the team and has enabled team members to focus on other manufacturing and assembly demands.”

The milling cobot cell can operate 24/7 and since installation, it has been programmed to handle more than 20 different projects and, from a standing start, over 5000 prismatic parts were manufactured in the cell in the first two months of operation.

“Such has been the impact

The new CP180L robot is faster, more accurate and uses less energy, even though its reach is far longer



of our first cobot that we are considering investing in a second in the near future,” says Raven.

Another industry sector benefiting from installing robots is somewhat surprisingly, the equestrian market, that uses ‘Hunter’ wood shavings for bedding.

Once the loose, wood shavings generated by Metsä Wood UK’s various manufacturing processes have been collated into bales using bespoke machinery at its Boston plant, the bales are removed from the line by a recently installed new Kawasaki robot and placed directly onto a 1200 mm x 1200 mm pallet ready for dispatch. To ensure that the load is stable, the robot must also rotate the bales through 90deg as it stacks, a task easily performed while transiting from pick-up to deposit.

NEW KAWASAKI ROBOT

The new robot, which was installed last year, is a Kawasaki CP180L with associated HMI, which replaced an older robot, also a Kawasaki unit (a ZD130) that was originally installed at the plant in 2002. This machine had provided sterling service, and according to Metsä Wood project manager Andrew Burns, “Our records revealed that the Kawasaki robot installed in 2002 had completed 10,794,000 cycles, and it had performed superbly.”

In a typical working day, about 1000 x 25 kg bales are picked off the line and

stacked safely using the necessary orientation changes programmed into the new Kawasaki CP180L robot. Removing the old robot and

placing the new one onto its plinth was straightforward according to Mick Middleditch of Higham Ferrers based RJC Projects, who were tasked

with accessing the cell and swapping them over.

www.cme-ltd.com

www.kawasakirobot.co.uk

www.millsncn.co.uk



The CP180L is more flexible in use

GO BEYOND – NEW HORIZONS FOR YOUR INDUSTRY. THIS IS **SICK** Sensor Intelligence.

Overcome the limitations of known systems and leave the beaten path of those who follow. With SICK at your side, you are always one step ahead. Use trend-setting SensorApps, Deep Learning, and other AI applications, as well as integration and analysis solutions. Let’s go beyond together. We think that’s intelligent. www.sick.com/gobeyond



Feature: Automation, robotics & vision systems

Sturdy and yet flexible mounting

For anyone experiencing problems in reliably mounting cameras, lights, sensors and robotic tools in an industrial application, Alrad Imaging says it has the solution via its Swivellink mounting system. These special mounting arrangements can save users time and money because they offer easy to assemble, robust mounting systems which are designed to neatly route all cabling internally.

Solutions are available to mount several products including cameras, sensors, monitors and robotic arm components as well as mounts for workbenches and tables. Mounting plates are available for all makes of cameras, smart cameras and also vision systems.

“Not only will they offer you multiple configurations, but the creative approach means they can be manipulated as you wish,” explains technical sales director at Alrad, Ian Alderton.

Swivellink is now offered in three different sizes, XS, Standard, & Heavy Duty, and they can be supplied in metric or imperial (the Heavy Duty version is only available in imperial sizes.)

A selection of products is also available for robots. These include a range of pedestals, mounting plates and teach pendant holders for general mounting of all manufacturers’ arms and also for some specific manufacturers such as Fanuc, Universal and Yaskawa.

The Swivellink product line has been used for hundreds of different applications in all types of industries and, says Alderton, the goal has always been to intelligently design a sturdy yet flexible product line that will solve any automation problems.

T 01635 30345
W www.alrad.com



Alrad Imaging supplies the Swivellink options



The IP69K-rated ACOPOStrak is built for washdown using hot water at up to 80deg C

Keeping foods on clean track

B&R Automation has developed its track system to withstand high pressure cleaning

Production and packaging machinery used in the food and beverage industry must not only be easy to clean, but also highly resistant to aggressive substances. Powerful cleaning agents and scalding hot water are extremely effective at killing bacteria and germs – but over time can take their toll on machine components. These challenges are further compounded as the individualisation trend gains momentum in the food and beverage industry.

KEEPING COMPONENTS SAFE

Machine builders and operators are under pressure to produce goods efficiently in small batch sizes and intelligent track systems containing permanent magnets and other components, play a part in this. However, these must never come into contact with water or other liquids. This has so far made track systems out of bounds for the food and beverage industry but, says Alan Conn, md

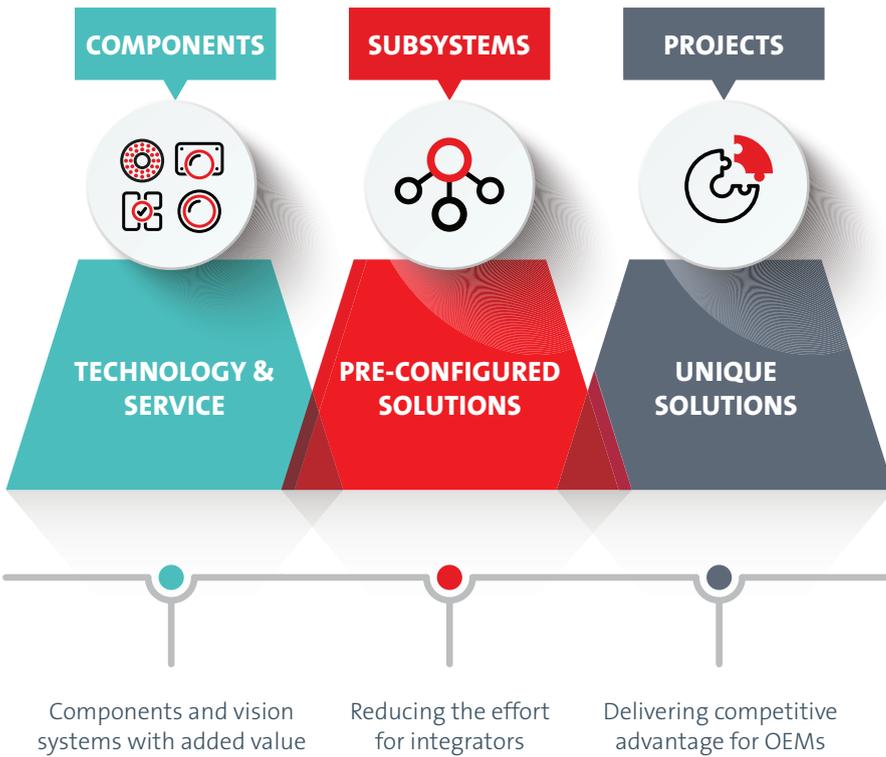
of B&R Automation in the UK, the time has now come to equip food and beverage machinery to meet the new individualisation trend demands of its market.

Therefore, B&R is now offering its intelligent ACOPOStrak system with IP69K protection. “The shuttles and segments of the new washdown variant are constructed of stainless steel, securely welded and resistant to corrosion,” says Conn. “The IP69K-rated ACOPOStrak is built for high-pressure washdown cleaning using hot water up to 80deg C and is also fully protected against dust ingress.”

A completely enclosed stainless steel housing prevents even the tiniest ambient particulate matter from penetrating into the interior of the shuttles and track segments which keeps the permanent magnets perfectly safe, even during washdown.

T 01733 371320
W www.br-automation.com

YOUR COMPETITIVE ADVANTAGE



We help engineers realise the optimum machine vision application with reduced effort and cost with our unique combination of leading technology, configured subsystems, consulting and development services.

**VISION.
RIGHT.
NOW.**

WWW.STEMMER-IMAGING.COM



NORD ULTRA EFFICIENT DRIVES WITH IE5+ MOTOR

- The next level of motor efficiency IE5+
- Compact and hygienic design
- Constant efficiency level over entire speed and load range

2 STAGE BEVEL GEAR + IE5 MOTOR + INVERTER = MOST EFFICIENT DRIVE SYSTEM



Feature: Automation, robotics & vision systems

Gripper delivers fulfilling benefit

A **cobot and gripper** combination has delivered a 500% productivity increase at the fulfilment centre of DCL

When DCL Logistics needed a flexible automation system that would integrate with its existing work cell setup and accurately handle the picking and packing of items into boxes in the company's fulfilment centre, it deployed a UR10e cobot from Universal Robots in conjunction with Piab's piCOBOT gripper.

The result of this installation was a 500% efficiency increase, 50% labour savings, a 100% order accuracy and a return on investment of just three months.

Before the new system, it took five people to manage

a conventional manual picking process: someone in the warehouse to pick the order, someone to bring it to the line, someone to verify it, someone to kit it, and someone to pack and ship it.

MORE THAN 50% SAVED

"The robotic system can do within two hours what a team of five people would do in an entire day," says Brian Tu, chief revenue officer, of DCL Logistics. "The robotic systems actually save us greater than 50% in labour costs." In this way, the robots address a primary concern to manage labour over time, which is crucial to the growth of DCL Logistics' business.

When a robot replaces a task that a worker was previously doing, that worker can be reallocated to other services or trained to manage and maintain the robot. And during peak seasons, the robot allows the company to meet customer needs without bringing in additional staff.

The automation team at DCL Logistics used the UR+ online platform along with the simulator to research and choose the right peripherals for the application. Tested and proven certification for every UR+ product along with the UR CAPS software make the process a plug-and-play scenario instead of having to learn the



DCL is thrilled with the system

commands of the robot.

DCL chose a Piab piCOBOT gripper, an UR+ certified product, and a DataLogic camera that can scan multiple barcodes at the same time or scan a part number and a serial number. ▶

Automate with Confidence



High Speed Robotic Palletiser



Materials Handling Solutions



Model 1200BH Open Mouth Bagger

- Automated Systems
- Superior Performance
- Innovative Design
- Advanced Technology
- Dedicated After-Sales Product Support

FISCHBEIN

A DURAVANT COMPANY

www.fischbein.com
sales@fischbein-saxon.co.uk
Tel: 020 8344 6600



Featuring Piab's efficient COAX vacuum technology, piCOBOT comprises a vacuum pump unit and a gripper unit fitted with suction cups.

Piab's extensive range of suction cups enables customers to tailor their own solutions. And despite its minimal

weight, Piab's end of arm tooling is still able to lift objects weighing up to 7 kg. **T** 01509 857010 **W** www.piab.com



Available with a generic electrical interface as well as several options for mechanical mounting plate dimensions in accordance with the ISO 9409-1 standard, the piCOBOT can be configured to work with any collaborative robot and also smaller industrial robots. Originally certified to work with cobots from Universal Robots, piCOBOT now extends its reach into the cobot market offering a high degree of configurability to cobots from several manufacturers.

Offering plug-and-play extensions to cobots, piCOBOT ensures safe and effective human-robot interaction.

piCOBOT WEIGHS
720 g
to provide optimal cobot
payload capacity in use

Enjoy the benefits of continuous improvement

Talk to us.

Are you continually looking for ways to optimize production? Working to integrate digitalization? Seeking to raise productivity levels? Our comprehensive portfolio and consultative approach runs from power and robotics to palletising and training. So whether you need total traceability or simply higher flexibility, we have the answer.

Discover the infinite possibilities at new.abb.com/food-beverage



Feature: Automation, robotics & vision systems

Customers need remote support

Ishida believes the coronavirus pandemic has clearly demonstrated the benefits of remote support in enabling factories to continue operating when social distancing requirements have made any on site visits much more challenging.

“Out of necessity some of our service activities have been carried out remotely and we have even successfully completed a machine installation without deploying staff to site,” explains Ross Townshend, Ishida Europe’s business manager – advanced services and data.

Nevertheless, the relevance of remote support will be equally significant once the crisis is over. “The availability of monitoring and reporting software systems offers a major opportunity to improve productivity and efficiencies as part of the fully-automated ‘Industry 4.0’ factory.

“As we emerge into the ‘new normal’ and the effects of a major recession, there will still be business to be won but competition will be even tougher,” he says. “Companies that are able to deliver high output at maximum efficiency will be best placed to succeed.”



Sentinel software provides preventative user options

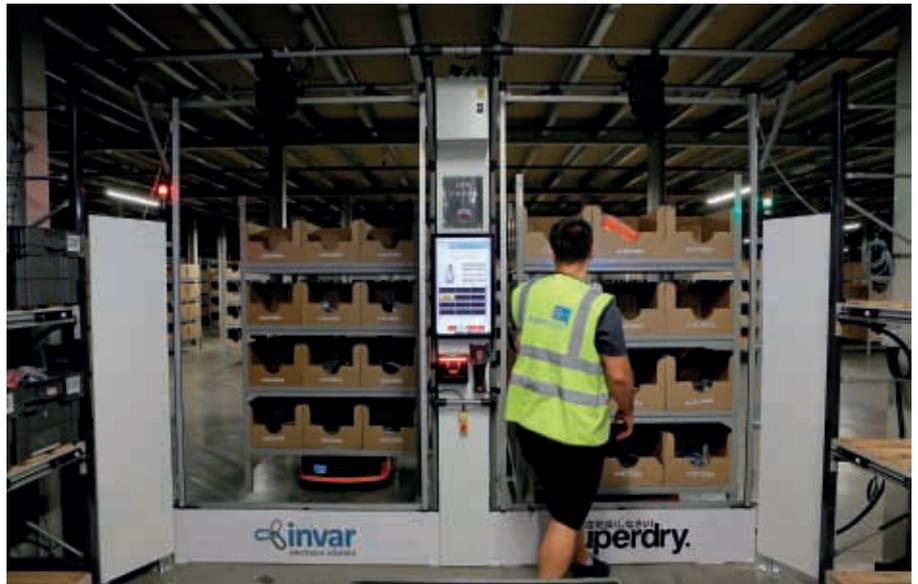
Automation is of course not a new concept, but as Townshend points out, increasingly automated lines mean there are fewer personnel available to monitor machines and ensure they continue

to perform to their best ability. Even a minor fault that goes undetected for a short time can lead to a loss of output and unscheduled downtime.

“With the right monitoring system, such as our own Sentinel software, individual machines and also complete single and multiple packing lines can be monitored by both the equipment supplier and the processor and packer,” says Townshend.

T 0121 607 7700

W www.ishidaeurope.com



Superdry’s Burton-upon-Trent site has seen increased accuracy and also reduced cost per pick

Mixing robots with UK vision

One-stop shop for vision products **Multipix Imaging** has taken on the HIKrobot range

Multipix Imaging has signed a new distribution agreement with HIKrobot to make its full range of vision products more available to UK and Ireland users.

“HIKrobot have one of the most comprehensive range of vision products available, offering area and linescan cameras, vision box, smart cameras and more,” explains Julie Busby, md of Multipix. “The technology can substantially improve productivity and directly benefit the environment.”

At the same time, and in the first application for HIKrobot in the UK, global fashion brand Superdry has adopted the company’s mini-robot carriers to transform order picking and put-away at its UK hub. This is part of a phased roll-out of goods-to-person robotics that will boost productivity across its international network of multi-channel fulfilment centres.

The robots work in unison with manual pickers, automatically selecting and lifting modular pick-walls and transporting them to pick-to-light stations where a predetermined

pick-face is presented to the operative.

This spring saw the installation of 40 more HIKrobot robots in an expansion of the existing goods-to-person system. The enlarged operation will handle the entire picking and put-away of womenswear for retail, eCommerce and wholesale. Menswear will follow later with an estimated requirement for 60 more robots at the site.

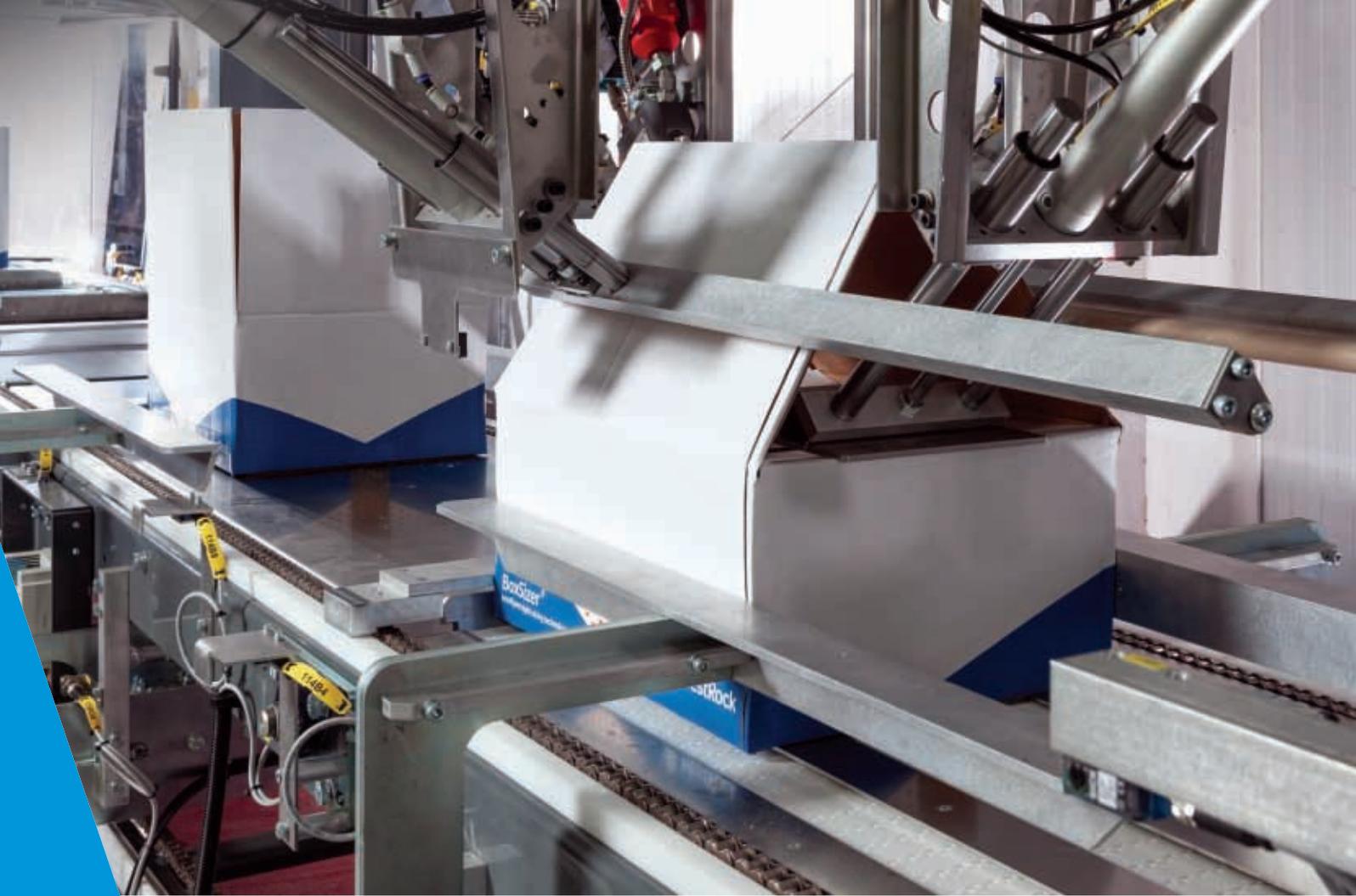
“The adoption of robotics has come about through a requirement to cut operating costs and to reduce our reliance on labour,” explains Gordon Knox, director of logistics at Superdry.

T 01730 233332

W www.multipix.com



The mini-robot carriers are a hit at Superdry



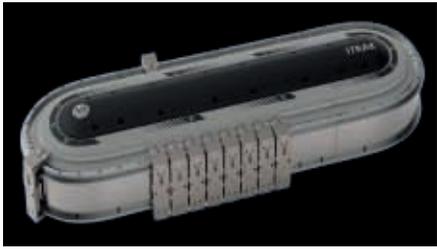
Flexible. Scalable. Adaptable.

While you navigate a rapidly evolving business landscape, WestRock is fully operational and prepared to serve you. Whether you need a single case erector, robotic solutions, a complete integrated system, or something in between, WestRock Automation provides a range of secondary transit packaging equipment tailored to solve your unique challenges. Please reach out and let us know how we can support you.



westrock.com/automation-uk • aps.uk@westrock.com

Feature: Automation, robotics & vision systems



It's ideal for flow wrapping, cartoning and FFS

New linear motion control system is more flexible

To meet the needs of food and beverage manufacturers to handle ever more types and varieties of products at increased throughputs, Rockwell Automation has introduced the iTrak 5730 small-frame intelligent track system.

Rockwell says the system uses independent cart technology to support smart, flexible and efficient machines.

Independent cart technology is designed to offer many benefits over traditional gear, chain and belt conveyors, including unlimited machine flexibility, better traceability and increased uptime. By using magnetic propulsion, the individually controlled carts can quickly start and stop with high precision, which reduces machine wear and is energy efficient. Changeovers are also managed quickly at the touch of a button.

This new system has the smallest footprint within the company's independent cart portfolio. It has a 50 mm minimum pitch that makes it ideal for primary packaging applications.

T 0870 242 5004

W www.rockwellautomation.co.uk

Control platform for tomorrow...

Phoenix Contact's PLCnext has unlocked the door to the beneficial Linux operating system

In the last 30 years, deterministic PLC Programming within a PLC CPU has largely been at the mercy of IEC 61131-3 programming language. This is not to say that other languages and techniques (C++, C#, Opensource, etc) cannot and have not been utilised in control systems, but this has had to involve separate compilers and the arduous management of separate CPU resources to achieve true determinism within a system.

However, Phoenix Contact's latest control platform, PLCnext, has unlocked the door to this with its Linux operating system. The PLCnext Runtime runs on the Linux operating system, but, importantly, the PLCnext Runtime has access to the Linux operating system.

This means PLCnext allows high level languages (for example C++, C#, Python, Rust as well as Opensource) to be combined with traditional IEC 61131-3

languages (FBD, STL, SFC, Ladder) and compiled on a common compiler. As a result, traditional IEC-61131-3 PLC code and high-level language programs can be run deterministically on the same CPU and even combined in the same task.

PREWRITTEN APP DOWNLOAD

It also allows the ability to download prewritten 'Apps' from the PLCnext AppStore to the controller, either as an entire complete application solution or as a service for the application program.

This means end user companies, system integrators and machine builders can now future proof their businesses for years to come by having the traditionally trained IEC-61131-3 engineers of the present passing their knowledge and practical commissioning skills to the next generation of programmers, says Phoenix.

T 0845 881 2222

W www.phoenixcontact.co.uk/plcnext



simmatic
AUTOMATION SPECIALISTS

BRINGING PNEUMATICS AND
VACUUM TOGETHER

Vacuum Conveyor

- ☞ Dustless conveying of your dry powder or granular produce
- ☞ Convey food materials, pharmaceuticals, chemicals, plastics and other free flowing granular products
- ☞ Clean, safe compressed air driven multistage vacuum pump, pre delivery atex approval upon request ☞
- ☞ Low maintenance with self-cleaning filtration, yet high level of capacity from 0.6 TPH to 6 TPH



VMECA
www.vmecca.com

Simmatic Automation: VMECA product specialist and UK agent for 15 years. Vacuum challenges? Simmatic has the solutions



Expertise – Passion – Automation



Industrial robot and cobot solutions from SMC

SMC produces compact and lightweight automation components for robotics applications and End-of-Arm tooling.

We offer a wide variety of products that can be used for handling work pieces of different shapes and materials. These include: **Pneumatic, Electric and Magnetic Grippers, Compact Cylinders, Vacuum components and Fieldbus Systems.**

If you're looking to automate some of your manual applications with industrial robots or cobots, we have the experts that can help you!



Call 01908 563888 or check-out our website.

SMC - more than just pneumatics

Follow us on   



www.smc.uk

Feature: Automation, robotics & vision systems

Digital service brings benefits

The **Cama Group** has now added live FAT tests to its range of digital manufacturing services

Thanks to its deployment of advanced automation solutions, Industry 4.0 concepts and on- and off-machine connectivity, Cama is now able to virtualise every step of a project: from initial design concepts, through build, testing, commissioning/installation and beyond for ongoing maintenance and support of its robotised end of line equipment.

The company's new Live FAT (Factory Acceptance Testing) is the latest addition to its digital-capabilities portfolio, which also encompasses pre-sales visualisation, virtual design (using augmented reality) and virtual commissioning.

"The launch of our Live FAT service comes at the perfect time," explains Daniele Bellante, ceo at the Cama Group. "Someone once said that necessity is the mother of invention, and this is especially true in the current business climate.

"Although we have been working on



The new service is like having a Cama engineer on site all day, every day

the technology for some months now, its virtual, on-line approach is proving incredibly pertinent and beneficial in these times of lockdown and separation," he tells *Machinery Update*.

Using the Live FAT Platform, smart cameras located close to the machine's

primary operational elements give customers real-time video access to machine tests – using their own protocols and project specifications – live from Cama's premises. In addition to the comprehensive overview given by the smart cameras, customers can also access complementary cameras covering static equipment, such as electrical panels.

Sharing of the visual information and data streams is via a secure, invite-only Microsoft Teams portal, accessed using a computer, tablet, or phone.

"The adoption of smart on-machine technology and far deeper connectivity delivers multiple benefits for both us, as machine builders, and, of course, for our

many customers who operate in multiple industries across the globe," explains Bellante. "Virtualisation can be applied to so many different facets of a machine's lifecycle, and will help address multiple geographical, economical, technical and, in this instance,

societal hurdles, where customers may not currently be able to deliver test products due to quantities, shipping costs, or simply because they are overly delicate or maybe frozen."

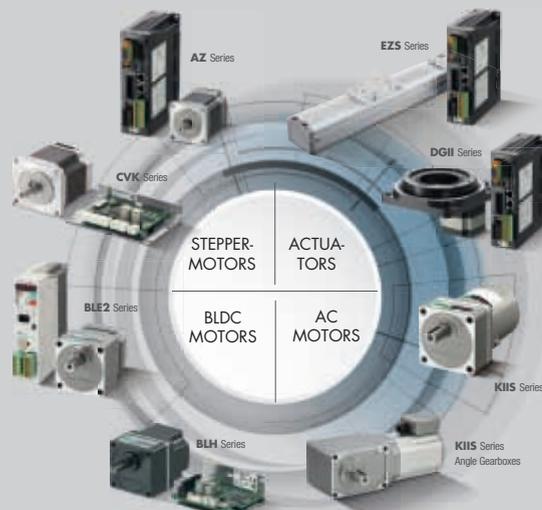
T 01793 831111/831481

W www.camagroup.com

We have the solution.

Position. Transport . Rotate

Orientalmotor





Largest manufacturer of stretch wrapping equipment in the world

MACHINERY

UK aftersales spares and service support provided.

Turntable Wrapping Machines



Self-Propelled Robot Wrapping Machines



Horizontal Wrapping Machines



Rotating Arm Wrapping Machines



Case Sealers & Erectors



www.robopac.co.uk

Robopac, Unit 7 – 8 Highfield Parc,
Highfield Road, Oakley, Bedfordshire, MK43 7TA
Tel: 01234 825050 Fax: 01234 827070 Email: sales.uk@robopac.com

Feature: Automation, robotics & vision systems

“If you use sensors, or design them into machinery, get ready for a paradigm shift,” says Neil Sandhu, Sick UK product manager for imaging, measurement and ranging. “We have come to rely on sensors as foot soldiers relentlessly producing data on the frontline of every machine and process,” he continues. “But, just as the phone in our pocket has far outstripped its beginnings as a device for making audio calls, so intelligent, programmable sensors are revealing their potential to add value far beyond their ability to detect, measure, identify or safeguard.”

Precisely because sensors are eyes and ears sitting right at the heart of operations, in a digitised world the data they produce is an empowering raw material. That data can be transformative across entire business processes. The challenge is, how do we harness, integrate and process this data seamlessly and also simply?

Already, increased connectivity has multiplied the ways that sensors and actuators can interact in automated processes, perhaps via IO-Link, perhaps independently of the control, or via edge devices such as sensor integration machines and gateways.

When Sick conceived its AppSpace software engineering framework five years ago, some saw it as a bold move for a hardware manufacturer; now it is normal to download a Sick SensorApp as a ready-made software solution that integrates sensor data into those automated processes and can individualise them.

AppSpace has made it easy to solve applications without complex programming, whether you are a user, an integrator, or a machine designer, says Sandhu. Intelligent devices have become flexible platforms that



Sensor machine vision: based on image data, the camera will train for a specific task without programming knowledge

Smart sensors are value add

Intelligent, programmable sensors are revealing their potential to add value far beyond their ability to detect, measure, identify or safeguard, as **Sick UK** explains

can be adapted to changing process and product needs.

Now, users expect intelligent machines to make their automation more responsive and adaptable. Soon, they will also expect the information from, and about, all the devices on those machines to be transparently available 24/7.

They will monitor digital visualisations of all their

assets and will manipulate and control all that data using a real-time virtual environment.

In June, Sick unveiled a third pillar to its hardware and software offering to sit alongside its sensor technology portfolio and AppSpace. The new Sick IntegrationSpace is the web-based platform where data

from Sick sensors and other third-party devices can be integrated into its range of intelligent digital services. “The aim is to align operating efficiency with enterprise-wide business improvement systems,” says Sandhu.

The IntegrationSpace is not only a ‘self-serve’ distribution channel for a growing, modular portfolio of cloud-based applications, it is the mechanism by which machine designers and users will visualise and virtualise their automated processes. It is designed to give businesses the transparency they need to maintain their

“In a digitised world, the data a sensor produces is an empowering raw material for businesses today

systems with maximum uptime and also minimum inventories.

Through dashboard-based tools, it will deliver live insights into the operating health and service status of devices. It will also integrate data seamlessly into condition monitoring and prescriptive maintenance systems.

Users can start simply with the Sick Installed Base Manager: A foundation module for the IntegrationSpace concept, anyone can use this smartphone App to tag and build a database that gives fingertip access to information about any installed devices; it's described as a data 'acorn' that can grow into the digitisation of entire maintenance regimes.

Users can manage a digital twin of their assets along their entire life cycles using the Sick AssetHub, web-based enterprise asset management (EAM) system. Data is evaluated in the AssetHub to ensure maintenance happens at the right times, software and firmware are up to date and that inventories are well planned and optimised.

EASY-TO-USE LIVE DATA

The LiveConnect module unlocks a secure and easy-to-use live data connection between each intelligent sensor and the cloud. The sensor status can be visualised, for instance via a personal device, and process data integrated into live monitoring applications. The LiveConnect web service creates a live digital trail linking hardware to SensorApp, and to the cloud.

This new Monitoring Box module enables process changes to be tracked from devices, giving users real-time access to sensor parameters, for example whether pre-set limits have been exceeded. Alarms and notifications can be set up, and the historical data and events collected can be used to make application-specific predictions.

"In turbulent times, organisations must be resilient and agile, responding quickly to fluctuating demand and maximising uptime,"

says Sandhu. Meanwhile, designers can add value to their machines by making it easier for users to harness digital data for business

improvement, and from the machine right through to the enterprise level.

T 01727 831121

W www.sick.co.uk

With Markem-Imaje
you **CAN** update
your equipment
and **SAVE!**

Special leasing rates now*!

Now is a GREAT time for change!

The fact is, coders do have a limited life span and start to require some extra maintenance, downtime and replacement parts. For a fixed monthly fee you may be able to have a new printer, improve productivity and save on your maintenance budget. Contact Markem-Imaje for a free consultation and quote.

Call us today 0161 864 8111

*offer ends September 30, 2020



- Premium leasing
- Attractive discounts
- Free operator training
- Free plant walk-through



markem·imaje

a DOVER company

Feature: Automation, robotics & vision systems



Holmach works with Jorgensen Engineering to meet the needs of its pharmaceutical customers



Kuka's new KR Iontec medium payload option

Delivering with robots

Robotics is a dynamic sector allowing new ways of working to be adopted for the benefit of all kinds of industries. Here are some of the very latest...

ABB is celebrating the fifth birthday of its YuMi collaborative robot (cobot) this year which it says has blazed a trail in a raft of diverse applications and industries since it was launched in 2015.

The company believes that YuMi's dexterity and dual-arm 14-axis design has played a key role in enhancing productivity and quality on production lines worldwide and across applications. And this year, ABB has made robot programming more intuitive with Wizard Easy Programming software.

This Wizard easy programming is a graphical programming method designed to enable users to quickly create robot application programs for the single-arm YuMi cobot, without the need for specialised training. By using a simplified approach, the Wizard allows users to program and use the robot without prior knowledge of any robot programming language. A user can simply drag and drop these functions on the FlexPendant, see the results immediately and adjust the robot's actions within seconds.

Wizard is available as a pre-installed application on the FlexPendant device for all new single-arm YuMi robots and the new software is also available to existing YuMi customers in the form of a free add-in that can be installed

via RobotStudio to the FlexPendant.

Meanwhile, Kuka has launched a new product series in the medium payload category – the KR Iontec as the successor to the KR 60-3 robot.

It is designed for operation in conventional and digital production worlds and stands out for its large work envelope. It can be used in any installation position – on the floor, on the wall or inclined – while the option of converting the payload capacity of the installed robot from 30, to up to 70 kg also makes it extremely flexible.

AN OPTIMISED WORK ENVELOPE

Thanks to its long reach, the ability to work particularly close to the robot itself and the enlarged workspace beneath the robot leads to an optimised work envelope, says the company.



ABB's latest YuMi cobot programming option

The reduced space requirements of the robot, with a 30% smaller footprint and a 10% more streamlined disruptive contour, enables a more compact cell design.

Yaskawa Motoman has developed new cobots while also offering Scara robot options. The HC20DT cobot is a 6 axes robot which combines the powerful capabilities of handling payloads up to 20 kg and the flexibility of a reach of up to 1700 mm. The robot arm can be guided by an operator and robot positions and gripper operation can be registered via 'teach' and 'tool' buttons.

At the same time, the company offers the SG-Series of Scara robots that are suitable for applications such as picking, packing, dispensing and handling of small components, especially in small spaces.

Holmach believes that sophisticated technologies define modern pharmaceutical production today and its principal Jorgensen Engineering has developed specialist applications in the handling of pouches and bags of blood products such as pouches, vials, bottles and Saline solution (IV Bags) for autoclave sterilisation. Using camera technology, the IV bags are identified going into the autoclave trays, while the trays are also read and tracked so the system knows which pouch is in which tray going in a particular autoclave at any time.

With many years of autoclave automation systems installed, robotic

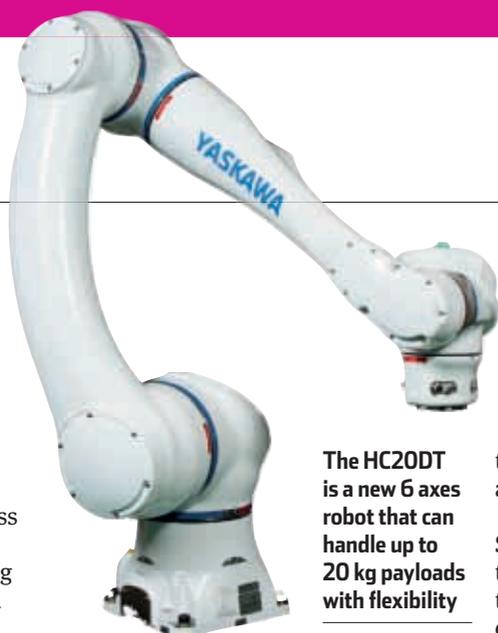
solutions have allowed much better tracking and data acquisition, says Holmach.

The tracking system is also able to interrogate the autoclave to match the validated process to the IV bag, with any deviation seeing the IV bags rejected before they can go further along the process.

Latest news from Stober is that it is collaborating with Stäubli Robotics to expand its range of robots. The company is supplying Stäubli with additional axes that enable the robot manufacturer to configure its multi-axis robots with even more dynamic options for any precise, high-speed tasks.

Manufacturers in industries such as the automotive, food, medical, pharmaceutical, plastic and electronics sector rely on robots for many operations including loading and unloading, palletising, handling, sorting or stacking a wide array of components. Stober says these enhanced Stäubli systems will give them greater value and flexibility.

The first Stäubli and Stober joint project was for linear technology manufacturer Rollon. This involved expanding the six axes Stäubli robots with a seventh,



The HC20DT is a new 6 axes robot that can handle up to 20 kg payloads with flexibility

plus an optional eighth, Stober axis. An SD6 single-axis controller from Stober manages the motion control on the two additional axes.

To support SME companies to adopt robotics technology more easily, Comau has launched

a global web-based networking platform that creates a win-win ecosystem between 'verified' systems integrators and companies exploring automation opportunities. To help industries of all sizes reap the benefits of automation in an intelligent and cost-effective manner, the Comau Marketplace platform features real-world case studies, targeted solutions and industry-specific guidance on how automation can help increase productivity and lower overall costs. It also helps established and emerging systems integrators propose solutions and interact with potential customers.

As a catalogue of answers in the world of automation, Marketplace allows SMEs to filter solutions by industry and/or application and delivers information in a standard, story-telling format that facilitates easy comparisons between options.

Another option to help with automation flexibility, is the new Smartshift toolchanger introduced by RARUK Automation. Designed to operate with all models in its Universal Robots range of cobots, the system cuts production time and errors and allows companies to scale-up capacity with ease.

THE SMARTSHIFT TOOL HOLDER

The Smartshift tool holder attaches to the wrist of the robot, enabling it to switch from one tool to another. This allows several tools to operate in the same area, to complete a particular set of tasks. As a result, the tool changer reduces set-up times and provides providers greater versatility, says RARUK.

Finally, Schneider Electric has appointed PWR as its first 'Master Robot Partner'.

"At PWR, we build automated robotic solutions tailored to our customers' needs and our partnership with Schneider Electric enables us to use best in class technology to exceed expectations in a growing market," says Peter Mellon, director at PWR.

www.abb.com

www.comau.com

www.holmach.co.uk

www.kuka.com

www.pwrpack.com

www.rarukautomation.com

www.schneider-electric.co.uk

www.staubli.co.uk

www.stober.co.uk

www.yaskawa.eu.com



Bespoke Automation Solutions

Production automation solutions individually designed and built for manufacturing sectors, including automotive, FMCG, electronic components, medical and pharmaceuticals.

- Robotics
- Vision Systems
- Inspection
- Proof of Principle
- Research & Development
- Tooling Development



Feature: Automation, robotics & vision systems

New Industry 4.0 cartoner gains are cyber-safe in use

In making its range of cartoning equipment smarter for its customers, Mpac has concentrated on making the HMI more intelligent while at the same time delivering cyber security by keeping the operating parameters local.

As Rob Heijligers, the product manager leading the digital transformation at the Mpac Group says, you don't need to rely on an internet connection to get all the new Industry 4.0 features and benefits. "We have found that large company's in particular do not want their machines connected to the internet as this can pose many cyber security issues, especially for a plant running multiple lines of equipment," he explains to *Machinery Update*.

"This is why we have built the system in-house to keep all the processing power local, and not based on Cloud operation," he continues.

"In our vision, the machine is not just a tool that the operator uses, but rather a companion; one that advises the operator, one that thinks with him and for him," he explains. It proactively provides information about maintenance needs and performance enhancements, helping decision makers to make the right choices.

THE NEW HMI IS THE KEY

The new HMI has been developed for seamless interaction between operator and the machine and following the postponement of interpack, it was launched on a complete packaging line during a live stream event in June. This line includes an infeed (Solano single cell), cartoner (Vento-i) and an Alisio case packer.

"When we designed the user interface, we looked closely at how everyone uses their mobile phones and tablets and implemented similar technology to ensure that the control feels natural and intuitive," he says.



Smart gains are local...

The line that was launched in June includes an infeed (Solano single cell), cartoner (Vento-i) and also an Alisio case packer

The company named this HMI, the IMI which stands for intelligent machine interface. It has a simplistic layout, smooth scrolling lists and an easy movable top and bottom bar to deliver the benefits to operators.

Based on research findings from its customers, the company has designed what it calls the Industry 4.0 productivity package.

This is built on four pillars that each contribute to maximise the machine OEE. The condition monitor that is designed to increase machine availability, specifically by preventing uncontrolled stops. Due to constant internal

measurements, the machine detects even the slightest abnormalities at an early stage and then warns the operator of an impending issue or any required maintenance before it becomes an actual problem.

"Users are also in control of the logged data, as it is stored locally without the need for a Cloud connection," says Heijligers.

The performance monitor calculates the overall equipment efficiency so users can easily identify performance bottlenecks in the machine, while video instruction gives 'on the job' support. This IMI video library can be quickly accessed by operators, with instructional videos explaining how to handle alarm events efficiently and safely, and also how to prevent them in the future.

T 024 7642 1100

W www.mpac-group.com

**Users are in control
of their logged data as it is all
stored locally, not in the Cloud**



The Sensor People

Leuze

Safety at Leuze

Forerunner Yesterday. Today. Tomorrow.

The Sensor People have been setting technological standards in industrial automation for more than 50 years. In the field of safety at work, we convince right from the start with trend-setting inventions, such as the development of the first protective sensor ever, to our latest safety innovation, "Smart Process Gating" – the space-saving solution for access guarding on conveyor lines. This is how we ensure the success of our customers in an industry that is ever evolving.

www.leuze.co.uk



Smart, economical, flexible The new, modular conveyor platform

Trade suppliers only

If there is pressure on your time to build conveyors from components, there is a quick alternative with complete conveyor modules from Interroll, that offer state-of-the-art industrial design, in terms of both functionality and aesthetics.

- Flexible configuration
- High throughput
- Quick and simple installation
- Extremely quiet operation
- Energy-efficient drive solutions
- Easy maintenance from the top
- Fast delivery for Standard Modules as well as local planning support by experienced application engineers

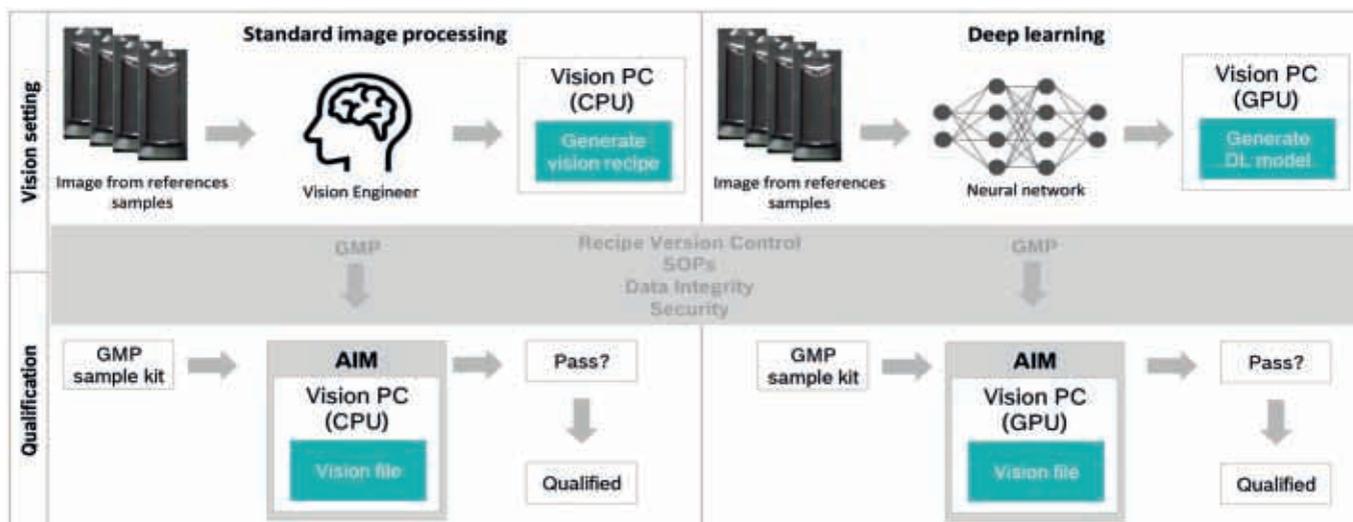
interroll.co.uk

Interroll Limited · Unit 1a Orion Way, Kettering, Northamptonshire, NN15 6NL
Tel: +44 / 15 36 31 27 70 · Fax: +44 / 15 36 53 67 20 · Email: gb.sales@interroll.com

INSPIRED BY EFFICIENCY



Feature: Automation, robotics & vision systems



Inspection is a very challenging stage in pharmaceutical manufacturing, so a 'one size fits all' approach will not work with Deep Learning

Whether in automated driving, computer games or face recognition – Artificial Intelligence (AI) is transforming our everyday lives and so why not also apply them to pharmaceutical inspection? “One of the main challenges consists in transferring these applications to complex pharmaceutical processes and developing suitable implementation and validation concepts for this strictly regulated industry,” says Andreas Gross, global product manager inspection technology at Syntegon Technology. And here, he explains the thinking behind Syntegon’s latest developments in this area.

Inspection is a very challenging stage in the pharmaceutical manufacturing process. This is especially true for products with difficult characteristics, such as highly viscous parenteral solutions where air bubbles cannot be completely eliminated and their differentiation from particles is problematic. Those cases usually require long development and optimisation times for vision algorithms before achieving a balanced operational level of detection and false reject rates. AI has the potential of shortening this development period and optimising the desired results more quickly. Agglomerations or other

AI benefits inspections

Syntegon is working to bring the benefits of AI and Deep Learning to deliver life-changing pharma gain

types of inherent morphological features that are similar to particles, as well as bubbles resembling glass particles, can cause false rejection of good containers with current vision technology. Especially for high-cost products, every single false reject is one too many. AI applications have the potential of further increasing detection rates and decreasing the number of false rejects in difficult products like bubbly and dense solutions.

While many pharmaceutical producers and machine

manufacturers are considering the use of AI, and some have already issued first studies, reservations about implementation and validation are keeping most companies from using these applications in real production environments. In parallel, machine vision software companies are already offering Deep Learning vision tools as part of their portfolios.

Hence, it is not necessary for manufacturers of automated vision inspection machines to develop their own Deep

Learning algorithms or neural networks. In fact, the existing solutions only require moderate software modifications. Additionally, an upgrade of the vision computers with higher processing power can be realised with Graphic Processing Units (GPUs), which are widely available in the gaming industry.

Inspection technology experts can easily perform the required upgrades for visual inspection usage, as was discussed at the 2019 PDA Visual Inspection Forum in Washington DC. However, there is one crucial point that must be considered to enable validation: in contrast to many other industries, the Deep Learning model for pharmaceutical use must be ‘frozen’ once the development

Reservations about validation are keeping some companies from using AI in pharma manufacturing

phase is finalised. Indeed, it must be static and can no longer change to make it version-controlled for validation.

Syntegon Technology is currently working on such a project to implement Deep Learning algorithms for the inspection of syringe stopper edges on its AIM 5023 inspection machine.

The pharmaceutical industry is known for its conservative approach to innovation. This is mainly due to the very strict regulatory guidelines for process validation – overall a highly positive attribute since the manufactured products have a direct impact on the health and safety of patients. “Such an ambitious project needs a lot of experience regarding software implementation and process validation to push the concept beyond the finish line – a combination not every machine manufacturer can offer,” says Dr Jose Zanardi who is responsible for inspection development and applications at Syntegon.

BESPOKE APPROACH

Typically, a ‘one size fits all’ approach will not work in Deep Learning projects for visual inspection. Instead, the first step should consist in a pre-assessment based on a large number of diverse images from reference samples. “In our example this could be images of good units with bubbles, different stopper positions, products and fill volumes for body inspection, as well as different types of particles intrinsic to the process,” says Zanardi.

Based on the available image data, offline verification studies provide the basis for the integration of Deep Learning models into the existing software. In the second step, a customer-specific project should be defined with parameters such as product, existing machinery, expectations and timeline.

“We believe that this

technology has the potential to achieve detection rates close to 99% in the future while reducing false reject rates dramatically by half

or more,” says Zanardi. He is confident that the Deep Learning application can be implemented in a GMP environment – and will obtain

regulatory endorsement for both the qualification strategy and implementation.

T 01332 626262

W www.syntegon.com

Gripping Matters



Finding the correct automated gripper solution is pivotal to maximising efficiencies & minimising costs

piSOFTGRIP®

Unique vacuum based soft gripper for handling sensitive & delicate objects



piCOBOT®

Small, powerful & ready to collaborate with human & cobot workers



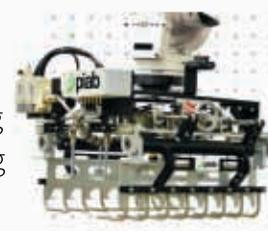
Large range of gripping systems

Configurable heads & large area grippers for all industries



Hybrid Bag Grippers

Robust palletizing and de-palletizing End of Arm Tools



Smart solutions for the automated world™ 

Palletiser is a wizard option

Latest palletiser/depalletiser system uses new software to exploit the cobot and linear slide



The VisioPointer analyses the entire seal area

MAP seals checked with vision system

VisioPointer from TriVision is a complete end of production line vision system that can visually check seal integrity on MAP packaging and inline vacuum skin packs.

Available in the UK from Tendring pacific, the system analyses the entire seal area of the pack to ensure that seals are free of product contamination, free of welding errors, free of film folds and are 100% intact.

“VisioPointer can operate at up to 240 packs per minute, validating seal integrity with its unique, advanced image processing software and proven arrangement of camera and lighting above and below the conveyor belt,” says Anton Hutson, managing director of Tendring pacific.

At the same time as checking the seal integrity, VisioPointer is also able to inspect the positioning and accuracy of labels, artwork, bar codes and printed date markings, including those on transparent materials, on both the top and bottom of a wide variety of food containers.

The Production Optimisation Module gives an additional and instant overview of the current production quality, so that the cause of non-conformities can be quickly identified and remedied. Other data streams from the module help determine and fine tune maintenance schedules and bring greater levels of efficiency.

At 1.4m long, with its own in-feed & out-feed conveyors, cameras, on board PC, touchscreen and lockable reject bin, VisioPointer’s compact design makes it easy to install onto almost any existing production line.

T 01223 492080

W www.tendringpacific.com

The UR palletising system from Olympus Technologies makes palletising and depalletising easy as it is designed to offer maximum flexibility in a minimum footprint.

Importantly, pallet configuration is performed offline, to ensure the palletising system remains in production while new products are prepared. A configuration wizard enables the user to enter the case dimensions,

solutions) when staff walk past or work close to the palletising cell. Fully optimised production speeds are maintained until someone enters the cell to swap pallets. This solution also enables the cell to be CE marked, says the company.

In operation, the system picks single and multiple cases, and cases picked together can be dropped separately.



The UR palletising system is an easy to use option

and then simply drag and drop these cases onto the graphical pallet. The software then does the rest.

Subsequent layers can be copied and re-orientated from previous layers, and each layer can be configured uniquely. The only time a user has to touch the robot teach pendant is to import the completed pallet programme, and to start and stop the robot’s production.

“This configurator also takes account of the orientation of the presented cases, so that cases can be placed onto the pallet with case labels facing outwards,” explains Gavin Jamieson, director at Olympus Technologies.

Modest guarding on the cell avoids the continuous activation of area scanners (used on unguarded

The software automatically chooses the optimal pick/drop routine for the layer of cases. Olympus custom designs the pneumatic end effectors to maximise their flexibility for specific products.

A single palletising system is able to support two low volume production lines, with the two lines terminating together alongside the cell, and one pallet station being used for each line. The system can also incorporate the addition of slip sheets/interlayers into the assembled pallet.

T 01484 514513

W www.olympustechnologies.co.uk



**FRENCH DESIGNER
& MANUFACTURER
OF PACKAGING LINES**

**Weighing
Labelling &
Control Range**

**X-Fold &
Flow Wrapping
Machines**

**End of
Line
Equipment**

CONTACT

info@ixapack.com
+33 549 820 580

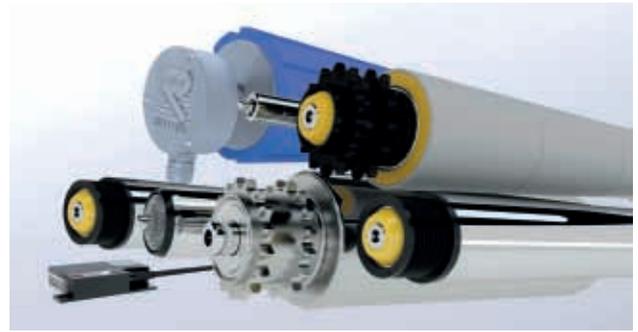
www.ixapack.com

**Ultrasonic
Cutting
Machines**

**Sleevers
Cartoners
Case Packers**

**Complete
Turnkey
Solutions**

FOLLOW US



Rulmeca offers a **comprehensive range** of high quality rollers, drum motors and technologies covering the most demanding applications in material handling.

Components employed in **any industry**: airport security and logistics, postal and parcel handling, manufacturing and automation, packaging and palletizing, distribution, fish, food and beverage processing and warehousing.

We are close to you, whenever you need us, with a **global network** of sales and service centers.

**BECAUSE
PARTNERSHIP
MATTERS.**

Rulmeca UK LTD
Brunel Road,
Earlstrees Road,
Earlstrees Ind. Estate,
Corby, NN17 4JW
T. 01536 748525
rulmeca.com

**Rulmeca.
Moving ahead.**



Feature: Automation, robotics & vision systems

Print inspection is easier than ever

The latest version of 4Sight, the automatic in-line print inspection system, delivers even more flexibility and functionality than its predecessor, says AutoCoding Systems. With the ability to combine inspections, multiple inspections can take place simultaneously, so users will have the ability to configure up to four different inspections, including print, barcodes or artwork, across a range of up to four cameras.

For example, one camera could perform a print inspection in two different areas of the field of view, each with its own region of interest and settings. Alternatively, one camera could perform a print inspection plus a 2D barcode read in the same area, while another camera inspects specific packaging artwork.

With three different set-up options, standalone, printer-led or integrated into a code deployment solution; even greater flexibility is offered. While the newly enhanced HMI offers users easy-to-navigate, clear drop-down menus, with explanatory descriptions where relevant.

T 01928 790444

W www.autocodingsystems.com

Positioning table delivers gains

The AM positioning table from IKO Nippon Thompson Europe provides XY & theta movement all in one package.

This positioning module was developed for use in alignment stages by combining the IKO TU, CRBF, ML/LWL ranges. The table has the benefit of tight overall height tolerance of +/- 10 microns allowing multiple units to be configured without any height adjustment being required.

This AM range comes in four sizes, while each of the component parts are also available separately.

T 01908 566144

W www.iko.co.uk



System comes with a range of extras such as motor brackets



ProVision's reporting tools can be used to generate advanced reports that inspect machine data

Data examined for efficiencies

Proseal has launched an automated platform that allows valuable data to be analysed easily

Tray sealing company Proseal has launched an automated platform that captures and analyses valuable machine data to improve the efficiency and performance of the entire production line.

The new Proseal ProVision system enables companies to maximise the benefits of Industry 4.0 and the fully automated factory. The web-based analysis platform has been developed for Proseal's GTe and GTs range of tray sealing machines, to help identify and understand the causes of downtime and other inefficiencies to maximise the production capacity of the tray sealer and increase overall equipment effectiveness. Importantly, ProVision can also be easily integrated with existing third party equipment to accurately deliver information and drive improvements throughout the whole production line.

ProVision can be viewed on any web-enabled device, including

a PC, smartphone and smart TV.

The Live View function allows real time, remote performance monitoring, enabling operators to work away from the line and efficiently operate multiple machines, and allowing engineers to check on machine performance and provide timely interventions if any problems are detected.

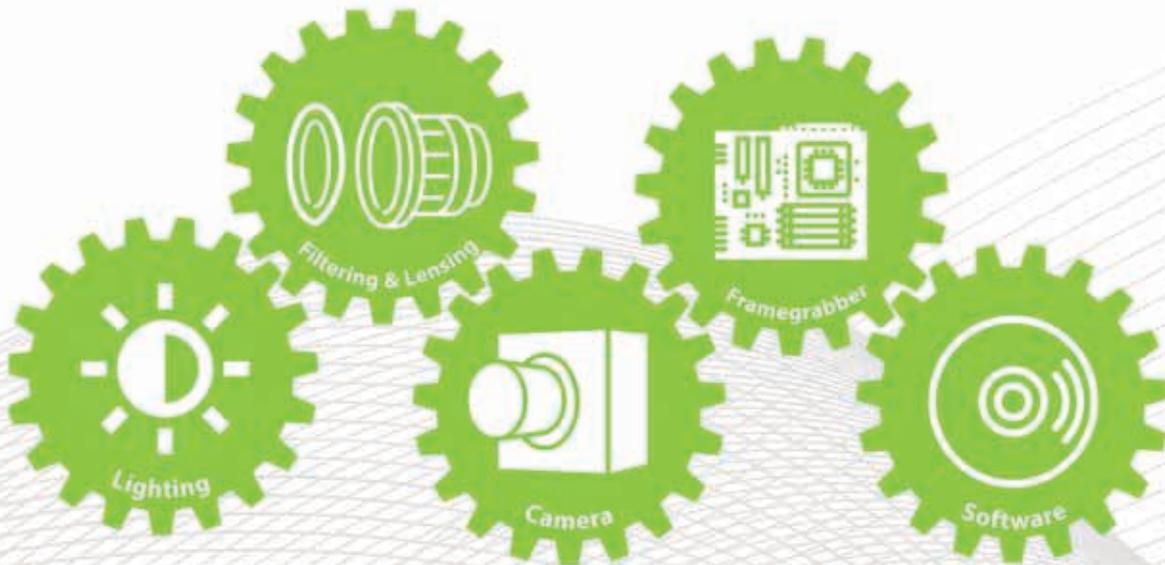
NO EXTRA COSTS INVOLVED

ProVision is offered at no extra cost to all new Proseal GTe and GTs machines that are supplied with an Ewon device to allow internet connection. As part of Proseal's futureproofing of its equipment, updated software and Ewon devices can be retrofitted to pre-existing GTe and GTs machines. In addition, a scaled down version of the platform, ProVision Lite, has been devised to deliver many of ProVision's key benefits, to older legacy equipment.

T 01625 856600

W www.proseal.com

Machine Vision Technology Specialists



Be Smart. Choose Multipix.

multipix.com

01730 233332

HIKrobot and Toshiba Teli new camera lines now available



Kawasaki Robotics

Kawasaki Robotics the best kept secret in Robotic Automation

Full range of robots from 2Kg to 1500Kg payload.
Applications include Palletising to pick and place high speed delta robots.



Kawasaki Robotics (UK) Ltd

Unit 4 Easter Court • Westbrook • Warrington • WA5 7ZB

tel: 01925 713000 • fax: 01925 713001

email: info@kawasakirobotuk.com

web: <https://robotics.kawasaki.com/en1/>

Labelling, Coding and Marking

Larger printhead option for print and apply units

Videojet Technologies has introduced the new Videojet 9550 6 inch label print & apply (LPA) system for direct apply labelling applications. By expanding the printing capability of the proven 9550 2 inch and 4 inch LPA systems, Videojet is now able to offer the 9550's performance for a wider range of applications.

Videojet says its 9550 LPA system has proved successful because of its design that eliminates mechanical adjustments, wear parts and failure points that cause everyday operational problems. The 9550 design removes the mechanisms that frequently cause everyday operational problems such as label jams and routine manual adjustments.

Also, using Intelligent Motion technology, the entire machine is automatically and precisely controlled



Videojet's 9550 label print and apply system with 6 inch printhead

Manual adjustments are one of the main causes of daily operational problems, resulting in costly downtime and production loss. However, the direct drive system, with Intelligent Motion technology, feeds and places labels accurately even at high line speeds without the use of manual adjustments, clutches or nip rollers.

This means that only two operator touches are now required

from the beginning to the end of the production shift.

In operation, the machine places the label onto a pack without the need for a tamp or air blast applicator, achieving throughput of up to 150 packs per minute for typical 4 inch x 6 inch GS1 barcode labels (dependent on environment, label quality and substrate). This means it never misses a label, even after line build-backs, says the company.

to manage job selection and web changeover, complemented by a collapsible mandrel to ensure quick label changes.

The Direct Drive system with Intelligent Motion technology is designed to control the entire label path ensuring web tension is maintained from start to finish, irrespective of speed or label size.

T 0800 500 3023
W www.videojet.co.uk



Applications are wide ranging

Anti-counterfeit uv ink gives security and traceability

Rotech Machines has introduced invisible ultraviolet (uv) thermal inkjet printing to offer customers enhanced product security and traceability, and to protect against counterfeiting.

Invisible to the naked eye, the special uv ink allows customers in all industries to apply discreet or invisible codes that can only be seen under ultraviolet light, making it difficult for fraudsters to replicate, particularly if the codes are placed in different areas by month or by batch.

Using thermal inkjet technology, the uv ink can be printed in conjunction with standard batch codes, date codes, QR codes, serial number, brand labels or barcodes, or applied directly on packaging or labelling.

T 01707 393700
W www.rotechmachines.com

Harnessing 4.0 technology for the benefit of all

Clearmark Solutions has put together an Industry 4.0 free guide to share details of how factories can benefit from new, smarter technologies. Information covered includes how universal communication standard protocols will facilitate factory connections to drive OEE and the benefits for fast adaptors to technological advancements without any human intervention.
W www.interactivecoding.co.uk/industry-4-0

Industry partnership is designed to offer the flexibility needed for handheld label printers

Panduit and printer technology partner Epson have launched the first two jointly developed printers for the industrial, construction and network infrastructure markets. The MP100 and MP300 portable label printers offer a range of capabilities in compact device formats, including fast 1.4 inch (36 mm) print speed, a wide variety of die-cut and continuous label sizes and materials up to 1.5 inch (38mm) wide. USB connectivity, direct

printing from Easy-Mark Plus™, software and integrated automatic cutter with full and half cutting are also offered.



The new MP300 handheld unit

The MP300 also offers 360 dpi print resolution, while the MP100 is fully integrated with Fluke Linkware Live.

Both devices offer a wide operational temperature range of minus 40deg C to 66deg C and come complete with printer, one label cassette, an AC power adapter, USB cable and a quick reference guide, for immediate use.

T 0871 423 7766
W www.epson.co.uk

Laser markers are preferred by the logistics centre of a parts supplier

After a three-month trial period against inkjet printing technology, Macsa ID has installed 17 SPA C10 laser marking systems with beam expanders at Belgium-based global parts and accessories supplier TVH's new logistics centre. They are applying two-dimensional (2D) codes to some 192,000 cardboard boxes per day or 1,344,000 cartons per week.

Designed to reduce production line stoppages and downtime, the laser solution was chosen for its modular design, reliability and lower lifetime cost of ownership.

THESE 2D CODES CONTAIN

10

numeric numbers and measure approximately 12 mm x 12 mm

With its head office in Waregem, Belgium, TVH contacted Macsa's exclusive distributor Codipack when it required a coding solution for its new logistics centre. With previous experience of print and apply technology, TVH originally planned to use a similar system to apply a unique 2D code on two sides of each cardboard box. The codes have the purpose of identifying the box at each stage of the logistics process, right up until shipment.

Once a box is identified by a reader/scanner, it is scanned at every stage of the production process until in the final stage, the unchanged code indicates which shipping label needs to be applied to the box. Given its importance at every part of the process, the quality and readability of the 2D codes is vital.

T 01462 816091

W www.macsa.co.uk

Atwell self-adhesive Labellers

Fast, Reliable and Easy to use Semi Automatic and Bespoke Fully Automatic Labelling Systems

Whatever you produce,
Our machines will label it

Designed For Your Application

- Labelling Systems
- Labels & Consumables
- Contract Labelling



■ BESPOKE DESIGN AND BUILD ■ FULLY AUTOMATIC LABELLING SYSTEMS ■ SEMI AUTOMATIC APPLICATORS
■ PRINT AND APPLY UNITS ■ DESK TOP PRINTERS AND INLINE CODERS ■ LABELS AND CONSUMABLES
■ CONTRACT LABELLING ■ SERVICING AND CONTRACTS ■ RENTALS



www.labeller.co.uk

T: +44 (0) 1444 239970

E: sales@atwell-labellers.co.uk

18 Bolney Grange Business Park • Hickstead •
West Sussex • RH17 5PB • UK



Who What Where

Who's done what and gone where...

Electrocomponents



Mike England has been promoted to chief operating officer at

Electrocomponents reporting directly to ceo **Lindsley Ruth**. In his new role, he will help to drive the Group's long-term strategy, aligning the go-to-market, digital and customer and supplier centric activities across the globe. He will continue to lead the EMEA region until a new EMEA president has been appointed.

Kern



David Cox has joined Kern to take up the newly created post of UK head

of sales. This role has been created to strengthen the company's position in the UK market and to capitalise on recent product additions. At Kern he will be responsible for driving sales of mailing, smart locker and packaging solutions across the UK.

Heuft



Joanne Ball has re-joined Heuft some ten years after her first tenure,

this time as customer centre co-ordinator to manage the new training and test facility.

Accraply



Justin Stovall has been appointed vice president of sales at Barry-

Wehmler company Accraply to oversee all global sales and business development activities. He joined the group company Synerlink in 2015 then had a stint at BW Flexible Systems before joining Accraply.

MDS



Luke Hill has joined MDS as its newest field-based service engineer

to boost the growing sales and service divisions at the company. Based in Birmingham, he brings over ten years of experience of biometric engineering solutions to the team and is now also Ceia trained and certified. "I've always been impressed by the quality and design of Ceia's detectors and so I decided I had to go for it when the chance came up," he tells *Machinery Update*.

tna solutions



Raj Singh has joined tna solutions as group aftermarket

& services manager to bolster the aftermarket experience for the company's global customer base. He will focus on further boosting standards in customer care from trouble-shooting technical issues to providing solution upgrades.

RA Rodriguez



Carl Richmond is the new sales engineer for the North of England at RA Rodriguez

to help meet the growing demand for its range of products and brings technical sales and business development experience to the role.

Loma Systems



Ivor Milne has joined Loma Systems as a new regional sales manager

for Scotland. Previously, he was a sales engineer at Markem-Imaje UK.

Optima



Jan Glass has succeeded **Dr Juergen Kuske** as chief financial officer

of the Optima Group while at the same time, taking over the management of the central departments at the company. This industrial engineer joined Optima in 2016 and has held a variety of management positions since to give him insight into the company.

WMH



Tom Tomlinson, son of owner and founder of WMH **John Tomlinson**,

is the new managing director of the company from July. He has been working at the firm for eight years and is keen to ensure it continues to develop its capabilities in meeting the demands for automation in the food and pharmaceutical industries. His engineering and logistics background will help him retain the firm's core values. John will remain on hand to support the business.

Interroll



Urs Tanner will step down as chairman of the board of directors at

Interroll at the end of his term of office next year but he will remain on the board for one more year as planned.



Paul Zumbühl, has been the Group's ceo since 2000 and has delivered

the successful expansion plans during his 20 year tenure. In 2021, he will step down as ceo and take over as the new chairman of the board of directors.

CKF Systems



Nick Hornsey is a new software engineer in the engineering team at CKF

Systems to meet the growing demand for the company's automation solutions. He has an engineering degree in robotics and joins CKF from a cobot specialist.



Jennifer Halliday has joined the company as marketing

manager tasked with bringing a new focus to its marketing efforts and also to raise the profile of the CKF brand.

Flexicon



Peter Kalinovski has been named regional sales manager of the

new Flexicon (Europe) office in Germany which has been opened to provide factory-direct engineering services and technical sales support to customers throughout Germany. He brings five years of packaging industry experience to the role.

Nielsen McAllister



Nielsen McAllister, PR agency for the packaging and print

sectors boasting many PPMA members as clients, is currently celebrating its 30th anniversary. Based in Derby, the agency was founded by current managing director **Bob Bushby** in 1990, at a time when Margaret Thatcher was still Prime Minister and a Mars Bar cost just 27p. The seven-strong team has enjoyed a virtual birthday party online during lockdown to celebrate.

MACHINERY FINDER

To advertise contact Robert Beswick

T 020 8773 5527 E robert.beswick@ppma.co.uk

Ancillary Equipment

AFTERMARKET SPARES & SERVICING

Stellar Technik MACHINE KNIVES, PUNCHES & SIS CUTTERS

T: 01460 270600 E: enquiries@stellartechnik.com
www.stellartechnik.com

AS-I

ifm electronic Ltd
Oldfield Road, Hampton,
Middlesex TW12 2HD
T: 020 8213-2222
E: enquiry.gb@ifm.com
www.ifm.com/uk



CABLES / POWER SUPPLIES

ifm electronic Ltd
Oldfield Road, Hampton,
Middlesex TW12 2HD
T: 020 8213-2222
E: enquiry.gb@ifm.com
www.ifm.com/uk



CARBON REDUCTION

Power Capacitors Limited Birmingham, B11 2BH
T: 07780 470457

E: miked@powercapacitors.co.uk
www.powercapacitors.co.uk

CLEANING & HYGIENE

Jeros UK Ltd

E: info@jeros.uk.com
T: 0843 2892881
www.jeros.uk.com



COLOUR SENSORS

ifm electronic Ltd
Oldfield Road, Hampton,
Middlesex TW12 2HD
T: 020 8213-2222
E: enquiry.gb@ifm.com
www.ifm.com/uk



SICK (UK) LTD
Waldkirch House, 39 Hedley Rd,
St Albans, Herts AL1 5BN
T: 01727 831121 F: 01727 856767
E: info@sick.co.uk www.sick.co.uk



CONDITION MONITORING

ifm electronic Ltd
Oldfield Road, Hampton,
Middlesex TW12 2HD
T: 020 8213-2222
E: enquiry.gb@ifm.com
www.ifm.com/uk



CONDUCTIVITY SENSORS

ifm electronic Ltd
Oldfield Road, Hampton,
Middlesex TW12 2HD
T: 020 8213-2222
E: enquiry.gb@ifm.com
www.ifm.com/uk



CONTROL PANELS

PILZ Automation Technology
Pilz House, Little Colliers Field, Corby,
Northants, NN18 8TJ
T: 01536 460766
E: sales@pilz.co.uk www.pilz.co.uk



CONTROL SOFTWARE

ifm electronic Ltd
Oldfield Road, Hampton,
Middlesex TW12 2HD
T: 020 8213-2222
E: enquiry.gb@ifm.com
www.ifm.com/uk



PILZ Automation Technology
Pilz House, Little Colliers Field, Corby,
Northants, NN18 8TJ
T: 01536 460766
E: sales@pilz.co.uk www.pilz.co.uk



CONVEYORS - BELT

CKF T: 01452 728753
E: info@ckf.co.uk

THE AUTOMATIC SOLUTION www.ckf.co.uk

CSL T: 01283 552255
E: sales@conveyorsystemsLtd.co.uk
www.conveyorsystemsLtd.co.uk

CONVEYOR & WAREHOUSE SOLUTIONS

CONVEYORS - MOTORISED DRUMS

Interroll Ltd
Orion Way, Kettering,
Northants, NN15 6NL
General Enquiries: gb.sales@interroll.com
Service Enquiries: uk.service@interroll.com
T: 01536 312770 www.interroll.co.uk



CONVEYORS - ROLLER

CKF T: 01452 728753
E: info@ckf.co.uk

THE AUTOMATIC SOLUTION www.ckf.co.uk

CSL T: 01283 552255
E: sales@conveyorsystemsLtd.co.uk
www.conveyorsystemsLtd.co.uk

CONVEYOR & WAREHOUSE SOLUTIONS

Interroll Ltd
Orion Way, Kettering,
Northants, NN15 6NL
General Enquiries: gb.sales@interroll.com
Service Enquiries: uk.service@interroll.com
T: 01536 312770 www.interroll.co.uk



CYLINDER SENSORS / ENCODERS

Baumer Limited
33-36 Shrivensham Hundred Business Park,
Majors Road, Watchfield, Swindon, Wiltshire, SN6 8TZ
T: +44 1793 783 839
E: sales.uk@baumer.com



ifm electronic Ltd
Oldfield Road, Hampton,
Middlesex TW12 2HD
T: 020 8213-2222
E: enquiry.gb@ifm.com
www.ifm.com/uk



SICK (UK) LTD
Waldkirch House, 39 Hedley Rd,
St Albans, Herts AL1 5BN
T: 01727 831121 F: 01727 856767
E: info@sick.co.uk www.sick.co.uk



DATA MATRIX READERS

Baumer Limited
33-36 Shrivensham Hundred Business Park,
Majors Road, Watchfield, Swindon, Wiltshire, SN6 8TZ
T: +44 1793 783 839
E: sales.uk@baumer.com



ifm electronic Ltd
Oldfield Road, Hampton,
Middlesex TW12 2HD
T: 020 8213-2222
E: enquiry.gb@ifm.com
www.ifm.com/uk



SICK (UK) LTD
Waldkirch House, 39 Hedley Rd,
St Albans, Herts AL1 5BN
T: 01727 831121 F: 01727 856767
E: info@sick.co.uk www.sick.co.uk



DESIGN SOFTWARE

PILZ Automation Technology
Pilz House, Little Colliers Field, Corby,
Northants, NN18 8TJ
T: 01536 460766
E: sales@pilz.co.uk www.pilz.co.uk



DISTRIBUTED CONTROL SYSTEMS

PILZ Automation Technology
Pilz House, Little Colliers Field, Corby,
Northants, NN18 8TJ
T: 01536 460766
E: sales@pilz.co.uk www.pilz.co.uk



ENCODERS

Baumer Limited
33-36 Shrivensham Hundred Business Park,
Majors Road, Watchfield, Swindon, Wiltshire, SN6 8TZ
T: +44 1793 783 839
E: sales.uk@baumer.com
www.baumer.com



ifm electronic Ltd
Oldfield Road, Hampton,
Middlesex TW12 2HD
T: 020 8213-2222
E: enquiry.gb@ifm.com
www.ifm.com/uk



SICK (UK) LTD
Waldkirch House, 39 Hedley Rd,
St Albans, Herts AL1 5BN
T: 01727 831121 F: 01727 856767
E: info@sick.co.uk www.sick.co.uk



ENERGY EFFICIENCY

Power Capacitors Limited Birmingham, B11 2BH
T: 07780 470457

E: miked@powercapacitors.co.uk
www.powercapacitors.co.uk

EX-HAZARDOUS AREA EQUIPMENT

MARECHAL ELECTRIC Technor Saint-Maurice cedex
Tel : +33 (0) 1 45 11 60 00
E: contact@marechal.com
www.marechal.com

FIELDBUS SYSTEMS

ifm electronic Ltd
Oldfield Road, Hampton,
Middlesex TW12 2HD
T: 020 8213-2222
E: enquiry.gb@ifm.com
www.ifm.com/uk



PILZ Automation Technology
Pilz House, Little Colliers Field, Corby,
Northants, NN18 8TJ
T: 01536 460766
E: sales@pilz.co.uk www.pilz.co.uk



FILTERS - MAGNETIC

Goudsmit Magnetic Systems BV
T: +31 (0)40 2213283
E: info@goudsmit.eu
www.goudsmitmagnets.com



FLOW SENSORS

Baumer Limited
33-36 Shrivensham Hundred Business Park,
Majors Road, Watchfield, Swindon, Wiltshire, SN6 8TZ
T: +44 1793 783 839
E: sales.uk@baumer.com



ifm electronic Ltd
Oldfield Road, Hampton,
Middlesex TW12 2HD
T: 020 8213-2222
E: enquiry.gb@ifm.com
www.ifm.com/uk



SICK (UK) LTD
Waldkirch House, 39 Hedley Rd,
St Albans, Herts AL1 5BN
T: 01727 831121 F: 01727 856767
E: info@sick.co.uk www.sick.co.uk



GEARED MOTORS

Lenze T: 01234 753200
E: sales.uk@lenze.com
www.Lenze.com

HUMAN MACHINE INTERFACE

PILZ Automation Technology
Pilz House, Little Colliers Field, Corby,
Northants, NN18 8TJ
T: 01536 460766
E: sales@pilz.co.uk www.pilz.co.uk



INDUCTIVE SENSORS

Baumer Limited
33-36 Shrivensham Hundred Business Park,
Majors Road, Watchfield, Swindon, Wiltshire, SN6 8TZ
T: +44 1793 783 839
E: sales.uk@baumer.com
www.baumer.com



ifm electronic Ltd
Oldfield Road, Hampton,
Middlesex TW12 2HD
T: 020 8213-2222
E: enquiry.gb@ifm.com
www.ifm.com/uk



SICK (UK) LTD
Waldkirch House, 39 Hedley Rd,
St Albans, Herts AL1 5BN
T: 01727 831121 F: 01727 856767
E: info@sick.co.uk www.sick.co.uk



INDUSTRIAL ENERGY SAVING

Power Capacitors Limited Birmingham, B11 2BH
T: 07780 470457

E: miked@powercapacitors.co.uk
www.powercapacitors.co.uk

IO-LINK

ifm electronic Ltd
Oldfield Road, Hampton,
Middlesex TW12 2HD
T: 020 8213-2222
E: enquiry.gb@ifm.com
www.ifm.com/uk



LEVEL SENSORS

Baumer Limited
33-36 Shrivensham Hundred Business Park,
Majors Road, Watchfield, Swindon, Wiltshire, SN6 8TZ
T: +44 1793 783 839
E: sales.uk@baumer.com



ifm electronic Ltd
Oldfield Road, Hampton,
Middlesex TW12 2HD
T: 020 8213-2222
E: enquiry.gb@ifm.com
www.ifm.com/uk



SICK (UK) LTD
Waldkirch House, 39 Hedley Rd,
St Albans, Herts AL1 5BN
T: 01727 831121 F: 01727 856767
E: info@sick.co.uk www.sick.co.uk



LINEAR MOTORS

Quin Systems Ltd
Oaklands Park,
Wokingham, RG41 2FD
T: 0118 977 1077
E: sales@quin.co.uk www.quin.co.uk



MACHINE GUARDING SYSTEMS

ifm electronic Ltd
Oldfield Road, Hampton,
Middlesex TW12 2HD
T: 020 8213-2222
E: enquiry.gb@ifm.com
www.ifm.com/uk



PILZ Automation Technology
Pilz House, Little Colliers Field, Corby,
Northants, NN18 8TJ
T: 01536 460766
E: sales@pilz.co.uk www.pilz.co.uk



SICK (UK) LTD
Waldkirch House, 39 Hedley Rd,
St Albans, Herts AL1 5BN
T: 01727 831121 F: 01727 856767
E: info@sick.co.uk www.sick.co.uk



MACHINE KNIVES & PUNCHES

Stellar Technik MACHINE KNIVES, PUNCHES & SIS CUTTERS

T: 01460 270600 E: enquiries@stellartechnik.com
www.stellartechnik.com

Ancillary Equipment

To advertise contact Robert Beswick T 020 8773 5527 E robert.beswick@ppma.co.uk

MAGNETIC SENSORS

Baumer Limited
33-36 Shrivvenham Hundred Business Park,
Majors Road, Watchfield, Swindon, Wiltshire, SN6 8TZ
T: +44 1793 783 839
E: sales.uk@baumer.com
www.baumer.com



ifm electronic Ltd
Oldfield Road, Hampton,
Middlesex TW12 2HD
T: 020 8213-2222
E: enquiry.gb@ifm.com
www.ifm.com/uk



SICK (UK) LTD
Waldkirch House, 39 Hedley Rd,
St Albans, Herts AL1 5BN
T: 01727 831121 F: 01727 856767
E: info@sick.co.uk www.sick.co.uk



MAGNETIC SEPARATORS

Goudsmit Magnetic Systems BV
T: +31 (0)40 2213283
E: info@goudsmit.eu
www.goudsmitmagnets.com



METAL DETECTION

Goudsmit Magnetic Systems BV
T: +31 (0)40 2213283
E: info@goudsmit.eu
www.goudsmitmagnets.com



MOTION CONTROL

ifm electronic Ltd
Oldfield Road, Hampton,
Middlesex TW12 2HD
T: 020 8213-2222
E: enquiry.gb@ifm.com
www.ifm.com/uk



Lenze T: 01234 753200
E: sales.uk@lenze.com
www.lenze.com

Quin Systems Ltd
Oaklands Park,
Wokingham, RG41 2FD
T: 0118 977 1077
E: sales@quin.co.uk www.quin.co.uk



SICK (UK) LTD
Waldkirch House, 39 Hedley Rd,
St Albans, Herts AL1 5BN
T: 01727 831121 F: 01727 856767
E: info@sick.co.uk www.sick.co.uk



PHOTOCELLS / DISTANCE MEASUREMENT

Baumer Limited
33-36 Shrivvenham Hundred Business Park,
Majors Road, Watchfield, Swindon, Wiltshire, SN6 8TZ
T: +44 1793 783 839
E: sales.uk@baumer.com
www.baumer.com



ifm electronic Ltd
Oldfield Road, Hampton,
Middlesex TW12 2HD
T: 020 8213-2222
E: enquiry.gb@ifm.com
www.ifm.com/uk



SICK (UK) LTD
Waldkirch House, 39 Hedley Rd,
St Albans, Herts AL1 5BN
T: 01727 831121 F: 01727 856767
E: info@sick.co.uk www.sick.co.uk



PHOTOELECTRIC SENSORS

Baumer Limited
33-36 Shrivvenham Hundred Business Park,
Majors Road, Watchfield, Swindon, Wiltshire, SN6 8TZ
T: +44 1793 783 839
E: sales.uk@baumer.com
www.baumer.com



ifm electronic Ltd
Oldfield Road, Hampton,
Middlesex TW12 2HD
T: 020 8213-2222
E: enquiry.gb@ifm.com
www.ifm.com/uk



SICK (UK) LTD
Waldkirch House, 39 Hedley Rd,
St Albans, Herts AL1 5BN
T: 01727 831121 F: 01727 856767
E: info@sick.co.uk www.sick.co.uk



PIPEWORK / DUCTING

JACOB (UK) LTD
T: 01694 722841
E: sales@jacob-uk.com
www.jacob-uk.com



PNEUMATIC CONTROL EQUIPMENT

JACOB (UK) LTD
T: 01694 722841
E: sales@jacob-uk.com
www.jacob-uk.com



PRESSURE SENSORS

Baumer Limited
33-36 Shrivvenham Hundred Business Park,
Majors Road, Watchfield, Swindon, Wiltshire, SN6 8TZ
T: +44 1793 783 839
E: sales.uk@baumer.com
www.baumer.com



ifm electronic Ltd
Oldfield Road, Hampton,
Middlesex TW12 2HD
T: 020 8213-2222
E: enquiry.gb@ifm.com
www.ifm.com/uk



SICK (UK) LTD
Waldkirch House, 39 Hedley Rd,
St Albans, Herts AL1 5BN
T: 01727 831121 F: 01727 856767
E: info@sick.co.uk www.sick.co.uk



PROCESS CONTROL SYSTEMS

PILZ Automation Technology
Pilz House, Little Colliers Field, Corby,
Northants, NN18 8TJ
T: 01536 460766
E: sales@pilz.co.uk www.pilz.co.uk



PROGRAMMABLE CONTROLLERS

ifm electronic Ltd
Oldfield Road, Hampton,
Middlesex TW12 2HD
T: 020 8213-2222
E: enquiry.gb@ifm.com
www.ifm.com/uk



PILZ Automation Technology
Pilz House, Little Colliers Field, Corby,
Northants, NN18 8TJ
T: 01536 460766
E: sales@pilz.co.uk www.pilz.co.uk



REGISTRATION MARK SCANNERS

ifm electronic Ltd
Oldfield Road, Hampton,
Middlesex TW12 2HD
T: 020 8213-2222
E: enquiry.gb@ifm.com
www.ifm.com/uk



SICK (UK) LTD
Waldkirch House, 39 Hedley Rd,
St Albans, Herts AL1 5BN
T: 01727 831121 F: 01727 856767
E: info@sick.co.uk www.sick.co.uk



RESOLVERS

Baumer Limited
33-36 Shrivvenham Hundred Business Park,
Majors Road, Watchfield, Swindon, Wiltshire, SN6 8TZ
T: +44 1793 783 839
E: sales.uk@baumer.com
www.baumer.com



RFID / DATA MATRIX

ifm electronic Ltd
Oldfield Road, Hampton,
Middlesex TW12 2HD
T: 020 8213-2222
E: enquiry.gb@ifm.com
www.ifm.com/uk



SICK (UK) LTD
Waldkirch House, 39 Hedley Rd,
St Albans, Herts AL1 5BN
T: 01727 831121 F: 01727 856767
E: info@sick.co.uk www.sick.co.uk



ROBOT SYSTEMS

BW Integrated Systems
Doncaster, Yorkshire DN11 8EW
T: 01302 711056 E: sales@bwintegratedsystems.com
www.bwintegratedsystems.com

CKF T: 01452 728753
E: info@ckf.co.uk
www.ckf.co.uk



FANUC Coventry, CV7 9DR
T: 024 7605 3000
E: marketing@fanuc.co.uk
www.fanuc.eu



PILZ Automation Technology
Pilz House, Little Colliers Field, Corby,
Northants, NN18 8TJ
T: 01536 460766
E: sales@pilz.co.uk www.pilz.co.uk



SAFETY COMPONENTS

PILZ Automation Technology
Pilz House, Little Colliers Field, Corby,
Northants, NN18 8TJ
T: 01536 460766
E: sales@pilz.co.uk www.pilz.co.uk



SAFETY LIGHT CURTAINS

ifm electronic Ltd
Oldfield Road, Hampton,
Middlesex TW12 2HD
T: 020 8213-2222
E: enquiry.gb@ifm.com
www.ifm.com/uk



PILZ Automation Technology
Pilz House, Little Colliers Field, Corby,
Northants, NN18 8TJ
T: 01536 460766
E: sales@pilz.co.uk www.pilz.co.uk



SICK (UK) LTD
Waldkirch House, 39 Hedley Rd,
St Albans, Herts AL1 5BN
T: 01727 831121 F: 01727 856767
E: info@sick.co.uk www.sick.co.uk



SAFETY SENSORS

ifm electronic Ltd
Oldfield Road, Hampton,
Middlesex TW12 2HD
T: 020 8213-2222
E: enquiry.gb@ifm.com
www.ifm.com/uk



SENSORS FOR AUTOMATION

Baumer Limited
33-36 Shrivvenham Hundred Business Park,
Majors Road, Watchfield, Swindon, Wiltshire, SN6 8TZ
T: +44 1793 783 839
E: sales.uk@baumer.com
www.baumer.com



ifm electronic Ltd
Oldfield Road, Hampton,
Middlesex TW12 2HD
T: 020 8213-2222
E: enquiry.gb@ifm.com
www.ifm.com/uk



PILZ Automation Technology
Pilz House, Little Colliers Field, Corby,
Northants, NN18 8TJ
T: 01536 460766
E: sales@pilz.co.uk www.pilz.co.uk



SICK (UK) LTD
Waldkirch House, 39 Hedley Rd,
St Albans, Herts AL1 5BN
T: 01727 831121 F: 01727 856767
E: info@sick.co.uk www.sick.co.uk



SERVO CONTROL SYSTEMS

Quin Systems Ltd
Oaklands Park,
Wokingham, RG41 2FD
T: 0118 977 1077
E: sales@quin.co.uk www.quin.co.uk



TACHOS

Baumer Limited
33-36 Shrivvenham Hundred Business Park,
Majors Road, Watchfield, Swindon, Wiltshire, SN6 8TZ
T: +44 1793 783 839
E: sales.uk@baumer.com
www.baumer.com



TEMPERATURE SENSORS

Baumer Limited
33-36 Shrivvenham Hundred Business Park,
Majors Road, Watchfield, Swindon, Wiltshire, SN6 8TZ
T: +44 1793 783 839
E: sales.uk@baumer.com
www.baumer.com



ifm electronic Ltd
Oldfield Road, Hampton,
Middlesex TW12 2HD
T: 020 8213-2222
E: enquiry.gb@ifm.com
www.ifm.com/uk



SICK (UK) LTD
Waldkirch House, 39 Hedley Rd,
St Albans, Herts AL1 5BN
T: 01727 831121 F: 01727 856767
E: info@sick.co.uk www.sick.co.uk



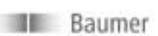
TIME OF FLIGHT SENSORS

ifm electronic Ltd
Oldfield Road, Hampton,
Middlesex TW12 2HD
T: 020 8213-2222
E: enquiry.gb@ifm.com
www.ifm.com/uk



ULTRASONIC SENSORS

Baumer Limited
33-36 Shrivvenham Hundred Business Park,
Majors Road, Watchfield, Swindon, Wiltshire, SN6 8TZ
T: +44 1793 783 839
E: sales.uk@baumer.com
www.baumer.com



ifm electronic Ltd
Oldfield Road, Hampton,
Middlesex TW12 2HD
T: 020 8213-2222
E: enquiry.gb@ifm.com
www.ifm.com/uk



SICK (UK) LTD
Waldkirch House, 39 Hedley Rd,
St Albans, Herts AL1 5BN
T: 01727 831121 F: 01727 856767
E: info@sick.co.uk www.sick.co.uk



VALVE FEEDBACK

ifm electronic Ltd
Oldfield Road, Hampton,
Middlesex TW12 2HD
T: 020 8213-2222
E: enquiry.gb@ifm.com
www.ifm.com/uk



VISION SENSORS

Baumer Limited
33-36 Shrivvenham Hundred Business Park,
Majors Road, Watchfield, Swindon, Wiltshire, SN6 8TZ
T: +44 1793 783 839
E: sales.uk@baumer.com
www.baumer.com



ifm electronic Ltd
Oldfield Road, Hampton,
Middlesex TW12 2HD
T: 020 8213-2222
E: enquiry.gb@ifm.com
www.ifm.com/uk



PILZ Automation Technology
Pilz House, Little Colliers Field, Corby,
Northants, NN18 8TJ
T: 01536 460766
E: sales@pilz.co.uk www.pilz.co.uk



SICK (UK) LTD
Waldkirch House, 39 Hedley Rd,
St Albans, Herts AL1 5BN
T: 01727 831121 F: 01727 856767
E: info@sick.co.uk www.sick.co.uk



MACHINERY FINDER

Processing Equipment

To advertise contact Robert Beswick

T 020 8773 5527 E robert.beswick@ppma.co.uk

ADHESIVES

J&B
J.R. Boone Ltd - Mixers
T: +44 (0)1260 272894
E: sales@jrboone.com
www.jrboone.com

AUTOCLAVES & STERILIZERS

Holmach Ltd
T: 01780 749097 E: sales@holmach.co.uk
www.holmach.co.uk

BAKERY PROCESS EQUIPMENT

Baker Perkins Ltd Baker Perkins
Manor Drive, Peterborough, PE4 7AP T: +44 1733 283000
E: bpltd@bakerperkins.com
www.bakerperkins.com

farleygreene
Unit 2, Hatch Industrial Park, Greywell Road, Mapledurwell, Hampshire RG24 7NG
T: +44 (0)1256 474 547
E: enquiries@farleygreene.com

FlexLink Systems Limited
Milton Keynes, MK14 5BN
T: 01908 327200
E: info.uk@flexlink.com
www.flexlink.com

J&B
J.R. Boone Ltd - Mixers
T: +44 (0)1260 272894
E: sales@jrboone.com
www.jrboone.com

Reiser UK Ltd REISER
The Reiser Building, Maidstone Rd, Kingston, Milton Keynes, MK10 0BD
T: 01908 585300 F: 01908 585400
E: salesuk@reiser.com www.reiser.com

BAKING

Reiser UK Ltd REISER
The Reiser Building, Maidstone Rd, Kingston, Milton Keynes, MK10 0BD
T: 01908 585300 F: 01908 585400
E: salesuk@reiser.com www.reiser.com

Steck Depositors Limited
Cophorne, West Sussex, RH10 3LF
T: +44 (0) 1293 873439
E: sales@steckdepositors.com
www.steckdepositors.com

BISCUIT PROCESS EQUIPMENT

Baker Perkins Ltd Baker Perkins
Manor Drive, Peterborough, PE4 7AP T: +44 1733 283000
E: bpltd@bakerperkins.com
www.bakerperkins.com

BLENDED

J&B
J.R. Boone Ltd - Mixers
T: +44 (0)1260 272894
E: sales@jrboone.com
www.jrboone.com

ProXES UK & Ireland Ltd terlet
T: +44 1480 400684
E: ukireland@proxes-group.com
W: proxes-group.com

Reiser UK Ltd REISER
The Reiser Building, Maidstone Rd, Kingston, Milton Keynes, MK10 0BD
T: 01908 585300 F: 01908 585400
E: salesuk@reiser.com www.reiser.com

Silverson Machines Ltd
Waterside, Chesham, Buckinghamshire HP5 1PQ
T: 01494 786331
E: sales@silverson.co.uk
www.silverson.co.uk

BOWL CHOPPER

Reiser UK Ltd REISER
The Reiser Building, Maidstone Rd, Kingston, Milton Keynes, MK10 0BD
T: 01908 585300 F: 01908 585400
E: salesuk@reiser.com www.reiser.com

BREAKFAST CEREAL PROCESS EQUIPMENT

Baker Perkins Ltd Baker Perkins
Manor Drive, Peterborough, PE4 7AP T: +44 1733 283000
E: bpltd@bakerperkins.com
www.bakerperkins.com

BULK PRODUCT HANDLING SYSTEMS

Coperion K-Tron GB
4 Acom Business Park, Stockport, Cheshire, SK4 1AS
T: 0161 209 4810
E: ckb@coperionktron.com
www.coperion.com

farleygreene
Unit 2, Hatch Industrial Park, Greywell Road, Mapledurwell, Hampshire RG24 7NG
T: +44 (0)1256 474 547
E: enquiries@farleygreene.com

JACOB (UK) LTD JACOB
T: 01694 722841
E: sales@jacob-uk.com
www.jacob-uk.com

piab
Oaks Ind. Est., Festival Drive, Loughborough, LE11 5XN
T: 01509 857010 F: 01509 857011
E: info-uk@piab.com www.piab.com

Riley Automation
E: sales@rileyautomation.com
T: 01332 275850 www.rileyautomation.com

SEWTEC AUTOMATION
Dewsbury WF13 3LG T: 01924 494047
E: sales@sewtec.co.uk www.sewtec.co.uk

Weber Packaging Solutions Weber
Macmerry Industrial Estate, Tranent, East Lothian, EH33 1HD
T: 01875 611 111 F: 01875 613 310
E: sales@weber.co.uk www.weber.co.uk

COATING MACHINES

J&B
J.R. Boone Ltd - Mixers
T: +44 (0)1260 272894
E: sales@jrboone.com
www.jrboone.com

Valco Melton UK VALCO MELTON
Hortonwood 32, Telford TF1 7YN
T: 01952 677911 F: 01952 677945
E: uk@valcomelton.com www.valcomelton.com

CONFECTIONERY PROCESS EQUIPMENT

Baker Perkins Ltd Baker Perkins
Manor Drive, Peterborough, PE4 7AP T: +44 1733 283000
E: bpltd@bakerperkins.com
www.bakerperkins.com

ProXES UK & Ireland Ltd terlet
T: +44 1480 400684
E: ukireland@proxes-group.com
W: proxes-group.com

Reiser UK Ltd REISER
The Reiser Building, Maidstone Rd, Kingston, Milton Keynes, MK10 0BD
T: 01908 585300 F: 01908 585400
E: salesuk@reiser.com www.reiser.com

CONVEYORS

CKF T: 01452 728753
E: info@ckf.co.uk
www.ckf.co.uk

CSL T: 01283 552255
E: sales@conveyorsystemsLtd.co.uk
www.conveyorsystemsLtd.co.uk

Grote Company GROTE
Wrexham, LL13 7YP
www.grotecompany.com
E: sales@grotecompany.com
T: 01978 362243 F: 01978 362255

piab
Oaks Ind. Est., Festival Drive, Loughborough, LE11 5XN
T: 01509 857010 F: 01509 857011
E: info-uk@piab.com www.piab.com

Reiser UK Ltd REISER
The Reiser Building, Maidstone Rd, Kingston, Milton Keynes, MK10 0BD
T: 01908 585300 F: 01908 585400
E: salesuk@reiser.com www.reiser.com

SEWTEC AUTOMATION
Dewsbury WF13 3LG T: 01924 494047
E: sales@sewtec.co.uk www.sewtec.co.uk

The Food Machinery Company Ltd
Rochester, Kent ME3 8RF
01634 272345
contact@foodmc.com
www.foodmc.co.uk

CONVEYORS - UV

JenAct
T: +44 (0)1256 892194
E: jenact@jenton.co.uk
www.jenact.co.uk

COOKING KETTLES

ProXES UK & Ireland Ltd terlet
T: +44 1480 400684
E: ukireland@proxes-group.com
W: proxes-group.com

The Food Machinery Company Ltd
Rochester, Kent ME3 8RF
01634 272345
contact@foodmc.com
www.foodmc.co.uk

COSMETIC & TOILETRY PROCESSING EQUIPMENT

Holmach Ltd
T: 01780 749097 E: sales@holmach.co.uk
www.holmach.co.uk

ProXES UK & Ireland Ltd terlet
T: +44 1480 400684
E: ukireland@proxes-group.com
W: proxes-group.com

DAIRY EQUIPMENT

FlexLink Systems Limited
Milton Keynes, MK14 5BN
T: 01908 327200
E: info.uk@flexlink.com
www.flexlink.com

Reiser UK Ltd REISER
The Reiser Building, Maidstone Rd, Kingston, Milton Keynes, MK10 0BD
T: 01908 585300 F: 01908 585400
E: salesuk@reiser.com www.reiser.com

Yorkshire Packaging Systems Ltd
Woodkirk Freight Terminal, Quarry Lane, Woodkirk, Dewsbury, West Yorkshire WF12 7JJ
T: 01924 441355 F: 01924 440686
E: enquiries@yps.co.uk www.yps.co.uk

DEPOSITORS LIQUIDS/SOLIDS

Baker Perkins Ltd Baker Perkins
Manor Drive, Peterborough, PE4 7AP T: +44 1733 283000
E: bpltd@bakerperkins.com
www.bakerperkins.com

Grote Company GROTE
Wrexham, LL13 7YP
www.grotecompany.com
E: sales@grotecompany.com
T: 01978 362243 F: 01978 362255

Karmelle Ltd
Unit 17, Queens Mill Industrial Estate, Queens Mill Lane, Huddersfield HD1 3RR
T: 01484 533356
E: Karmelle@gmail.com www.karmelle.com

Reiser UK Ltd REISER
The Reiser Building, Maidstone Rd, Kingston, Milton Keynes, MK10 0BD
T: 01908 585300 F: 01908 585400
E: salesuk@reiser.com www.reiser.com

Riggs Autopack Ltd riggsautopack
Nelson, Lancs BB9 0HU
T: 01282 440040
E: info@riggsautopack.co.uk
www.riggsautopack.co.uk

SP Filling Systems Ltd SP
Unit 28, Ddole Industrial Estate, Llandrindod Wells, Powys LD1 6DF
T: 01597 824918 F: 01597 822553
E: sales@sp-filling.co.uk www.sp-filling.co.uk

Steck Depositors Limited STECK
Cophorne, West Sussex, RH10 3LF
T: +44 (0) 1293 873439
E: sales@steckdepositors.com
www.steckdepositors.com

DRUM FILLING

Adelphi Group
Mill Green Road, Haywards Heath, West Sussex RH16 1XQ
T: 01444 472300
W: www.adelphi.uk.com

SP Filling Systems Ltd SP
Unit 28, Ddole Industrial Estate, Llandrindod Wells, Powys LD1 6DF
T: 01597 824918 F: 01597 822553
E: sales@sp-filling.co.uk www.sp-filling.co.uk

DRUM HANDLING

Packline Materials Handling
T: 01202 307700 E: info@packline.co.uk
www.packline.co.uk

EXTRUSION

Baker Perkins Ltd Baker Perkins
Manor Drive, Peterborough, PE4 7AP T: +44 1733 283000
E: bpltd@bakerperkins.com
www.bakerperkins.com

Reiser UK Ltd REISER
The Reiser Building, Maidstone Rd, Kingston, Milton Keynes, MK10 0BD
T: 01908 585300 F: 01908 585400
E: salesuk@reiser.com www.reiser.com

FILLING MACHINES: LIQUID

Adelphi Group
Mill Green Road, Haywards Heath, West Sussex RH16 1XQ
T: 01444 472300
W: www.adelphi.uk.com

Karmelle Ltd
Unit 17, Queens Mill Industrial Estate, Queens Mill Lane, Huddersfield HD1 3RR
T: 01484 533356
E: Karmelle@gmail.com www.karmelle.com

Riggs Autopack Ltd riggsautopack
Nelson, Lancs BB9 0HU
T: 01282 440040
E: info@riggsautopack.co.uk
www.riggsautopack.co.uk

SP Filling Systems Ltd SP
Unit 28, Ddole Industrial Estate, Llandrindod Wells, Powys LD1 6DF
T: 01597 824918 F: 01597 822553
E: sales@sp-filling.co.uk www.sp-filling.co.uk

FILTRATION EQUIPMENT

D.H. INDUSTRIES LIMITED
Sullivan House, Fenton Way, Laidon, Essex, SS15 6TD, UK
T: +44 (0)1268 410 666 - F: +44 (0)1268 410 777
E: dh@dhi.co.uk - www.dhi.co.uk

Goudsmit Magnetic Systems BV Goudsmit
T: +31 (0)40 2213283
E: info@goudsmit.eu
www.goudsmitmagnets.com

FOOD PROCESSING EQUIPMENT

farleygreene
Unit 2, Hatch Industrial Park, Greywell Road, Mapledurwell, Hampshire RG24 7NG
T: +44 (0)1256 474 547
E: enquiries@farleygreene.com

Processing Equipment To advertise contact Robert Beswick T 020 8773 5527 E robert.beswick@ppma.co.uk

Grote Company
Wrexham, LL13 7YP
www.grotecompany.com
E: sales@grotecompany.com
T: 01978 362243 F: 01978 362255



Holmach Ltd
T: 01780 749097 E: sales@holmach.co.uk
www.holmach.co.uk



J.R. Boone Ltd - Mixers
T: +44 (0)1260 272894
E: sales@jrboone.com
www.jrboone.com



Packline Materials Handling
T: 01202 307700 E: info@packline.co.uk
www.packline.co.uk



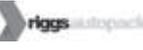
ProXES UK & Ireland Ltd
T: +44 1480 400684
E: ukireland@proxes-group.com
W: proxes-group.com



Reiser UK Ltd
The Reiser Building,
Maidstone Rd, Kingston, Milton Keynes, MK10 0BD
T: 01908 585300 F: 01908 585400
E: salesuk@reiser.com www.reiser.com



Riggs Autopack Ltd
Nelson, Lancs BB9 0HU
T: 01282 440040
E: info@riggsautopack.co.uk
www.riggsautopack.co.uk



HEAT EXCHANGERS

Krones UK Ltd
Westregan House,
Great Bank Road, Wingates Industrial Park,
Westhoughton, Bolton BL5 3XB
T: 01942 845000 F: 01942 845091
E: sales@krones.co.uk www.krones.com



ProXES UK & Ireland Ltd
T: +44 1480 400684
E: ukireland@proxes-group.com
W: proxes-group.com



HIGH PRESSURE PROCESSING EQUIPMENT (HPP)

Holmach Ltd
T: 01780 749097 E: sales@holmach.co.uk
www.holmach.co.uk



HOMOGENISATION

ProXES UK & Ireland Ltd
T: +44 1480 400684
E: ukireland@proxes-group.com
W: proxes-group.com



Silverson Machines Ltd
Waterside, Chesham, Buckinghamshire HP5 1PQ
T: 01494 786331
E: sales@silverson.co.uk
www.silverson.co.uk



MEAT PROCESSING EQUIPMENT

Reiser UK Ltd
The Reiser Building,
Maidstone Rd, Kingston, Milton Keynes, MK10 0BD
T: 01908 585300 F: 01908 585400
E: salesuk@reiser.com www.reiser.com



MINCING & GRINDING

Reiser UK Ltd
The Reiser Building,
Maidstone Rd, Kingston, Milton Keynes, MK10 0BD
E: salesuk@reiser.com www.reiser.com



MIXING MACHINES

J.R. Boone Ltd - Mixers
T: +44 (0)1260 272894
E: sales@jrboone.com
www.jrboone.com



ProXES UK & Ireland Ltd
T: +44 1480 400684
E: ukireland@proxes-group.com
W: proxes-group.com



Reiser UK Ltd
The Reiser Building,
Maidstone Rd, Kingston, Milton Keynes, MK10 0BD
T: 01908 585300 F: 01908 585400
E: salesuk@reiser.com www.reiser.com



Silverson Machines Ltd
Waterside, Chesham, Buckinghamshire HP5 1PQ
T: 01494 786331
E: sales@silverson.co.uk
www.silverson.co.uk



MIXING VESSELS

Adelphi Group
Mill Green Road, Haywards Heath,
West Sussex RH16 1XQ
T: 01444 472300
W: www.adelphi.co.uk



D.H. INDUSTRIES LIMITED
Sullivan House, Fenton Way, Laindon,
Essex, SS15 6TD, UK
T: +44 (0)1268 410 666 - F: +44 (0)1268 410 777
E: dh@dhi.co.uk - www.dhi.co.uk



ProXES UK & Ireland Ltd
T: +44 1480 400684
E: ukireland@proxes-group.com
W: proxes-group.com



PASTEURISERS

Holmach Ltd
T: 01780 749097 E: sales@holmach.co.uk
www.holmach.co.uk



KHS UK Limited
6 Monkspath Business Park,
Highlands Road, Shirley, Solihull, B90 4NY
T: 0121 713 6900 F: 0121 713 6935
E: info@khs.com www.khs.com



ProXES UK & Ireland Ltd
T: +44 1480 400684
E: ukireland@proxes-group.com
W: proxes-group.com

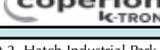


PHARMACEUTICAL PROCESSING

Baker Perkins Ltd
Manor Drive,
Peterborough, PE4 7AP T: +44 1733 283000
E: bpltd@bakerperkins.com
www.bakerperkins.com



Coperion K-Tron GB
4 Acom Business Park, Stockport, Cheshire, SK4 1AS
T: 0161 209 4810
E: ckb@coperionktron.com
www.coperionktron.com



Unit 2, Hatch Industrial Park,
Greywell Road, Mapledurwell,
Hampshire RG24 7NG
T: +44 (0)1256 474 547
E: enquiries@farleygreene.com



GRIPPLE AUTOMATION
info@gripplautomation.com
www.gripplautomation.com T: 0114 2800 830



Packline Materials Handling
T: 01202 307700 E: info@packline.co.uk
www.packline.co.uk



ProXES UK & Ireland Ltd
T: +44 1480 400684
E: ukireland@proxes-group.com
W: proxes-group.com



PIZZA EQUIPMENT

Grote Company
Wrexham, LL13 7YP
www.grotecompany.com
E: sales@grotecompany.com
T: 01978 362243 F: 01978 362255



Multipond Limited
Genoa Way, High Wycombe, HP11 1NY
T: 01494 471580 F: 01494 533487
E: info@multipond.co.uk www.multipond.com



Reiser UK Ltd
The Reiser Building,
Maidstone Rd, Kingston, Milton Keynes, MK10 0BD
T: 01908 585300 F: 01908 585400
E: salesuk@reiser.com www.reiser.com



Steck Depositors Limited
Cophorne, West Sussex, RH10 3LF
T: +44 (0) 1293 873439
E: sales@steckdepositors.com
www.steckdepositors.com



PUMPS VACUUM

piab
Oaks Ind. Est., Festival Drive,
Loughborough, LE11 5XN
T: 01509 857010 F: 01509 857011
E: info-uk@piab.com www.piab.com



SANDWICH PREPARATION EQUIPMENT

Grote Company
Wrexham, LL13 7YP
www.grotecompany.com
E: sales@grotecompany.com
T: 01978 362243 F: 01978 362255



Reiser UK Ltd
The Reiser Building,
Maidstone Rd, Kingston, Milton Keynes, MK10 0BD
T: 01908 585300 F: 01908 585400
E: salesuk@reiser.com www.reiser.com



SAUSAGE PRODUCTION EQUIPMENT

Reiser UK Ltd
The Reiser Building,
Maidstone Rd, Kingston, Milton Keynes, MK10 0BD
T: 01908 585300 F: 01908 585400
E: salesuk@reiser.com www.reiser.com



SIEVES & SEPARATORS

Unit 2, Hatch Industrial Park,
Greywell Road, Mapledurwell,
Hampshire RG24 7NG
T: +44 (0)1256 474 547
E: enquiries@farleygreene.com



SLICING & DICING

Grote Company
Wrexham, LL13 7YP
www.grotecompany.com
E: sales@grotecompany.com
T: 01978 362243 F: 01978 362255



IXAPACK GLOBAL
T: +33 772 142 856
E: laurent.noiraud@ixapack.com
www.ixapack.com



Reiser UK Ltd
The Reiser Building,
Maidstone Rd, Kingston, Milton Keynes, MK10 0BD
T: 01908 585300 F: 01908 585400
E: salesuk@reiser.com www.reiser.com



SMOKE GENERATORS

Reiser UK Ltd
The Reiser Building,
Maidstone Rd, Kingston, Milton Keynes, MK10 0BD
T: 01908 585300 F: 01908 585400
E: salesuk@reiser.com www.reiser.com



SMOKE OVENS

Reiser UK Ltd
The Reiser Building,
Maidstone Rd, Kingston, Milton Keynes, MK10 0BD
T: 01908 585300 F: 01908 585400
E: salesuk@reiser.com www.reiser.com



SNACK PROCESS EQUIPMENT

Baker Perkins Ltd
Manor Drive,
Peterborough, PE4 7AP T: +44 1733 283000
E: bpltd@bakerperkins.com
www.bakerperkins.com



Reiser UK Ltd
The Reiser Building,
Maidstone Rd, Kingston, Milton Keynes, MK10 0BD
T: 01908 585300 F: 01908 585400
E: salesuk@reiser.com www.reiser.com



SORTING EQUIPMENT

GRIPPLE AUTOMATION
info@gripplautomation.com
www.gripplautomation.com T: 0114 2800 830



Scorpion Vision Ltd
118 Gore Road, New Milton,
Hampshire BH25 6SJ
T: 01590 679333
E: sales@scorpionvision.co.uk
www.scorpionvision.co.uk



SPECIAL PURPOSE MACHINES

GRIPPLE AUTOMATION
info@gripplautomation.com
www.gripplautomation.com T: 0114 2800 830



SEWTEC AUTOMATION
Dewsbury WF13 3LG T: 01924 494047
E: sales@sewtec.co.uk www.sewtec.co.uk



SPICE & HERB STERILISATION

Holmach Ltd
T: 01780 749097 E: sales@holmach.co.uk
www.holmach.co.uk



STERILISING TUNNELS

JenAct
T: +44 (0)1256 892194
E: jenact@jenton.co.uk
www.jenact.co.uk



Weber Packaging Solutions
Macmerry Industrial Estate,
Tranent, East Lothian, EH33 1HD
T: 01875 611 111 F: 01875 613 310
E: sales@weber.co.uk www.weber.co.uk



VACUUM PROCESS VESSELS

J.R. Boone Ltd - Mixers
T: +44 (0)1260 272894
E: sales@jrboone.com
www.jrboone.com



Holmach Ltd
T: 01780 749097 E: sales@holmach.co.uk
www.holmach.co.uk



ProXES UK & Ireland Ltd
T: +44 1480 400684
E: ukireland@proxes-group.com
W: proxes-group.com



VISCOSITY CONTROL

Jenton International Ltd
T: +44 (0)1256 892194
E: sales@jenton.co.uk
www.jenton.co.uk



X-RAY INSPECTION

Ishida Europe Ltd
Kettles Wood Drive,
Woodgate Business Park, Birmingham B32 3DB
T: 0121 607 7700 F: 0121 607 7666
E: info@ishidaeurope.com www.ishidaeurope.com



Sealpac UK Ltd
Units 1-3, The Concept Centre,
Innovation Close, Poole, Dorset BH12 4QD, UK
T: 0845 302 3056 F: 0845 302 3057
E: sales@sealpac-uk.com www.sealpac-uk.com



Sparc Systems Ltd
Malvern, Worcestershire, WR13 6NP
T: 01684 310000
E: sales@sparc-systems.co.uk
www.sparc-systems.co.uk



MACHINERY FINDER

Packaging Machinery

To advertise contact Robert Beswick

T 020 8773 5527 E robert.beswick@ppma.co.uk

ADHESIVES

igluetech® Glueing Technology
Melksham, Wiltshire SN12 6TT
T: 01225 783456
E: general@igluetech.co.uk www.igluetech.co.uk

ADHESIVE APPLICATORS

igluetech® Glueing Technology
Melksham, Wiltshire SN12 6TT
T: 01225 783456
E: general@igluetech.co.uk www.igluetech.co.uk

Nordson (U.K.) Ltd.
25 Faraday Road, Rabans Lane Industrial Area,
Aylesbury, HP19 8RY
T: 01296 610 140 F: 01296 610 175
E: sales@uk.nordson.com
www.nordson.co.uk/adhesives

Robatech Gluing Technology
Basildon, Essex, SS15 6SW
T: 01268 490035
E: info@robatechgt.com
www.robatechgt.com

Valco Melton UK
Hortonwood 32,
Telford TF1 7YN
T: 01952 677911 F: 01952 677945
E: uk@valcomelton.com www.valcomelton.com

Weber Packaging Solutions
Macmerry Industrial Estate,
Tranent, East Lothian, EH33 1HD
T: 01875 611 111 F: 01875 613 310
E: sales@weber.co.uk www.weber.co.uk

AEROSOL & SPRAY EQUIPMENT

D.H. INDUSTRIES LIMITED
Sullivan House, Fenton Way, Laindon,
Essex, SS15 6TD, UK
T: +44 (0)1268 410 666 - F: +44 (0)1268 410 777
E: dh@dhi.co.uk - www.dhi.co.uk

AUTOMATIC GUIDED VEHICLES

Ocme UK Ltd
King John Hse, Kingsclere Park,
Kingsclere, Newbury, Berkshire RG20 4SW UK
T: 01635 298171 F: 01635 297936
E: sales.uk@ocme.com www.ocme.com

Scott Automation Ltd (Alvey)
T: +44 1925 426 001
E: info@scottautomation.co.uk
www.scottautomation.co.uk

BAGGING EQUIPMENT

BW Flexible Systems
Nottingham, NG9 1PF, United Kingdom
T: 0115 967 8787 E: sales@bwflexiblesystems.com
www.bwflexiblesystems.com

Fischbein-Saxon Ltd
T: +44 (0) 844 372 2877
E: sales@fischbein-saxon.co.uk
www.fischbein.com/eastern

Gainsborough Engineering Company
Long Wood Road, Corringham Road Industrial Estate,
Gainsborough, DN21 1QB
T: 01427 617677
E: sales@gains-eng.co.uk
www.gains-eng.co.uk

Gainsborough Industrial Controls Ltd
Alpha Works, Sandars Road, Heapham Road
Industrial Estate, Gainsborough DN21 1RZ
T: 01427 611885
E: sales@gic.uk.net www.gic.uk.net

Ilapak Ltd
Uxbridge, Middlesex
UB8 2YF
T: 020 8797 2000
E: sales@ilapak.co.uk www.ilapak.com

Line Equipment Ltd
Nottingham, NG16 3SU
T: 01773 717007
E: machines@lineequipment.co.uk
www.lineequipment.co.uk

Optima Packaging Machinery PLC
7 Loader Close, Kings Worthy, Hampshire SO23 7TF
T: 01962 620898 F: +49 (0)791/506-6500
E: info@optima-gb.com
www.optima-gb.com

pfm
Packaging Machinery
PFM House, 2 Pilgrim Way,
Leeds LS28 6LU
T: +44 (0)113 2393401
E: sales@pfmuk.com
www.pfmuk.com

Rovema Packaging Machines Ltd
8 Merlin Centre, Gatehouse Close,
Aylesbury, Bucks HP19 8DP
T: 01296 310490 F: 01296 483440
E: sales@rovema.co.uk
www.rovema.com

STATEC BINDER GmbH
Industriestrasse 32, 8200 Gleisdorf,
Austria. T: +43 3112 38580-0
E: office@statec-binder.com
www.statec-binder.com

BAG PALLETISERS

ADPAK 30 YEARS
PACKAGING SYSTEMS & FILMS
T: 01282 601444 E: sales@adpak.co.uk
www.adpakmachinerysystems.com

CKF T: 01452 728753
E: info@ckf.co.uk
THE AUTOMATIC SOLUTION www.ckf.co.uk

endoline ROBOTICS
T: 01767 316422 E: sales@endoline-automation.com
www.endoline-robotics.com

Fischbein-Saxon Ltd
T: +44 (0) 844 372 2877
E: sales@fischbein-saxon.co.uk
www.fischbein.com/eastern

STATEC BINDER GmbH
Industriestrasse 32, 8200 Gleisdorf,
Austria. T: +43 3112 38580-0
E: office@statec-binder.com
www.statec-binder.com

BAG SEALERS

Autopack Ltd
Unit 6, Twyford Court, Rotherwas
Industrial Estate, Hereford HR2 6JR
T: 01432 800 377
E: info@auto-pack.co.uk
www.auto-pack.co.uk

Fischbein-Saxon Ltd
T: +44 (0) 844 372 2877
E: sales@fischbein-saxon.co.uk
www.fischbein.com/eastern

Jenton International Ltd
T: +44 (0)1256 892194
E: sales@jenton.co.uk
www.jenton.co.uk

RM Sealers Ltd
Valley Farm, Dagnall, Herts HP4 1QR
T: 01442 843387
E: enquiries@rmsealers.co.uk
www.rmsealers.co.uk

STATEC BINDER GmbH
Industriestrasse 32, 8200 Gleisdorf,
Austria. T: +43 3112 38580-0
E: office@statec-binder.com
www.statec-binder.com

Valco Melton UK
Hortonwood 32,
Telford TF1 7YN
T: 01952 677911 F: 01952 677945
E: uk@valcomelton.com www.valcomelton.com

BANDING

Jenton International Ltd
T: +44 (0)1256 892194
E: sales@jenton.co.uk
www.jenton.co.uk

Sollas UK Ltd
Hampshire RG28 7BB
T: 01256 896930
E: sales@sollasuk.com www.sollas.com

BAR CODE READER VERIFICATION-OCR

Atwell
self-adhesive Labellers
T: 01444 239970
E: sales@atwell-labellers.co.uk www.labeller.co.uk

Bytronic Birmingham, B60 1BL
T: +44 (0)1564 793174
E: enquiries@bytronic.com
www.bytronic.com

Logopak www.logopak.co.uk
T: 01904 692333

Olmec-UK Ltd
Barton-Upon-Humber
DN18 5RL
T: 01652 631960
E: sales@olmec-uk.com www.olmec-uk.com

SICK (UK) LTD
Waldkirch House, 39 Hedley Rd,
St Albans, Herts AL1 5BN
T: 01727 831121 F: 01727 856767
E: info@sick.co.uk www.sick.co.uk

Valco Melton UK
Hortonwood 32,
Telford TF1 7YN
T: 01952 677911 F: 01952 677945
E: uk@valcomelton.com www.valcomelton.com

BAR CODE SYSTEMS

Advanced Labelling Systems Ltd
Unit B, Bandet Way, Thame Ind.
Estate, Thame, Oxon OX9 3SJ
T: 01844 213177
E: sales@als-eu.com www.als-eu.com

Cobalt Systems Ltd
Cobalt House, Arden Square,
Electra Way, Crewe, CW1 6HA
T: 01270 539800
E: sales@cobaltis.co.uk www.cobaltis.co.uk

Industrial Labelling Systems Ltd
D4 Brookside Business Park, Manchester M24 1GS
T: 0161 655 4846
E: sales@ilsystems.co.uk
www.ilsystems.co.uk

Leuze electronic
the sensor people
01480 408500 mail@leuze.co.uk www.leuze.co.uk

Weber Packaging Solutions
Macmerry Industrial Estate,
Tranent, East Lothian, EH33 1HD
T: 01875 611 111 F: 01875 613 310
E: sales@weber.co.uk www.weber.co.uk

BESPOKE MACHINE BUILDER

Atwell
self-adhesive Labellers
T: 01444 239970
E: sales@atwell-labellers.co.uk www.labeller.co.uk

GRIPPLE AUTOMATION
info@grippleautomation.com
www.grippleautomation.com T: 0114 2800 830

SEWTEC AUTOMATION
Dewsbury WF13 3LG T: 01924 494047
E: sales@sewtec.co.uk www.sewtec.co.uk

BLOW MOULDERS

Evolution BPS
T: 01721 724296
E: sales@evolutionbps.co.uk
www.evolutionbps.co.uk

KHS UK Limited
6 Monkspath Business Park,
Highlands Road, Shirley, Solihull, B90 4NY
T: 0121 713 6900 F: 0121 713 6935
E: info@khs.com www.khs.com

BOARD SEALERS

MPE UK LIMITED
Whaley Bridge, Derbyshire SK23 7DQ
T: +44 1663 732 700
E: mark@mpe-uk.com
www.mpe-uk.com

BOX MAKING MACHINERY

Endoline Machinery Ltd
Biggleswade, SG18 8QB
T: 01767 316422
E: sales@endoline-automation.com
www.endoline-automation.com

SEWTEC AUTOMATION
Dewsbury WF13 3LG T: 01924 494047
E: sales@sewtec.co.uk www.sewtec.co.uk

CAN FILLING EQUIPMENT

All-Fill International Ltd
5 Gateshead Close, Sunderland Rd,
Sandy, Bedfordshire SG19 1RS
T: 01767 691100
E: info@allfill.co.uk www.allfill.co.uk

KHS UK Limited
6 Monkspath Business Park,
Highlands Road, Shirley, Solihull, B90 4NY
T: 0121 713 6900 F: 0121 713 6935
E: info@khs.com www.khs.com

Multipond Limited
Genoa Way, High Wycombe, HP11 1NY
T: 01494 471580 F: 01494 533487
E: info@multipond.co.uk www.multipond.com

CAPPERS

Adelphi Group
Mill Green Road, Haywards Heath,
West Sussex RH16 1XQ
T: 01444 472300
W: www.adelphi.uk.com

Autopack Ltd
Unit 6, Twyford Court, Rotherwas
Industrial Estate, Hereford HR2 6JR
T: 01432 800 377
E: info@auto-pack.co.uk
www.auto-pack.co.uk

Cap Coder Ltd
Monument Business Park,
Chalgrave, Oxford, OX44 7RW
T: 01865 891466
E: sales@capcoder.com www.capcoder.com

Evolution BPS
T: 01721 724296
E: sales@evolutionbps.co.uk
www.evolutionbps.co.uk

Holmach Ltd
T: 01780 749097 E: sales@holmach.co.uk
www.holmach.co.uk

Karmelle Ltd
Unit 17, Queens Mill Industrial Estate,
Queens Mill Lane, Huddersfield HD1 3RR
T: 01484 533356
E: Karmelle@gmail.com www.karmelle.com

Optima Packaging Machinery PLC
7 Loader Close, Kings Worthy, Hampshire SO23 7TF
T: 01962 620898 F: +49 (0)791/506-6500
E: info@optima-gb.com
www.optima-gb.com

Propack Automation Machinery Ltd
10 Hill Wootton Rd, Leek Wootton, Warwicks, CV35 7QL
T: 02476 470074
E: office@propack.co.uk
www.propack.co.uk

SP Filling Systems Ltd
Unit 28, Ddole Industrial Estate,
Llandrindod Wells, Powys LD1 6DF
T: 01597 824918 F: 01597 822553
E: sales@sp-filling.co.uk www.sp-filling.co.uk

CARTONING SYSTEMS

CAMA 3 Ltd
Suite 44, Berkeley House,
Hunts Rise, South Marston Park,
Swindon, Wilts, SN3 4TG
T: 01793 831111 F: 01793 831481
E: cama3@camagroup.com www.camagroup.com

Packaging Machinery

To advertise contact Robert Beswick T 020 8773 5527 E robert.beswick@ppma.co.uk

CME Ltd
Combe St Nicholas, Somerset, TA20 3NL
T: 01460 269500
E: cme@cme-ld.com
www.cme-ld.com



ETPACK SPRINTER UK LTD
NEWBURY, BERKS, RG14 5SJ
T: 01635 905090
E: dianne@et-pack.com
www.et-pack.com



igluetech® Glueing Technology
Melksham, Wiltshire SN12 6TT
T: 01225 783456
E: general@igluetech.co.uk www.igluetech.co.uk

Jacob White Packaging Ltd
Riverside Way, Dartford, Kent DA1 5BY
T: 01322 272531 F: 01322 270692
E: enquiries@jacobwhite.com
www.jacobwhite.com



KEYMAC PACKAGING SYSTEMS
28b Burnett Business Park, Gypsy Lane, Keynsham, Bristol BS31 2ED
T: 0117 986 5417
E: sales@keymac.co.uk www.keymac.co.uk



Kliklok International Ltd
Western Drive, Bristol BS14 0AY
E: Jason.Godwin@syntegon.com
T: 01275 557639
www.syntegon.com



Mediseal GmbH
Körber Medipak Systems UK
Fairacres, Windsor SL4 4LE
T: 01753 754865
www.mediseal.de



Mpac Langen
+31 24 648 66 55
sales.emea@mpac-group.com
www.mpac-group.com



Optima Packaging Machinery PLC
7 Loader Close, Kings Worthy, Hampshire SO23 7TF
T: 01962 620898 F: +49 (0)791/506-6500
E: info@optima-gb.com
www.optima-gb.com



Propack Automation Machinery Ltd
10 Hill Wootton Rd, Leek Wootton, Warwicks, CV35 7QL
T: 02476 470074
E: office@propack.co.uk
www.propack.co.uk



RAUPACK
105 Newdigate Road, Nottingham, NG16 1HN
T: 0115 875 9846
E: contact@raupack.co.uk www.raupack.co.uk



Rovema Packaging Machines Ltd
8 Merlin Centre, Gatehouse Close, Aylesbury, Bucks HP19 8DP
T: 01296 310490 F: 01296 483440
E: sales@rovema.co.uk
www.rovema.com



CASE ERECTING/FILLING SEALING

ADPAK 30 YEARS
PACKAGING SYSTEMS & FILMS
T: 01282 601444 E: sales@adpak.co.uk
www.adpakmachinerysystemsLtd.co.uk

Aetna UK Limited
Oakley, Bedford, MK43 7TA
T: 01234 825050
E: sales.uk@robopac.com www.aetnagroup.co.uk



CAMA 3 Ltd
Suite 44, Berkeley House, Hunts Rise, South Marston Park, Swindon, Wilts, SN3 4TG
T: 01793 831111 F: 01793 831481
E: cama3@camagroup.com www.camagroup.com



CKF T: 01452 728753
E: info@ckf.co.uk
www.ckf.co.uk



Endline Machinery Ltd
Biggleswade, SG18 8QB
T: 01767 316422
E: sales@endline-automation.com
www.endline-automation.com



ETT UK Limited
Beccles, Suffolk, NR34 7TD
T: 01502 470812
E: geoff@ett-uk.com
www.ett-uk.com



Evolution BPS
T: 01721 724296
E: sales@evolutionbps.co.uk
www.evolutionbps.co.uk



iXAPACK GLOBAL
T: +33 772 142 856
E: laurent.noiraud@ixapack.com
www.ixapack.com



Jacob White Packaging Ltd
Riverside Way, Dartford, Kent DA1 5BY
T: 01322 272531 F: 01322 270692
E: enquiries@jacobwhite.com
www.jacobwhite.com



Propack Automation Machinery Ltd
10 Hill Wootton Rd, Leek Wootton, Warwicks, CV35 7QL
T: 02476 470074
E: office@propack.co.uk
www.propack.co.uk



Quin Systems Ltd
Oaklands Park, Wokingham, RG41 2FD
T: 0118 977 1077
E: sales@quin.co.uk www.quin.co.uk



SCM Handling Ltd
Broadgauge Business Park, Taunton, Somerset, TA4 3RU
T: 01823 431838 F: 01823 430806
E: sales@scmhandling.com www.scmhandling.com



SEWTEC AUTOMATION
Dewsbury WF13 3LG T: 01924 494047
E: sales@sewtec.co.uk www.sewtec.co.uk



Siat.co.uk 4 Excalibur Halls, Anson Way, Beccles NR34 7JT
T: 01502 717818
E: info@siat.co.uk
www.siat.co.uk



SOCO SYSTEM (UK) Ltd
Unit 10, Palmerston Street, Hartley, Stokes-On-Trent, Staffs, ST1 3EU
T: 01782 274100 F: 01782 272696
E: info@socosystem.com
www.socosystem.com



Tekpak Automation Ltd (UK)
T: +44 (0)113 3505694
E: sales@tepkak.co.uk
www.tepkak.co.uk



WestRock
Unit 3 Malory Road, Beacon Park, Gorleston, Great Yarmouth, NR31 7DT, UK T: 01493 257070
E: aps.uk@westrock.com www.westrock.com/automation-uk



CASE LINING/FILLING/CLOSING

Endline Machinery Ltd
Biggleswade, SG18 8QB
T: 01767 316422
E: sales@endline-automation.com
www.endline-automation.com



SEWTEC AUTOMATION
Dewsbury WF13 3LG T: 01924 494047
E: sales@sewtec.co.uk www.sewtec.co.uk



WestRock
Unit 3 Malory Road, Beacon Park, Gorleston, Great Yarmouth, NR31 7DT, UK T: 01493 257070
E: aps.uk@westrock.com www.westrock.com/automation-uk



CASE PACKERS AUTOMATIC

AMP automation T: +44 1427 611 969
E: sales@ampautomation.co.uk
www.ampautomation.co.uk



BW Integrated Systems
Doncaster, Yorkshire DN11 8EW
T: 01302 711056 E: sales@bwintegratedsystems.com
www.bwintegratedsystems.com



CAMA 3 Ltd
Suite 44, Berkeley House, Hunts Rise, South Marston Park, Swindon, Wilts, SN3 4TG
T: 01793 831111 F: 01793 831481
E: cama3@camagroup.com www.camagroup.com



CKF T: 01452 728753
E: info@ckf.co.uk
www.ckf.co.uk



Endline Machinery Ltd
Biggleswade, SG18 8QB
T: 01767 316422
E: sales@endline-automation.com
www.endline-automation.com



ETT UK Limited
Beccles, Suffolk, NR34 7TD
T: 01502 470812
E: geoff@ett-uk.com
www.ett-uk.com



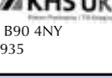
iXAPACK GLOBAL
T: +33 772 142 856
E: laurent.noiraud@ixapack.com
www.ixapack.com



Jacob White Packaging Ltd
Riverside Way, Dartford, Kent DA1 5BY
T: 01322 272531 F: 01322 270692
E: enquiries@jacobwhite.com
www.jacobwhite.com



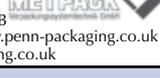
KHS UK Limited
6 Monkspath Business Park, Highlands Road, Shirley, Solihull, B90 4NY
T: 0121 713 6900 F: 0121 713 6935
E: info@khs.com www.khs.com



Mpac Langen
+1 905 670 7200
sales.americas@mpac-group.com
www.mpac-group.com



Penn Packaging Ltd
Harkstead Hall Barn, Ipswich, Suffolk IP9 1DB
T: 01473 893990 www.penn-packaging.co.uk
E: email@penn-packaging.co.uk



Quin Systems Ltd
Oaklands Park, Wokingham, RG41 2FD
T: 0118 977 1077
E: sales@quin.co.uk www.quin.co.uk



Rovema Packaging Machines Ltd
8 Merlin Centre, Gatehouse Close, Aylesbury, Bucks HP19 8DP
T: 01296 310490 F: 01296 483440
E: sales@rovema.co.uk
www.rovema.com



SEWTEC AUTOMATION
Dewsbury WF13 3LG T: 01924 494047
E: sales@sewtec.co.uk www.sewtec.co.uk



Siat.co.uk 4 Excalibur Halls, Anson Way, Beccles NR34 7JT
T: 01502 717818
E: info@siat.co.uk
www.siat.co.uk



Tekpak Automation Ltd (UK)
T: +44 (0)113 3505694
E: sales@tepkak.co.uk
www.tepkak.co.uk



WestRock
Unit 3 Malory Road, Beacon Park, Gorleston, Great Yarmouth, NR31 7DT, UK T: 01493 257070
E: aps.uk@westrock.com www.westrock.com/automation-uk



CASE TAPING/STRAPPING/GLUING

ADPAK 30 YEARS
PACKAGING SYSTEMS & FILMS
T: 01282 601444 E: sales@adpak.co.uk
www.adpakmachinerysystemsLtd.co.uk

Aetna UK Limited
Oakley, Bedford, MK43 7TA
T: 01234 825050
E: sales.uk@robopac.com www.aetnagroup.co.uk



Endline Machinery Ltd
Biggleswade, SG18 8QB
T: 01767 316422
E: sales@endline-automation.com
www.endline-automation.com



Nordson (U.K.) Ltd.
25 Faraday Road, Rabans Lane Industrial Area, Aylesbury, HP19 8RY
T: 01296 610 140 F: 01296 610 175
E: sales.uk.nordson.com
www.nordson.co.uk/adhesives



SEWTEC AUTOMATION
Dewsbury WF13 3LG T: 01924 494047
E: sales@sewtec.co.uk www.sewtec.co.uk



Siat.co.uk 4 Excalibur Halls, Anson Way, Beccles NR34 7JT
T: 01502 717818
E: info@siat.co.uk
www.siat.co.uk



CENTRIFUGAL BOWL FEEDERS

SEWTEC AUTOMATION
Dewsbury WF13 3LG T: 01924 494047
E: sales@sewtec.co.uk www.sewtec.co.uk



CHECKWEIGHER METAL DETECTOR COMBI UNITS

Anritsu Infivis Ltd
Unit 3, Scott Road, Luton, LU3 3BF, UK
T: +44 (0)845 539 9729
www.anritsu.com/en-GB/infivis



Anritsu Infivis Ltd
Unit 3, Scott Road, Luton, LU3 3BF, UK
T: +44 (0)845 539 9729
www.anritsu.com/en-GB/infivis



iXAPACK GLOBAL
T: +33 772 142 856
E: laurent.noiraud@ixapack.com
www.ixapack.com



Sparc Systems Ltd
Malvern, Worcestershire, WR13 6NP
T: 01684 310000
E: sales@sparc-systems.co.uk
www.sparc-systems.co.uk



The Food Machinery Company Ltd
Rochester, Kent ME3 8RF
T: 01634 272345
contact@foodmc.com
www.foodmc.co.uk



CHECKWEIGHERS

Anritsu Infivis Ltd
Unit 3, Scott Road, Luton, LU3 3BF, UK
T: +44 (0)845 539 9729
www.anritsu.com/en-GB/infivis



Ishida Europe Ltd Kettles Wood Drive, Woodgate Business Park, Birmingham B32 3DB
T: 0121 607 7700 F: 0121 607 7666
E: info@ishidaeurope.com www.ishidaeurope.com



M.D.S. Ltd Metal Detection Services
St. Martins Studios, Greenbank Road, Sale, Cheshire M33 5PL
T: Sales 0161 286 8755 T: 0161 286 8750
E: sales@mds.org.uk www.mds.org.uk



Reiser UK Ltd
The Reiser Building, Maidstone Rd, Kingstons, Milton Keynes, MK10 0BD
T: 01908 585300 F: 01908 585400
E: salesuk@reiser.com www.reiser.com



Sparc Systems Ltd
Malvern, Worcestershire, WR13 6NP
T: 01684 310000
E: sales@sparc-systems.co.uk
www.sparc-systems.co.uk



The Food Machinery Company Ltd
Rochester, Kent ME3 8RF
T: 01634 272345
contact@foodmc.com
www.foodmc.co.uk



Yamato
Leeds, LS11 5AL
T: 0113 322 1546
E: sales1@yamatoscale.co.uk
www.yamatoscale.co.uk



CHECKWEIGHERS - COMBINATION

iXAPACK GLOBAL
T: +33 772 142 856
E: laurent.noiraud@ixapack.com
www.ixapack.com



M.D.S. Ltd Metal Detection Services
St. Martins Studios, Greenbank Road, Sale, Cheshire M33 5PL
T: Sales 0161 286 8755 T: 0161 286 8750
E: sales@mds.org.uk www.mds.org.uk



CODING & MARKING

Advanced Labelling Systems Ltd
Unit B, Bandet Way, Thame Ind. Estate, Thame, Oxon OX9 3SJ
T: 01844 213177
E: sales@als-eu.com www.als-eu.com



To advertise contact Robert Beswick T 020 8773 5527 E robert.beswick@ppma.co.uk **Packaging Machinery**

ATD Marking Systems
Marley House, The Mill, Great Bowden Road,
Market Harborough, Leicestershire, LE16 7DE
T: 01858 461014 F: 01858 436900
E: mail@atduk.com www.atduk.com



Atwell
self-adhesive Labellers
T: 01444 239970
E: sales@atwell-labellers.co.uk www.labeller.co.uk



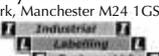
Clearmark Solutions (ICE)
Nottingham NG15 0DP
T: 01159 640144
E: enquiries@uk.interactivecoding.com
www.interactivecoding.co.uk



Domino UK Ltd
Bar Hill, Cambridge
CB23 8TU
T: 01954 782551 E: enquiries@domino-uk.com
www.domino-uk.com



Industrial Labelling Systems Ltd
D4 Brookside Business Park, Manchester M24 1GS
T: 0161 655 4846
E: sales@ilsystems.co.uk
www.ilsystems.co.uk



Linx Printing Technologies Ltd
St. Ives, PE27 5JL
T: 01480 302661
E: uksales@linx.co.uk www.linx.co.uk



Open Date Equipment Ltd
Mitchem, Surrey CR4 4DG
T: 020 8655 4999
E: sales@opendate.co.uk
www.opendate.co.uk



PrintSafe
KBA
T: 01962 761761 E: sales@printsafe.co.uk
www.printsafe.co.uk



Rotech Machines Limited
Hertfordshire AL7 1AJ
T: +44 (0) 1707 393700
E: sales@rotechmachines.com
www.rotechmachines.com



Sojet
www.t-mark.co.uk
email: sales@t-mark.co.uk
call: 0870 803 1877



SEWTEC AUTOMATION
Dewsbury WF13 3LG T: 01924 494047
E: sales@sewtec.co.uk www.sewtec.co.uk



Weber Packaging Solutions
Macmerry Industrial Estate,
Tranent, East Lothian, EH33 1HD
T: 01875 611 111 F: 01875 613 310
E: sales@weber.co.uk www.weber.co.uk



CODING MANAGEMENT SOFTWARE

SEWTEC AUTOMATION
Dewsbury WF13 3LG T: 01924 494047
E: sales@sewtec.co.uk www.sewtec.co.uk



COLLATING EQUIPMENT

CME Ltd
Combe St Nicholas, Somerset, TA20 3NL
T: 01460 269500
E: cme@cme-ltd.com
www.cme-ltd.com



SEWTEC AUTOMATION
Dewsbury WF13 3LG T: 01924 494047
E: sales@sewtec.co.uk www.sewtec.co.uk



CONFECTIONERY WRAPPING MACHINES

CME Ltd
Combe St Nicholas, Somerset, TA20 3NL
T: 01460 269500
E: cme@cme-ltd.com
www.cme-ltd.com



Paramount Packaging Systems
T: 01252 815252
E: fuji@paramount-packaging.co.uk
www.paramount-packaging.co.uk



CONTRACT LABELLING

Advanced Labelling Systems Ltd
Unit B, Bandet Way, Thame Ind.
Estate, Thame, Oxon OX9 3SJ
T: 01844 213177
E: sales@als-eu.com www.als-eu.com



Atwell
self-adhesive Labellers
T: 01444 239970
E: sales@atwell-labellers.co.uk www.labeller.co.uk



Premier Labellers
British Manufacturer Labelling Machinery
T: 01255 553822
E: sales@premierlabellers.co.uk www.premierlabellers.co.uk



CONVERGERS

Atwell
self-adhesive Labellers
T: 01444 239970
E: sales@atwell-labellers.co.uk www.labeller.co.uk



Jenton Ariana
T: +44 (0)1256 892194
E: sales@jenton.co.uk
www.jentonariana.co.uk



Kensal Handling Systems
Kensal House, President Way,
Luton, LU2 9NR
T: +44 (0) 1 582 425 777 F: +44 (0) 1 582 425 776
E: sales@kensal.com www.kensal.com



SEWTEC AUTOMATION
Dewsbury WF13 3LG T: 01924 494047
E: sales@sewtec.co.uk www.sewtec.co.uk



CONVEYORS

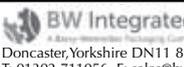
Advance Automated Systems Ltd
T: 01325 328930
E: sales@advance-as.co.uk
www.advanceconveyors.co.uk



Astec Conveyors
Robian Way, Swadlincote, Derbyshire DE11 9DH
T: 01283 210333 F: 01283 210444
E: Sales@Astecconveyors.com
www.astecconveyors.com



BW Integrated Systems
A Bury-Wharfedale Packaging Company
Doncaster, Yorkshire DN11 8EW
T: 01302 711056 E: sales@bwintegratedsystems.com
www.bwintegratedsystems.com



Cap Coder Ltd
Monument Business Park,
Chalgrove, Oxford, OX44 7RW
T: 01865 891466
E: sales@capcoder.com www.capcoder.com



CKF
T: 01452 728753
E: info@ckf.co.uk
www.ckf.co.uk



endoline ROBOTICS
T: 01767 316422 E: sales@endoline-automation.com
www.endoline-robotics.com



Fischbein-Saxon Ltd
T: +44 (0) 844 372 2877
E: sales@fischbein-saxon.co.uk
www.fischbein.com/eastern



FlexLink Systems Limited
Milton Keynes, MK14 5BN
T: 01908 327200
E: info.uk@flexlink.com
www.flexlink.com



Interroll Ltd
Orion Way, Kettering,
Northants, NN15 6NL
General Enquiries: gb.sales@interroll.com
Service Enquiries: uk.service@interroll.com
T: 01536 312770 www.interroll.co.uk



Kensal Handling Systems
Kensal House, President Way,
Luton, LU2 9NR
T: +44 (0) 1 582 425 777 F: +44 (0) 1 582 425 776
E: sales@kensal.com www.kensal.com



piab
Oaks Ind. Est., Festival Drive,
Loughborough, LE11 5XN
T: 01509 857010 F: 01509 857011
E: info-uk@piab.com www.piab.com



SCM Handling Ltd
Broadgauge Business Park, Taunton,
Somerset, TA4 3RU
T: 01823 431838 F: 01823 430806
E: sales@scmhandling.com www.scmhandling.com



SEWTEC AUTOMATION
Dewsbury WF13 3LG T: 01924 494047
E: sales@sewtec.co.uk www.sewtec.co.uk



The Food Machinery Company Ltd
Rochester, Kent ME3 8RF
01634 272345
contact@foodmc.com
www.foodmc.co.uk



Weber Packaging Solutions
Macmerry Industrial Estate,
Tranent, East Lothian, EH33 1HD
T: 01875 611 111 F: 01875 613 310
E: sales@weber.co.uk www.weber.co.uk



CONVEYORS (AIR)

SEWTEC AUTOMATION
Dewsbury WF13 3LG T: 01924 494047
E: sales@sewtec.co.uk www.sewtec.co.uk



CONVEYORS - MOTORISED DRUMS

Interroll Ltd
Orion Way, Kettering,
Northants, NN15 6NL
General Enquiries: gb.sales@interroll.com
Service Enquiries: uk.service@interroll.com
T: 01536 312770 www.interroll.co.uk



CONVEYORS - PALLET

Astec Conveyors
Robian Way, Swadlincote, Derbyshire DE11 9DH
T: 01283 210333 F: 01283 210444
E: Sales@Astecconveyors.com
www.astecconveyors.com



CKF
T: 01452 728753
E: info@ckf.co.uk
www.ckf.co.uk



CSL
T: 01283 552255
E: sales@conveyorsystems.co.uk
www.conveyorsystems.co.uk



Kensal Handling Systems
Kensal House, President Way,
Luton, LU2 9NR
T: +44 (0) 1 582 425 777 F: +44 (0) 1 582 425 776
E: sales@kensal.com www.kensal.com



Scott Automation Ltd (Alvey)
T: +44 1925 426 001
E: info@scottautomation.co.uk
www.scottautomation.co.uk



CONVEYORS - POWERED ROLLER

Astec Conveyors
Robian Way, Swadlincote, Derbyshire DE11 9DH
T: 01283 210333 F: 01283 210444
E: Sales@Astecconveyors.com
www.astecconveyors.com



CKF
T: 01452 728753
E: info@ckf.co.uk
www.ckf.co.uk



CORRUGATED CASE MAKING

SEWTEC AUTOMATION
Dewsbury WF13 3LG T: 01924 494047
E: sales@sewtec.co.uk www.sewtec.co.uk



COUNTING MACHINERY

RAUPACK
105 Newdigate Road, Nottingham, NG16 1HN
T: 0115 875 9846
E: contact@raupack.co.uk www.raupack.co.uk



Sparc Systems Ltd
Malvern, Worcestershire, WR13 6NP
T: 01684 310000
E: sales@sparc-systems.co.uk
www.sparc-systems.co.uk



COUNTING/PACKAGING HARDWARE COMPONENTS

Gainsborough Engineering Company
Long Wood Road, Corringham Road Industrial Estate,
Gainsborough, DN21 1QB
T: 01427 617677
F: 01427 810443
E: sales@gains-eng.co.uk
www.gains-eng.co.uk



GRIPPLE AUTOMATION
info@grippleautomation.com
www.grippleautomation.com T: 0114 2800 830



Riley Automation
E: sales@rileyautomation.com
T: 01332 275850 www.rileyautomation.com



SEWTEC AUTOMATION
Dewsbury WF13 3LG T: 01924 494047
E: sales@sewtec.co.uk www.sewtec.co.uk



Weber Packaging Solutions
Macmerry Industrial Estate,
Tranent, East Lothian, EH33 1HD
T: 01875 611 111 F: 01875 613 310
E: sales@weber.co.uk www.weber.co.uk



CRIMPING EQUIPMENT

D.H. INDUSTRIES LIMITED
Sullivan House, Fenton Way, Laindon,
Essex, SS15 6TD, UK
T: +44 (0)1268 410 666 - F: +44 (0)1268 410 777
E: dh@dhi.co.uk - www.dhi.co.uk



GRIPPLE AUTOMATION
info@grippleautomation.com
www.grippleautomation.com T: 0114 2800 830



DEPALLETISERS

ADPAK
PACKAGING SYSTEMS & FILMS
T: 01282 601444 E: sales@adpak.co.uk
www.adpakmachinerysystems.co.uk



Autopak Ltd
Unit 6, Twyford Court, Rothervas
Industrial Estate, Hereford HR2 6JR
T: 01432 800 377
E: info@auto-pack.co.uk
www.auto-pack.co.uk



CKF
T: 01452 728753
E: info@ckf.co.uk
www.ckf.co.uk



ETT UK Limited
Beccles, Suffolk, NR34 7TD
T: 01502 470812
E: geoff@ett-uk.com
www.ett-uk.com



endoline ROBOTICS
T: 01767 316422 E: sales@endoline-automation.com
www.endoline-robotics.com



Kensal Handling Systems
Kensal House, President Way,
Luton, LU2 9NR
T: +44 (0) 1 582 425 777 F: +44 (0) 1 582 425 776
E: sales@kensal.com www.kensal.com



KHS UK Limited
6 Monkspath Business Park,
Highlands Road, Shirley, Solihull, B90 4NY
T: 0121 713 6900 F: 0121 713 6935
E: info@khs.com www.khs.com



SCM Handling Ltd
Broadgauge Business Park, Taunton,
Somerset, TA4 3RU
T: 01823 431838 F: 01823 430806
E: sales@scmhandling.com www.scmhandling.com



SEWTEC AUTOMATION
Dewsbury WF13 3LG T: 01924 494047
E: sales@sewtec.co.uk www.sewtec.co.uk



Packaging Machinery

To advertise contact Robert Beswick T 020 8773 5527 E robert.beswick@ppma.co.uk

STATEC BINDER GmbH
 Industriestrasse 32, 8200 Gleisdorf,
 Austria. T: +43 3112 38580-0
 E: office@statec-binder.com
 www.statec-binder.com



ELEVATORS

CKF T: 01452 728753
 E: info@ckf.co.uk
 www.ckf.co.uk

THE AUTOMATIC SOLUTION

Kensal Handling Systems
 Kensal House, President Way,
 Luton, LU2 9NR
 T: +44 (0) 1582 425 777 F: +44 (0) 1582 425 776
 E: sales@kensal.com www.kensal.com



Riley Automation
 E: sales@rileyautomation.com
 T: 01332 275850 www.rileyautomation.com



SCM Handling Ltd
 Broadgauge Business Park, Taunton,
 Somerset, TA4 3RU
 T: 01823 431838 F: 01823 430806
 E: sales@scmhandling.com www.scmhandling.com



SEWTEC AUTOMATION
 Dewsbury WF13 3LG T: 01924 494047
 E: sales@sewtec.co.uk www.sewtec.co.uk



END OF LINE BAGGING MACHINES

ADPAK 30 YEARS
 PACKAGING SYSTEMS & FILLS
 T: 01282 601444 E: sales@adpak.co.uk
 www.adpakmachinerysystemsLtd.co.uk

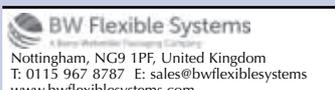


STATEC BINDER GmbH
 Industriestrasse 32, 8200 Gleisdorf,
 Austria. T: +43 3112 38580-0
 E: office@statec-binder.com
 www.statec-binder.com



FFS HORIZONTAL (FLOWWRAPPERS)

BW Flexible Systems
 Nottingham, NG9 1PF, United Kingdom
 T: 0115 967 8787 E: sales@bwflexiblesystems.com
 www.bwflexiblesystems.com



Ilapak Ltd
 Uxbridge, Middlesex
 UB8 2YF
 T: 020 8797 2000
 E: sales@ilapak.co.uk www.ilapak.com



Optima Packaging Machinery PLC
 7 Loader Close, Kings Worthy, Hampshire SO23 7TF
 T: 01962 620898 F: +49 (0)791/506-6500
 E: info@optima-gb.com
 www.optima-gb.com



Paramount Packaging Systems
 T: 01252 815252
 E: fuji@paramount-packaging.co.uk
 www.paramount-packaging.co.uk



PFM PFM House, 2 Pilgrim Way,
 Leeds LS28 6LU
 T: +44 (0)113 2393401
 E: sales@pfmuk.com
 www.pfmuk.com



The Food Machinery Company Ltd
 Rochester, Kent ME3 8RF
 01634 272345
 contact@foodmc.com
 www.foodmc.co.uk



FFS POUCH MACHINERY

Penn Packaging Ltd
 Harkstead Hall Barn,
 Ipswich, Suffolk IP9 1DB
 T: 01473 893990 www.penn-packaging.co.uk
 E: email@penn-packaging.co.uk



FFS THERMO

Reiser UK Ltd
 The Reiser Building,
 Maidstone Rd, Kingston, Milton Keynes, MK10 0BD
 T: 01908 585300 F: 01908 585400
 E: salesuk@reiser.com www.reiser.com



FFS VERTICAL

Autopack Ltd
 Unit 6, Twyford Court, Rotherwas
 Industrial Estate, Hereford HR2 6JR
 T: 01432 800 377
 E: info@auto-pack.co.uk
 www.auto-pack.co.uk



BW Flexible Systems
 Nottingham, NG9 1PF, United Kingdom
 T: 0115 967 8787 E: sales@bwflexiblesystems.com
 www.bwflexiblesystems.com



Gainsborough Engineering Company
 Long Wood Road, Corringham Road Industrial Estate,
 Gainsborough, DN21 1QB
 T: 01427 617697
 E: 01427 810443
 E: sales@gains-eng.co.uk
 www.gains-eng.co.uk



Gainsborough Industrial Controls Ltd
 Alpha Works, Sandars Road, Heapham Road
 Industrial Estate, Gainsborough DN21 1RZ
 T: 01427 611885
 E: sales@gic.uk.net www.gic.uk.net



Ilapak Ltd
 Uxbridge, Middlesex
 UB8 2YF
 T: 020 8797 2000
 E: sales@ilapak.co.uk www.ilapak.com



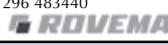
Line Equipment Ltd
 Nottingham, NG16 3SU
 T: 01773 717007
 E: machines@lineequipment.co.uk
 www.lineequipment.co.uk



PFM PFM House, 2 Pilgrim Way,
 Leeds LS28 6LU
 T: +44 (0)113 2393401
 E: sales@pfmuk.com
 www.pfmuk.com



Rovema Packaging Machines Ltd
 8 Merlin Centre, Gatehouse Close,
 Aylesbury, Bucks HP19 8DP
 T: 01296 310490 F: 01296 483440
 E: sales@rovema.co.uk
 www.rovema.com



STATEC BINDER GmbH
 Industriestrasse 32, 8200 Gleisdorf,
 Austria. T: +43 3112 38580-0
 E: office@statec-binder.com
 www.statec-binder.com



The Food Machinery Company Ltd
 Rochester, Kent ME3 8RF
 01634 272345
 contact@foodmc.com
 www.foodmc.co.uk



FILL & SEAL MACHINES

GRUNWALD UK Dosing · Filling · Packing
 E: info@grunwald-uk.com
 www.grunwald-uk.com
 T: 01529 414999



STATEC BINDER GmbH
 Industriestrasse 32, 8200 Gleisdorf,
 Austria. T: +43 3112 38580-0
 E: office@statec-binder.com
 www.statec-binder.com



FILLING: ASEPTIC

Evolution BPS
 T: 01721 724296
 E: sales@evolutionbps.co.uk
 www.evolutionbps.co.uk



Holmach Ltd
 T: 01780 749097 E: sales@holmach.co.uk
 www.holmach.co.uk

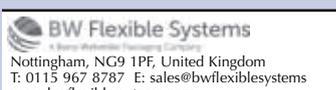


FILLING: BAG/SACK

All-Fill International Ltd
 5 Gateshead Close, Sunderland Rd,
 Sandy, Bedfordshire SG19 1RS
 T: 01767 691100
 E: info@allfill.co.uk www.allfill.co.uk



BW Flexible Systems
 Nottingham, NG9 1PF, United Kingdom
 T: 0115 967 8787 E: sales@bwflexiblesystems.com
 www.bwflexiblesystems.com



Fischbein-Saxon Ltd
 T: +44 (0) 844 372 2877
 E: sales@fischbein-saxon.co.uk
 www.fischbein.com/eastern



Ilapak Ltd
 Uxbridge, Middlesex
 UB8 2YF
 T: 020 8797 2000
 E: sales@ilapak.co.uk www.ilapak.com



Line Equipment Ltd
 Nottingham, NG16 3SU
 T: 01773 717007
 E: machines@lineequipment.co.uk
 www.lineequipment.co.uk



Optima Packaging Machinery PLC
 7 Loader Close, Kings Worthy, Hampshire SO23 7TF
 T: 01962 620898 F: +49 (0)791/506-6500
 E: info@optima-gb.com
 www.optima-gb.com



STATEC BINDER GmbH
 Industriestrasse 32, 8200 Gleisdorf,
 Austria. T: +43 3112 38580-0
 E: office@statec-binder.com
 www.statec-binder.com



FILLING: CAPSULE

Adelphi Group
 Mill Green Road, Haywards Heath,
 West Sussex RH16 1XQ
 T: 01444 472300
 W: www.adelphi.uk.com



Evolution BPS
 T: 01721 724296
 E: sales@evolutionbps.co.uk
 www.evolutionbps.co.uk



FILLING: COSMETIC EQUIPMENT

All-Fill International Ltd
 5 Gateshead Close, Sunderland Rd,
 Sandy, Bedfordshire SG19 1RS
 T: 01767 691100
 E: info@allfill.co.uk www.allfill.co.uk



Evolution BPS
 T: 01721 724296
 E: sales@evolutionbps.co.uk
 www.evolutionbps.co.uk



Hi-Tech MACHINERY LIMITED PRECISION IS EVERYTHING
 T: +44 1256 766003 E: sales@fillers.co.uk www.fillers.co.uk



Holmach Ltd
 T: 01780 749097 E: sales@holmach.co.uk
 www.holmach.co.uk



Optima Packaging Machinery PLC
 7 Loader Close, Kings Worthy, Hampshire SO23 7TF
 T: 01962 620898 F: +49 (0)791/506-6500
 E: info@optima-gb.com
 www.optima-gb.com



Propack Automation Machinery Ltd
 10 Hill Wootton Rd, Leek Wootton, Warwick, CV35 7QL
 T: 02476 470074
 E: office@propack.co.uk
 www.propack.co.uk



FILLING: DRUM & IBC

Adelphi Group
 Mill Green Road, Haywards Heath,
 West Sussex RH16 1XQ
 T: 01444 472300
 W: www.adelphi.uk.com



Holmach Ltd
 T: 01780 749097 E: sales@holmach.co.uk
 www.holmach.co.uk



Karmelle Ltd
 Unit 17, Queens Mill Industrial Estate,
 Queens Mill Lane, Huddersfield HD1 3RR
 T: 01484 533356
 E: Karmelle@gmail.com www.karmelle.com



SP Filling Systems Ltd
 Unit 28, Ddole Industrial Estate,
 Llandrindod Wells, Powys LD1 6DF
 T: 01597 824918 F: 01597 822553
 E: sales@sp-filling.co.uk www.sp-filling.co.uk



STATEC BINDER GmbH
 Industriestrasse 32, 8200 Gleisdorf,
 Austria. T: +43 3112 38580-0
 E: office@statec-binder.com
 www.statec-binder.com



FILLING: GRANULES

All-Fill International Ltd
 5 Gateshead Close, Sunderland Rd,
 Sandy, Bedfordshire SG19 1RS
 T: 01767 691100
 E: info@allfill.co.uk www.allfill.co.uk



Optima Packaging Machinery PLC
 7 Loader Close, Kings Worthy, Hampshire SO23 7TF
 T: 01962 620898 F: +49 (0)791/506-6500
 E: info@optima-gb.com
 www.optima-gb.com



STATEC BINDER GmbH
 Industriestrasse 32, 8200 Gleisdorf,
 Austria. T: +43 3112 38580-0
 E: office@statec-binder.com
 www.statec-binder.com



FILLING: LIQUID

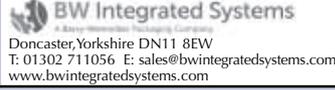
Adelphi Group
 Mill Green Road, Haywards Heath,
 West Sussex RH16 1XQ
 T: 01444 472300
 W: www.adelphi.uk.com



Autopack Ltd
 Unit 6, Twyford Court, Rotherwas
 Industrial Estate, Hereford HR2 6JR
 T: 01432 800 377
 E: info@auto-pack.co.uk
 www.auto-pack.co.uk



BW Integrated Systems
 Doncaster, Yorkshire DN11 8EW
 T: 01302 711056 E: sales@bwintegratedsystems.com
 www.bwintegratedsystems.com



Cap Coder Ltd
 Monument Business Park,
 Chalgrove, Oxford, OX44 7RW
 T: 01865 891466
 E: sales@capcoder.com www.capcoder.com



Evolution BPS
 T: 01721 724296
 E: sales@evolutionbps.co.uk
 www.evolutionbps.co.uk



Hi-Tech MACHINERY LIMITED PRECISION IS EVERYTHING
 T: +44 1256 766003 E: sales@fillers.co.uk www.fillers.co.uk



Holmach Ltd
 T: 01780 749097 E: sales@holmach.co.uk
 www.holmach.co.uk



Karmelle Ltd
 Unit 17, Queens Mill Industrial Estate,
 Queens Mill Lane, Huddersfield HD1 3RR
 T: 01484 533356
 E: Karmelle@gmail.com www.karmelle.com



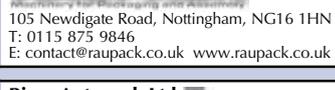
KHS UK Limited
 6 Monkspath Business Park,
 Highlands Road, Shirley, Solihull, B90 4NY
 T: 0121 713 6900 F: 0121 713 6935
 E: info@khs.com www.khs.com



Optima Packaging Machinery PLC
 7 Loader Close, Kings Worthy, Hampshire SO23 7TF
 T: 01962 620898 F: +49 (0)791/506-6500
 E: info@optima-gb.com
 www.optima-gb.com



RAUPACK
 105 Newdigate Road, Nottingham, NG16 1HN
 T: 0115 875 9846
 E: contact@raupack.co.uk www.raupack.co.uk



Riggs Autopack Ltd
 Nelson, Lancs BB9 0HU
 T: 01282 440040
 E: info@riggsautopack.co.uk
 www.riggsautopack.co.uk



SP Filling Systems Ltd
 Unit 28, Ddole Industrial Estate,
 Llandrindod Wells, Powys LD1 6DF
 T: 01597 824918 F: 01597 822553
 E: sales@sp-filling.co.uk www.sp-filling.co.uk



FILLING: MOLTEN

Hi-Tech MACHINERY LIMITED PRECISION IS EVERYTHING
 T: +44 1256 766003 E: sales@fillers.co.uk www.fillers.co.uk



To advertise contact Robert Beswick T 020 8773 5527 E robert.beswick@ppma.co.uk **Packaging Machinery**

SP Filling Systems Ltd
Unit 28, Ddole Industrial Estate,
Llandrindod Wells, Powys LD1 6DF
T: 01597 824918 F: 01597 822553
E: sales@sp-filling.co.uk www.sp-filling.co.uk

**FILLING: PASTE**

Adelphi Group
Mill Green Road, Haywards Heath,
West Sussex RH16 1XQ
T: 01444 472300
W: www.adelphi.uk.com



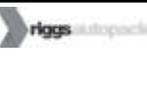
All-Fill International Ltd
5 Gateshead Close, Sunderland Rd,
Sandy, Bedfordshire SG19 1RS
T: 01767 691100
E: info@allfill.co.uk www.allfill.co.uk



Optima Packaging Machinery PLC
7 Loader Close, Kings Worthy, Hampshire SO23 7TF
T: 01962 620898 F: +49 (0)791/506-6500
E: info@optima-gb.com
www.optima-gb.com



Riggs Autopack Ltd
Nelson, Lancs BB9 0HU
T: 01282 440040
E: info@riggsautopack.co.uk
www.riggsautopack.co.uk

**FILLING: PHARMACEUTICAL**

Adelphi Group
Mill Green Road, Haywards Heath,
West Sussex RH16 1XQ
T: 01444 472300
W: www.adelphi.uk.com



All-Fill International Ltd
5 Gateshead Close, Sunderland Rd,
Sandy, Bedfordshire SG19 1RS
T: 01767 691100
E: info@allfill.co.uk www.allfill.co.uk



Cap Coder Ltd
Monument Business Park,
Chalgrove, Oxford, OX44 7RW
T: 01865 891466
E: sales@capcoder.com www.capcoder.com



Hi-Tech Machinery Limited
PRECISION IS EVERYTHING
T: +44 1256 766003 E: sales@fillers.co.uk www.fillers.co.uk

Optima Packaging Machinery PLC
7 Loader Close, Kings Worthy, Hampshire SO23 7TF
T: 01962 620898 F: +49 (0)791/506-6500
E: info@optima-gb.com
www.optima-gb.com



SP Filling Systems Ltd
Unit 28, Ddole Industrial Estate,
Llandrindod Wells, Powys LD1 6DF
T: 01597 824918 F: 01597 822553
E: sales@sp-filling.co.uk www.sp-filling.co.uk

**FILLING: POWDER**

All-Fill International Ltd
5 Gateshead Close, Sunderland Rd,
Sandy, Bedfordshire SG19 1RS
T: 01767 691100
E: info@allfill.co.uk www.allfill.co.uk



Optima Packaging Machinery PLC
7 Loader Close, Kings Worthy, Hampshire SO23 7TF
T: 01962 620898 F: +49 (0)791/506-6500
E: info@optima-gb.com
www.optima-gb.com



Rovema Packaging Machines Ltd
8 Merlin Centre, Gatehouse Close,
Aylesbury, Bucks HP19 8DP
T: 01296 310490 F: 01296 483440
E: sales@rovema.co.uk
www.rovema.com



STATEC BINDER GmbH
Industriestrasse 32, 8200 Gleisdorf,
Austria. T: +43 3112 38580-0
E: office@statec-binder.com
www.statec-binder.com



The Food Machinery Company Ltd
Rochester, Kent ME3 8RF
01634 272345
contact@foodmc.com
www.foodmc.co.uk

**FILLING: SOLIDS**

Holmach Ltd
T: 01780 749097 E: sales@holmach.co.uk
www.holmach.co.uk



Ilapak Ltd
Uxbridge, Middlesex
UB8 2YF
T: 020 8797 2000
E: sales@ilapak.co.uk www.ilapak.com



Optima Packaging Machinery PLC
7 Loader Close, Kings Worthy, Hampshire SO23 7TF
T: 01962 620898 F: +49 (0)791/506-6500
E: info@optima-gb.com
www.optima-gb.com



STATEC BINDER GmbH
Industriestrasse 32, 8200 Gleisdorf,
Austria. T: +43 3112 38580-0
E: office@statec-binder.com
www.statec-binder.com

**FILLING: WEIGH**

AST Ltd
MADE IN GERMANY
multiweigh
Precision in Weighing Technology
T: +44(0)730 656691
E: wd@multiweighuk.com www.multiweighuk.com



All-Fill International Ltd
5 Gateshead Close, Sunderland Rd,
Sandy, Bedfordshire SG19 1RS
T: 01767 691100
E: info@allfill.co.uk www.allfill.co.uk



BW Flexible Systems
A Borealis Packaging Technology Company
Nottingham, NG9 1PF, United Kingdom
T: 0115 967 8787 E: sales@bwflexiblesystems.com
www.bwflexiblesystems.com

Evolution BPS
T: 01721 724296
E: sales@evolutionbps.co.uk
www.evolutionbps.co.uk



Ilapak Ltd
Uxbridge, Middlesex
UB8 2YF
T: 020 8797 2000
E: sales@ilapak.co.uk www.ilapak.com



Multipond Limited
Genoa Way, High Wycombe, HP11 1NY
T: 01494 471580 F: 01494 533487
E: info@multipond.co.uk www.multipond.com



SP Filling Systems Ltd
Unit 28, Ddole Industrial Estate,
Llandrindod Wells, Powys LD1 6DF
T: 01597 824918 F: 01597 822553
E: sales@sp-filling.co.uk www.sp-filling.co.uk



STATEC BINDER GmbH
Industriestrasse 32, 8200 Gleisdorf,
Austria. T: +43 3112 38580-0
E: office@statec-binder.com
www.statec-binder.com



The Food Machinery Company Ltd
Rochester, Kent ME3 8RF
01634 272345
contact@foodmc.com
www.foodmc.co.uk

**HANDLING ROLLS & REELS**

Packline Materials Handling
T: 01202 307700 E: info@packline.co.uk
www.packline.co.uk

HEAT SEALERS

Fischbein-Saxon Ltd
T: +44 (0) 844 372 2877
E: sales@fischbein-saxon.co.uk
www.fischbein.com/eastern



MPE UK LIMITED
Whaley Bridge, Derbyshire SK23 7DQ
T: +44 1663 732 700
E: mark@mpe-uk.com
www.mpe-uk.com



RM Sealers Ltd
Valley Farm, Dagnall, Herts HP4 1QR
T: 01442 843387
E: enquiries@rmsealers.co.uk
www.rmsealers.co.uk



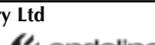
Sealpac UK Ltd
Units 1-3, The Concept Centre,
Innovation Close, Poole, Dorset BH12 4QD, UK
T: 0845 302 3056 F: 0845 302 3057
E: sales@sealpac-uk.com www.sealpac-uk.com

**HOT FOIL PRINTERS**

Open Date Equipment Ltd
Mitcham, Surrey CR4 4DG
T: 020 8655 4999
E: sales@opendate.co.uk
www.opendate.co.uk

**HOT MELT APPLICATION EQUIPMENT**

Endline Machinery Ltd
Biggleswade, SG18 8QB
T: 01767 316422
E: sales@endline-automation.com
www.endline-automation.com



Robatech Gluing Technology
Basildon, Essex, SS15 6SW
T: 01268 490035
E: info@robatechgt.com
www.robatechgt.com



Valco Melton UK
Hortonwood 32,
Telford TF1 7YN
T: 01952 677911 F: 01952 677945
E: uk@valcomelton.com www.valcomelton.com

**INDUCTION CAP SEALING**

Enercon Industries Ltd
62-64 Edison Road, Aylesbury,
Bucks HP19 8UX
T: +44(0)1296 330542 F: +44(0)1296 432098
E: info@enerconind.co.uk www.enerconind.co.uk

**INK JET CODERS**

ATD Marking Systems
Marley House, The Mill, Great Bowden Road,
Market Harborough, Leicestershire, LE16 7DE
T: 01858 461014 F: 01858 436900
E: mail@atduk.com www.atduk.com



Atwell self-adhesive Labellers
T: 01444 239970
E: sales@atwell-labellers.co.uk www.labeller.co.uk

Clearmark Solutions (ICE)
Nottingham NG15 0DP
T: 01159 640144
E: enquiries@uk.interactivecoding.com
www.interactivecoding.co.uk



Open Date Equipment Ltd
Mitcham, Surrey CR4 4DG
T: 020 8655 4999
E: sales@opendate.co.uk
www.opendate.co.uk



Rotech Machines Limited
Hertfordshire AL7 1AJ
T: +44 (0) 1707 393700
E: sales@rotechmachines.com
www.rotechmachines.com



Weber Packaging Solutions
Macmerry Industrial Estate,
Tranent, East Lothian, EH33 1HD
T: 01875 611 111 F: 01875 613 310
E: sales@weber.co.uk www.weber.co.uk

**INK JET PRINTERS**

ATD Marking Systems
Marley House, The Mill, Great Bowden Road,
Market Harborough, Leicestershire, LE16 7DE
T: 01858 461014 F: 01858 436900
E: mail@atduk.com www.atduk.com



Autopack Ltd
Unit 6, Twyford Court, Rothavas
Industrial Estate, Hereford HR2 6JR
T: 01432 800 377
E: info@auto-pack.co.uk
www.auto-pack.co.uk



Clearmark Solutions (ICE)
Nottingham NG15 0DP
T: 01159 640144
E: enquiries@uk.interactivecoding.com
www.interactivecoding.co.uk



Colop UK REINER
Clifton House, 32 Lower Essex
Street, Birmingham, B5 6SN
T: 0121 622 8900
F: 0121 622 8909
E: reiner@colop.co.uk
www.reineruk.com

Sojet THERMAL INKJET PRINTERS
www.t-mark.co.uk
email: sales@t-mark.co.uk
call: 0870 803 1877



Weber Packaging Solutions
Macmerry Industrial Estate,
Tranent, East Lothian, EH33 1HD
T: 01875 611 111 F: 01875 613 310
E: sales@weber.co.uk www.weber.co.uk

**INSPECTION SYSTEMS**

Evolution BPS
T: 01721 724296
E: sales@evolutionbps.co.uk
www.evolutionbps.co.uk



Fortress Technology (Europe) Ltd
Banbury, Oxon, OX16 1RH
T: 01295 256266
E: Sales-UK@fortresstechnology.com
www.fortresstechnology.co.uk



IMPERX, Inc.
Florida, 33487, USA
T: (+1)-561-989-0006
E: sales@imperx.com
www.imperx.com



M.D.S. Ltd Metal Detection Services
St. Martins Studios, Greenbank Road,
Aylesbury, HP19 8RY
T: Sales 0161 286 8755 T: 0161 286 8750
E: sales@mds.org.uk www.mds.org.uk



Nordson (U.K.) Ltd.
25 Faraday Road, Rabans Lane Industrial Area,
Aylesbury, HP19 8RY
T: 01296 610 140 F: 01296 610 175
E: sales@uk.nordson.com
www.nordson.co.uk/adhesives



Scorpion Vision Ltd
118 Gore Road, New Milton,
Hampshire BH25 6SJ
T: 01590 679333
E: sales@scorpionvision.co.uk
www.scorpionvision.co.uk



Sealpac UK Ltd
Units 1-3, The Concept Centre,
Innovation Close, Poole, Dorset BH12 4QD, UK
T: 0845 302 3056 F: 0845 302 3057
E: sales@sealpac-uk.com www.sealpac-uk.com



SEWTEC AUTOMATION
Dewsbury WF13 3LG T: 01924 494047
E: sales@sewtec.co.uk www.sewtec.co.uk

Sparc Systems Ltd
Malvern, Worcestershire, WR13 6NP
T: 01684 310000
E: sales@sparc-systems.co.uk
www.sparc-systems.co.uk



Valco Melton UK
Hortonwood 32,
Telford TF1 7YN
T: 01952 677911 F: 01952 677945
E: uk@valcomelton.com www.valcomelton.com



Weber Packaging Solutions
Macmerry Industrial Estate,
Tranent, East Lothian, EH33 1HD
T: 01875 611 111 F: 01875 613 310
E: sales@weber.co.uk www.weber.co.uk

**LABEL INSPECTION**

Domino UK Ltd
Bar Hill, Cambridge
CB23 8TU
T: 01954 782551 E: enquiries@domino-uk.com
www.domino-uk.com



IMPERX, Inc.
Florida, 33487, USA
T: (+1)-561-989-0006
E: sales@imperx.com
www.imperx.com



Jenton Dimaco
T: +44 (0)1256 892194
E: sales@jenton.co.uk
www.dimaco.co.uk



Olmec UK Ltd
Barton-Upon-Humber
DN18 5RL
T: 01652 631960
E: sales@olmec-uk.com www.olmec-uk.com



SEWTEC AUTOMATION
Dewsbury WF13 3LG T: 01924 494047
E: sales@sewtec.co.uk www.sewtec.co.uk

Sparc Systems Ltd
Malvern, Worcestershire, WR13 6NP
T: 01684 310000
E: sales@sparc-systems.co.uk
www.sparc-systems.co.uk



Packaging Machinery

To advertise contact Robert Beswick T 020 8773 5527 E robert.beswick@ppma.co.uk

LABEL PRINTERS

AstroNova
Product Identification
Maidenhead, Berkshire, SL6 3RT
T: 01628 668836
E: info@QuickLabel.co.uk www.QuickLabel.co.uk

Atwell
self-adhesive Labellers
T: 01444 239970
E: sales@atwell-labellers.co.uk www.labeller.co.uk

Clearmark Solutions (ICE)
Nottingham NG15 ODP
T: 01159 640144
E: enquiries@uk.interactivecoding.com
www.interactivecoding.co.uk

Weber Packaging Solutions
Macmerry Industrial Estate,
Tranent, East Lothian, EH33 1HD
T: 01875 611 111 F: 01875 613 310
E: sales@weber.co.uk www.weber.co.uk

LABEL PRINTING SERVICE

Atwell
self-adhesive Labellers
T: 01444 239970
E: sales@atwell-labellers.co.uk www.labeller.co.uk

LABELLERS

Advanced Labelling Systems Ltd
Unit B, Bandet Way, Thame Ind.
Estate, Thame, Oxon OX9 3SJ
T: 01844 213177
E: sales@als-eu.com www.als-eu.com

ALTech UK Labelling Technologies Ltd
Central Park, Bridgend, South Wales CF31 3RT
T: 0800 612 6205
E: sales@altech-uk.com
www.altech-uk.com

ATD Marking Systems
Marley House, The Mill, Great Bowden Road,
Market Harborough, Leicestershire, LE16 7DE
T: 01858 461014 F: 01858 436900
E: mail@atduk.com www.atduk.com

Atwell
self-adhesive Labellers
T: 01444 239970
E: sales@atwell-labellers.co.uk www.labeller.co.uk

Cap Coder Ltd
Monument Business Park,
Chalgrove, Oxford, OX44 7RW
T: 01865 891466
E: sales@capcoder.com www.capcoder.com

Clearmark Solutions (ICE)
Nottingham NG15 ODP
T: 01159 640144
E: enquiries@uk.interactivecoding.com
www.interactivecoding.co.uk

Evolution BPS
T: 01721 724296
E: sales@evolutionbps.co.uk
www.evolutionbps.co.uk

HERMA UK Limited
The Hollands Centre,
Hollands Road, Haverhill, Suffolk CB9 8PR
T: 01440 763366 E: sales@herma.co.uk
www.herma-labellingmachines.co.uk

Industrial Labelling Systems Ltd
D4 Brookside Business Park, Manchester M24 1GS
T: 0161 655 4846
E: sales@ilsystems.co.uk
www.ilsystems.co.uk

Karmelle Ltd
Unit 17, Queens Mill Industrial Estate,
Queens Mill Lane, Huddersfield HD1 3RR
T: 01484 533356
E: Karmelle@gmail.com www.karmelle.com

KHS UK Limited
6 Monkspath Business Park,
Highlands Road, Shirley, Solihull, B90 4NY
T: 0121 713 6900 F: 0121 713 6935
E: info@khs.com www.khs.com

Penn Packaging Ltd
Harkstead Hall Barn,
Ipswich, Suffolk IP9 1DB
T: 01473 893990 www.penn-packaging.co.uk
E: email@penn-packaging.co.uk

Premier Labellers
British Manufactured Labelling Machinery
T: 01255 553822
E: sales@premierlabellers.co.uk www.premierlabellers.co.uk

Propack Automation Machinery Ltd
10 Hill Wootton Rd, Leek Wootton, Warwicks, CV35 7OL
T: 02476 470074
E: office@propack.co.uk
www.propack.co.uk

Sealpac UK Ltd
Units 1-3, The Concept Centre,
Innovation Close, Poole, Dorset BH12 4QD, UK
T: 0845 302 3056 F: 0845 302 3057
E: sales@sealpac-uk.com www.sealpac-uk.com

Sessions UK
Unit C1 Ebor Industrial Estate,
Halford Road, York YO31 7XD
T: 01904 610613
E: enquiry@sessionsuk.com www.sessionsuk.com

SEWTEC AUTOMATION
Devsbury WF13 3LG T: 01924 494047
E: sales@sewtec.co.uk www.sewtec.co.uk

Weber Packaging Solutions
Macmerry Industrial Estate,
Tranent, East Lothian, EH33 1HD
T: 01875 611 111 F: 01875 613 310
E: sales@weber.co.uk www.weber.co.uk

LABELLING SOFTWARE

Advanced Labelling Systems Ltd
Unit B, Bandet Way, Thame Ind.
Estate, Thame, Oxon OX9 3SJ
T: 01844 213177
E: sales@als-eu.com www.als-eu.com

Atwell
self-adhesive Labellers
T: 01444 239970
E: sales@atwell-labellers.co.uk www.labeller.co.uk

SEWTEC AUTOMATION
Devsbury WF13 3LG T: 01924 494047
E: sales@sewtec.co.uk www.sewtec.co.uk

Weber Packaging Solutions
Macmerry Industrial Estate,
Tranent, East Lothian, EH33 1HD
T: 01875 611 111 F: 01875 613 310
E: sales@weber.co.uk www.weber.co.uk

LANE DIVIDER/COMBINER

Astec Conveyors
Robian Way, Swadlincote, Derbyshire DE11 9DH
T: 01283 210333 F: 01283 210444
E: Sales@Astecconveyors.com
www.astecconveyors.com

CKF
T: 01452 728753
E: info@ckf.co.uk
www.ckf.co.uk

Jenton Ariana
T: +44 (0)1256 892194
E: sales@jenton.co.uk
www.jentonariana.co.uk

SEWTEC AUTOMATION
Devsbury WF13 3LG T: 01924 494047
E: sales@sewtec.co.uk www.sewtec.co.uk

LASER CODERS

ATD Marking Systems
Marley House, The Mill, Great Bowden Road,
Market Harborough, Leicestershire, LE16 7DE
T: 01858 461014 F: 01858 436900
E: mail@atduk.com www.atduk.com

Weber Packaging Solutions
Macmerry Industrial Estate,
Tranent, East Lothian, EH33 1HD
T: 01875 611 111 F: 01875 613 310
E: sales@weber.co.uk www.weber.co.uk

LEAK TESTING

Ishida Europe Ltd
Kettles Wood Drive,
Woodgate Business Park, Birmingham B32 3DB
T: 0121 607 7700 F: 0121 607 7666
E: info@ishidaeurope.com www.ishidaeurope.com

Leybold
Leatherhead Road, Chessington, Surrey, KT9 2QL
T: 01372 737300 E: sales.LN@leybold.com
www.leybold.com

LINEAR VIBRATORS

Riley Automation
E: sales@rileyautomation.com
T: 01332 275850 www.rileyautomation.com

LINERLESS LABELLERS

Atwell
self-adhesive Labellers
T: 01444 239970
E: sales@atwell-labellers.co.uk www.labeller.co.uk

HERMA UK Limited
The Hollands Centre,
Hollands Road, Haverhill, Suffolk CB9 8PR
T: 01440 763366 E: sales@herma.co.uk
www.herma-labellingmachines.co.uk

Weber Packaging Solutions
Macmerry Industrial Estate,
Tranent, East Lothian, EH33 1HD
T: 01875 611 111 F: 01875 613 310
E: sales@weber.co.uk www.weber.co.uk

METAL DETECTION

Fortress Technology (Europe) Ltd
Banbury, Oxon, OX16 1RH
T: 01295 256266
E: Sales-UK@fortresstechnology.com
www.fortresstechnology.co.uk

Goudsmit Magnetic Systems BV
T: +31 (0)40 2213283
E: info@goudsmit.eu
www.goudsmitmagnets.com

M.D.S. Ltd Metal Detection Services
St. Martins Studios, Greenbank Road,
Sale, Cheshire M33 5PL
T: Sales 0161 286 8755 T: 0161 286 8750
E: sales@mds.org.uk www.mds.org.uk

Mettler-Toledo Safeline
Montford Street, Salford, M50 2XD, UK
T: 0161 848 8636
E: safeline.info@mt.com
www.mt.com/metal-detection Metal Detection

The Food Machinery Company Ltd
Rochester, Kent ME3 8RF
01634 272345
contact@foodmc.com
www.foodmc.co.uk

MODIFIED ATMOSPHERE PACKAGING

BW Flexible Systems
Nottingham, NG9 1PF, United Kingdom
T: 0115 967 8787 E: sales@bwflexiblesystems.com
www.bwflexiblesystems.com

Gainsborough Engineering Company
Long Wood Road, Coringham Road Industrial Estate,
Gainsborough, DN21 1QB
T: 01427 617677
F: 01427 810443
E: sales@gains-eng.co.uk
www.gains-eng.co.uk

Ilapak Ltd
Uxbridge, Middlesex
UB8 2YF
T: 020 8797 2000
E: sales@ilapak.co.uk www.ilapak.com

Paramount Packaging Systems
T: 01252 815252
E: fuji@paramount-packaging.co.uk
www.paramount-packaging.co.uk

pfm
Packaging machinery
PFM House, 2 Pilgrim Way,
Leeds LS28 6LU
T: +44 (0)113 2393401
E: sales@pfmuk.com
www.pfmuk.com

Reiser UK Ltd
The Reiser Building,
Maidstone Rd, Kingston, Milton Keynes, MK10 0BD
T: 01908 585300 F: 01908 585400
E: salesuk@reiser.com www.reiser.com

Sealpac UK Ltd
Units 1-3, The Concept Centre,
Innovation Close, Poole, Dorset BH12 4QD, UK
T: 0845 302 3056 F: 0845 302 3057
E: sales@sealpac-uk.com www.sealpac-uk.com

MULTIHEAD WEIGHERS

AST Ltd **multiweigh**
MADE IN GERMANY
Precision in Weighing Technology
T: +44(0)7730 656691
E: wd@multiweighuk.com www.multiweighuk.com

BW Flexible Systems
Nottingham, NG9 1PF, United Kingdom
T: 0115 967 8787 E: sales@bwflexiblesystems.com
www.bwflexiblesystems.com

Ilapak Ltd
Uxbridge, Middlesex
UB8 2YF
T: 020 8797 2000
E: sales@ilapak.co.uk www.ilapak.com

Ishida Europe Ltd
Kettles Wood Drive,
Woodgate Business Park, Birmingham B32 3DB
T: 0121 607 7700 F: 0121 607 7666
E: info@ishidaeurope.com www.ishidaeurope.com

Multipond Limited
Genoa Way, High Wycombe, HP11 1NY
T: 01494 471580 F: 01494 533487
E: info@multipond.co.uk www.multipond.com

pfm
Packaging machinery
PFM House, 2 Pilgrim Way,
Leeds LS28 6LU
T: +44 (0)113 2393401
E: sales@pfmuk.com
www.pfmuk.com

Sealpac UK Ltd
Units 1-3, The Concept Centre,
Innovation Close, Poole, Dorset BH12 4QD, UK
T: 0845 302 3056 F: 0845 302 3057
E: sales@sealpac-uk.com www.sealpac-uk.com

The Food Machinery Company Ltd
Rochester, Kent ME3 8RF
01634 272345
contact@foodmc.com
www.foodmc.co.uk

Yamato
Leeds, LS11 5AL
T: 0113 322 1546
E: sales1@yamatoscale.co.uk
www.yamatoscale.co.uk

MULTIPLE PACKAGING EQUIPMENT

AMP automation
T: +44 1427 611 969
E: sales@ampautomation.co.uk
www.ampautomation.co.uk

KHS UK Limited
6 Monkspath Business Park,
Highlands Road, Shirley, Solihull, B90 4NY
T: 0121 713 6900 F: 0121 713 6935
E: info@khs.com www.khs.com

Packline Materials Handling
T: 01202 307700 E: info@packline.co.uk
www.packline.co.uk

PALLET SHRINK WRAPPING MACHINERY

SCM Handling Ltd
Broadgate Business Park, Taunton,
Somerset, TA4 3RU
T: 01823 431838 F: 01823 430806
E: sales@scmhandling.com www.scmhandling.com

PALLET STRETCH WRAPPING MACHINERY

Aetna UK Limited
Oakley, Bedford,
MK43 7TA
T: 01234 825050
E: sales.uk@robopac.com www.aetnagroup.co.uk

endoline ROBOTICS
T: 01767 316422 E: sales@endoline-automation.com
www.endoline-robotics.com

Yorkshire Packaging Systems Ltd
Woodkirk Freight Terminal, Quarry Lane,
Woodkirk, Dewsbury, West Yorkshire WF12 7JL
T: 01924 441355 F: 01924 440686
E: enquiries@yps.co.uk www.yps.co.uk

To advertise contact Robert Beswick T 020 8773 5527 E robert.beswick@ppma.co.uk **Packaging Machinery****PALLETISING**

ADPAK 30 YEARS
PACKAGING SYSTEMS & FILMS
T: 01282 601444 E: sales@adpak.co.uk
www.adpakmachinerysystems.co.uk

CKF T: 01452 728753
THE AUTOMATIC SOLUTION E: info@ckf.co.uk
www.ckf.co.uk

endoline ROBOTICS
T: 01767 316422 E: sales@endoline-automation.com
www.endoline-robotics.com

ETT UK Limited
Beccles, Suffolk, NR34 7TD
T: 01502 470812
E: geoff@ett-uk.com
www.ett-uk.com

Evolution BPS
T: 01721 724296
E: sales@evolutionbps.co.uk
www.evolutionbps.co.uk

Fischbein-Saxon Ltd
T: +44 (0) 844 372 2877
E: sales@fischbein-saxon.co.uk
www.fischbein.com/eastern

Goudsmit Magnetic Systems BV
T: +31 (0)40 2213283
E: info@goudsmit.eu
www.goudsmitmagnets.com

Kensal Handling Systems
Kensal House, President Way,
Luton, LU2 9NR
T: +44 (0) 1582 425 777 F: +44 (0) 1582 425 776
E: sales@kensal.com www.kensal.com

Mpac Langen
+1 905 670 7200
sales.americas@mpac-group.com
www.mpac-group.com

Nordson (U.K.) Ltd.
25 Faraday Road, Rabans Lane Industrial Area,
Aylesbury, HP19 8RY
T: 01296 610 140 F: 01296 610 175
E: sales@uk.nordson.com
www.nordson.co.uk/adhesives

Ocme UK Ltd
King John Hse, Kingsclere Park,
Kingsclere, Newbury, Berkshire RG20 4SW UK
T: 01635 298171 F: 01635 297936
E: sales.uk@ocme.com www.ocme.com

RAUPACK
105 Newdigate Road, Nottingham, NG16 1HN
T: 0115 875 9846
E: contact@raupack.co.uk www.raupack.co.uk

SCM Handling Ltd
Broadgauge Business Park, Taunton,
Somerset, TA4 3RU
T: 01823 431838 F: 01823 430806
E: sales@scmhandling.com www.scmhandling.com

Scott Automation Ltd (Alvey)
T: +44 1925 426 001
E: info@scottautomation.co.uk
www.scottautomation.co.uk

SEWTEC AUTOMATION
Dewsbury WF13 3LG T: 01924 494047
E: sales@sewtec.co.uk www.sewtec.co.uk

SOCO SYSTEM (UK) Ltd
Unit 18, Palmerston Street, Hanley,
Stoke-On-Trent, Staffs. ST1 3EU
T: 01782 274100 F: 01782 272696
E: info@socosystem.com
www.socosystem.com

STATEC BINDER GmbH
Industriestrasse 32, 8200 Gleisdorf,
Austria. T: +43 3112 38580-0
E: office@statec-binder.com
www.statec-binder.com

Valco Melton UK
Hortonwood 32,
Telford TF1 7YN
T: 01952 677911 F: 01952 677945
E: uk@valcomelton.com www.valcomelton.com

WestRock
Unit 3 Malory Road, Beacon Park, Gorleston,
Great Yarmouth, NR31 7DT, UK T: 01493 257070
E: aps.uk@westrock.com www.westrock.com/automation-uk

PICK & PLACE MACHINES

AMP automation T: +44 1427 611 969
E: sales@ampautomation.co.uk
www.ampautomation.co.uk

CAMA 3 Ltd
Suite 44, Berkeley House,
Hunts Rise, South Marston Park,
Swindon, Wilts, SN3 4TG
T: 01793 831111 F: 01793 831481
E: cama3@camagroup.com www.camagroup.com

Cap Coder Ltd
Monument Business Park,
Chalgrove, Oxford, OX44 7RW
T: 01865 891466
E: sales@capcoder.com www.capcoder.com

CKF T: 01452 728753
THE AUTOMATIC SOLUTION E: info@ckf.co.uk
www.ckf.co.uk

Endoline Machinery Ltd
Biggleswade, SG18 8QB
T: 01767 316422
E: sales@endoline-automation.com
www.endoline-automation.com

GRIPPLE AUTOMATION
info@grippleautomation.com
www.grippleautomation.com T: 0114 2800 830

ETT UK Limited
Beccles, Suffolk, NR34 7TD
T: 01502 470812
E: geoff@ett-uk.com
www.ett-uk.com

FANUC Coventry, CV7 9DR
T: 024 7605 3000
E: marketing@fanuc.co.uk
www.fanuc.eu

iXAPACK GLOBAL
T: +33 772 142 856
E: laurent.noiraud@ixapack.com
www.ixapack.com

SCM Handling Ltd
Broadgauge Business Park, Taunton,
Somerset, TA4 3RU
T: 01823 431838 F: 01823 430806
E: sales@scmhandling.com www.scmhandling.com

SEWTEC AUTOMATION
Dewsbury WF13 3LG T: 01924 494047
E: sales@sewtec.co.uk www.sewtec.co.uk

Tekpak Automation Ltd (UK)
T: +44 (0)113 3505694
E: sales@tekpak.co.uk
www.tekpak.co.uk

WestRock
Unit 3 Malory Road, Beacon Park, Gorleston,
Great Yarmouth, NR31 7DT, UK T: 01493 257070
E: aps.uk@westrock.com www.westrock.com/automation-uk

PLASMA SURFACE TREATING

Enercon Industries Ltd
62-64 Edison Road, Aylesbury,
Bucks HP19 8UX
T: +44(0)1296 330542 F: +44(0)1296 432098
E: info@enerconind.co.uk www.enerconind.co.uk

POUCH FILL & SEAL MACHINES

Autopack Ltd
Unit 6, Twyford Court, Rotherwas
Industrial Estate, Hereford HR2 6JR
T: 01432 800 377
E: info@auto-pack.co.uk
www.auto-pack.co.uk

Gainsborough Engineering Company
Long Wood Road, Coringham Road Industrial Estate,
Gainsborough, DN21 1QB
T: 01427 617677
E: sales@gains-eng.co.uk
www.gains-eng.co.uk

Ilapak Ltd
Uxbridge, Middlesex
UB8 2YF
T: 020 8797 2000
E: sales@ilapak.co.uk www.ilapak.com

Line Equipment Ltd
Nottingham, NG16 3SU
T: 01773 717007
E: machines@lineequipment.co.uk
www.lineequipment.co.uk

Penn Packaging Ltd
Harkstead Hall Barn,
Ipswich, Suffolk IP9 1DB
T: 01473 893990 www.penn-packaging.co.uk
E: email@penn-packaging.co.uk

RAUPACK
105 Newdigate Road, Nottingham, NG16 1HN
T: 0115 875 9846
E: contact@raupack.co.uk www.raupack.co.uk

Riggs Autopack Ltd
Nelson, Lancs BB9 0HU
T: 01282 440040
E: info@riggsautopack.co.uk
www.riggsautopack.co.uk

Rovema Packaging Machines Ltd
8 Merlin Centre, Gatehouse Close,
Aylesbury, Bucks HP19 8DP
T: 01296 310490 F: 01296 483440
E: sales@rovema.co.uk
www.rovema.com

The Food Machinery Company Ltd
Rochester, Kent ME3 8RF
01634 272345
contact@foodmc.com
www.foodmc.co.uk

POUCH SEALERS

RM Sealers Ltd
Valley Farm, Dagnall, Herts HP4 1QR
T: 01442 843387
E: enquiries@msealers.co.uk
www.msealers.co.uk

PRINT & APPLY LABELLING

Advanced Labelling Systems Ltd
Unit B, Bandet Way, Thame Ind.
Estate, Thame, Oxon OX9 3SJ
T: 01844 213177
E: sales@als-eu.com www.als-eu.com

Atwell self-adhesive Labellers
T: 01444 239970
E: sales@atwell-labellers.co.uk www.labeller.co.uk

Clearmark Solutions (ICE)
Nottingham NG15 0DP
T: 01159 640144
E: enquiries@uk.interactivecoding.com
www.interactivecoding.co.uk

Cobalt Systems Ltd
Cobalt House, Arden Square,
Electra Way, Crewe, CV1 6HA
T: 01270 539800
E: sales@cobaltis.co.uk www.cobaltis.co.uk

Industrial Labelling Systems Ltd
D4 Brookside Business Park, Manchester M24 1GS
T: 0161 655 4846
E: sales@ilsystems.co.uk
www.ilsystems.co.uk

Karmelle Ltd
Unit 17, Queens Mill Industrial Estate,
Queens Mill Lane, Huddersfield HD1 3RR
T: 01484 533356
E: Karmelle@gmail.com www.karmelle.com

Logopak
www.logopak.co.uk
T: 01904 692333

SEWTEC AUTOMATION
Dewsbury WF13 3LG T: 01924 494047
E: sales@sewtec.co.uk www.sewtec.co.uk

Weber Packaging Solutions
Macmerry Industrial Estate,
Tranent, East Lothian, EH33 1HD
T: 01875 611 111 F: 01875 613 310
E: sales@weber.co.uk www.weber.co.uk

READY MEALS PACKING LINES

AST Ltd MADE IN GERMANY
multiweigh
Precision in Weighing Technology
T: +44(0)7730 656691
E: wd@multiweighuk.com www.multiweighuk.com

MPE UK LIMITED
Whaley Bridge, Derbyshire SK23 7DQ
T: +44 1663 732 700
E: mark@mpe-uk.com
www.mpe-uk.com

Multipond Limited
Genoa Way, High Wycombe, HP11 1NY
T: 01494 471580 F: 01494 533487
E: info@multipond.co.uk www.multipond.com

Reiser UK Ltd
The Reiser Building,
Maidstone Rd, Kingston, Milton Keynes, MK10 0BD
T: 01908 585300 F: 01908 585400
E: salesuk@reiser.com www.reiser.com

Riggs Autopack Ltd
Nelson, Lancs BB9 0HU
T: 01282 440040
E: info@riggsautopack.co.uk
www.riggsautopack.co.uk

Sealpac UK Ltd
Units 1-3, The Concept Centre,
Innovation Close, Poole, Dorset BH12 4QD, UK
T: 0845 302 3056 F: 0845 302 3057
E: sales@sealpac-uk.com www.sealpac-uk.com

The Food Machinery Company Ltd
Rochester, Kent ME3 8RF
01634 272345
contact@foodmc.com
www.foodmc.co.uk

READY MEALS SLEEVING

KEYMAC PACKAGING SYSTEMS
28b Burnett Business Park,
Gypsy Lane, Keynsham,
Bristol BS31 2ED
T: 0117 986 5417
E: sales@keymac.co.uk www.keymac.co.uk

REEL LIFTING EQUIPMENT

Packline Materials Handling
T: 01202 307700 E: info@packline.co.uk
www.packline.co.uk

TAWI UK
Unit G, Pentagon Park,
Lodge Farm, Northampton, NN5 7UW
T: 01604 591120
E: sales.uk@tawi.com www.tawi.com

RESEALABLE PACKAGING

Ilapak Ltd
Uxbridge, Middlesex
UB8 2YF
T: 020 8797 2000
E: sales@ilapak.co.uk www.ilapak.com

RFID TRACK AND TRACE SOFTWARE

Sealpac UK Ltd
Units 1-3, The Concept Centre,
Innovation Close, Poole, Dorset BH12 4QD, UK
T: 0845 302 3056 F: 0845 302 3057
E: sales@sealpac-uk.com www.sealpac-uk.com

SEWTEC AUTOMATION
Dewsbury WF13 3LG T: 01924 494047
E: sales@sewtec.co.uk www.sewtec.co.uk

RINSERS AIR/ & OR PRODUCT

Autopack Ltd
Unit 6, Twyford Court, Rotherwas
Industrial Estate, Hereford HR2 6JR
T: 01432 800 377
E: info@auto-pack.co.uk
www.auto-pack.co.uk

Holmach Ltd
T: 01780 749097 E: sales@holmach.co.uk
www.holmach.co.uk

ROBOTIC HANDLING SYSTEMS

ABB Ltd
Auriga House, Precedent Drive,
Rooksley, Milton Keynes, MK13 8PQ
T: 01908 350300 F: 01908 350301
E: michelle.jocelyn@gb.abb.com
www.abb.com/robotics

Packaging Machinery

To advertise contact Robert Beswick T 020 8773 5527 E robert.beswick@ppma.co.uk

ADPAK 30 YEARS
PACKAGING SYSTEMS & FILMS
T: 01282 601444 E: sales@adpak.co.uk
www.adpakmachinerysystems.co.uk

AMP automation
T: +44 1427 611 969
E: sales@ampautomation.co.uk
www.ampautomation.co.uk

BW Integrated Systems
A BAW Group Member Technology Company
Doncaster, Yorkshire DN11 8EW
T: 01302 711056 E: sales@bwintegratedsystems.com
www.bwintegratedsystems.com

CAMA 3 Ltd
Suite 44, Berkeley House,
Hunts Rise, South Marston Park,
Swindon, Wilts, SN3 4TG
T: 01793 831111 F: 01793 831481
E: cama3@camagroup.com www.camagroup.com

CKF
THE AUTOMATIC SOLUTION
T: 01452 728753
E: info@ckf.co.uk
www.ckf.co.uk

CME Ltd
Combe St Nicholas, Somerset, TA20 3NL
T: 01460 269500
E: cme@cme-ltd.com
www.cme-ltd.com

ETT UK Limited
Beccles, Suffolk, NR34 7TD
T: 01502 470812
E: geoff@ett-uk.com
www.ett-uk.com

FANUC
Coventry, CV7 9DR
T: 024 7605 3000
E: marketing@fanuc.co.uk
www.fanuc.eu

FlexLink Systems Limited
Milton Keynes, MK14 5BN
T: 01908 327200
E: info@flexlink.com
www.flexlink.com

Goudsmit Magnetic Systems BV
T: +31 (0)40 2213283
E: info@goudsmit.eu
www.goudsmitmagnets.com

GRIPPLE AUTOMATION
info@grippleautomation.com
www.grippleautomation.com T: 0114 2800 830

Kensal Handling Systems
Kensal House, President Way,
Luton, LU2 9NR
T: +44 (0) 1 582 425 777 F: +44 (0) 1 582 425 776
E: sales@kensal.com www.kensal.com

piab
Oaks Ind. Est., Festival Drive,
Loughborough, LE11 5XN
T: 01509 857010 F: 01509 857011
E: info-uk@piab.com www.piab.com

Quin Systems Ltd
Oaklands Park,
Wokingham, RG41 2FD
T: 0118 977 1077
E: sales@quin.co.uk www.quin.co.uk

RNA AUTOMATION LTD
Birmingham B35 7AG
T: 0121 749 2566
E: sales@rnaautomation.com
www.rnaautomation.com

SCM Handling Ltd
Broadgauge Business Park, Taunton,
Somerset, TA4 3RU
T: 01823 431838 F: 01823 430806
E: sales@scmhandling.com www.scmhandling.com

SEWTEC AUTOMATION
Dewsbury WF13 3LG T: 01924 494047
E: sales@sewtec.co.uk www.sewtec.co.uk

Tekpak Automation Ltd (UK)
T: +44 (0)113 3505694
E: sales@tepkak.co.uk
www.tepkak.co.uk

The Food Machinery Company Ltd
Rochester, Kent ME3 8RF
01634 272345
contact@foodmc.com
www.foodmc.co.uk

ROBOT INTEGRATORS
AMP automation
T: +44 1427 611 969
E: sales@ampautomation.co.uk
www.ampautomation.co.uk

BW Integrated Systems
A BAW Group Member Technology Company
Doncaster, Yorkshire DN11 8EW
T: 01302 711056 E: sales@bwintegratedsystems.com
www.bwintegratedsystems.com

CKF
THE AUTOMATIC SOLUTION
T: 01452 728753
E: info@ckf.co.uk
www.ckf.co.uk

CME Ltd
Combe St Nicholas, Somerset, TA20 3NL
T: 01460 269500
E: cme@cme-ltd.com
www.cme-ltd.com

ETT UK Limited
Beccles, Suffolk, NR34 7TD
T: 01502 470812
E: geoff@ett-uk.com
www.ett-uk.com

endoline ROBOTICS
T: 01767 316422 E: sales@endoline-automation.com
www.endoline-robotics.com

SEWTEC AUTOMATION
Dewsbury WF13 3LG T: 01924 494047
E: sales@sewtec.co.uk www.sewtec.co.uk

The Food Machinery Company Ltd
Rochester, Kent ME3 8RF
01634 272345
contact@foodmc.com
www.foodmc.co.uk

WestRock
Unit 3 Malory Road, Beacon Park, Gorleston,
Great Yarmouth, NR31 7DT, UK T: 01493 257070
E: aps.uk@westrock.com www.westrock.com/automation-uk

ROBOTIC PALLETISERS
ABB Ltd
Auriga House, Precedent Drive,
Rooksley, Milton Keynes, MK13 8PQ
T: 01908 350300 F: 01908 350301
E: michelle.jocelyn@gb.abb.com
www.abb.com/robotics

AMP automation
T: +44 1427 611 969
E: sales@ampautomation.co.uk
www.ampautomation.co.uk

BW Integrated Systems
A BAW Group Member Technology Company
Doncaster, Yorkshire DN11 8EW
T: 01302 711056 E: sales@bwintegratedsystems.com
www.bwintegratedsystems.com

CKF
THE AUTOMATIC SOLUTION
T: 01452 728753
E: info@ckf.co.uk
www.ckf.co.uk

endoline ROBOTICS
T: 01767 316422 E: sales@endoline-automation.com
www.endoline-robotics.com

ETT UK Limited
Beccles, Suffolk, NR34 7TD
T: 01502 470812
E: geoff@ett-uk.com
www.ett-uk.com

FANUC Coventry, CV7 9DR
T: 024 7605 3000
E: marketing@fanuc.co.uk
www.fanuc.eu

Fischbein-Saxon Ltd FISCHBEIN
T: +44 (0) 844 372 2877
E: sales@fischbein-saxon.co.uk
www.fischbein.com/eastern

GRIPPLE AUTOMATION
info@grippleautomation.com
www.grippleautomation.com T: 0114 2800 830

IXAPACK GLOBAL
T: +33 772 142 856
E: laurent.noiraud@ixapack.com
www.ixapack.com

Kensal Handling Systems
Kensal House, President Way,
Luton, LU2 9NR
T: +44 (0) 1 582 425 777 F: +44 (0) 1 582 425 776
E: sales@kensal.com www.kensal.com

KHS UK Limited
6 Monkspath Business Park,
Highlands Road, Shirley, Solihull, B90 4NY
T: 0121 713 6900 F: 0121 713 6935
E: info@khs.com www.khs.com

Ocme UK Ltd
King John Hse, Kingsclere Park,
Kingsclere, Newbury, Berkshire RG20 4SW UK
T: 01635 298171 F: 01635 297936
E: sales.uk@ocme.com www.ocme.com

SCM Handling Ltd
Broadgauge Business Park, Taunton,
Somerset, TA4 3RU
T: 01823 431838 F: 01823 430806
E: sales@scmhandling.com www.scmhandling.com

Scott Automation Ltd (Alvey)
T: +44 1925 426 001
E: info@scottautomation.co.uk
www.scottautomation.co.uk

SEWTEC AUTOMATION
Dewsbury WF13 3LG T: 01924 494047
E: sales@sewtec.co.uk www.sewtec.co.uk

STATEC BINDER GmbH
Industriestrasse 32, 8200 Gleisdorf,
Austria. T: +43 3112 38580-0
E: office@statec-binder.com
www.statec-binder.com

The Food Machinery Company Ltd
Rochester, Kent ME3 8RF
01634 272345
contact@foodmc.com
www.foodmc.co.uk

WestRock
Unit 3 Malory Road, Beacon Park, Gorleston,
Great Yarmouth, NR31 7DT, UK T: 01493 257070
E: aps.uk@westrock.com www.westrock.com/automation-uk

ROBOTS
ABB Ltd
Auriga House, Precedent Drive,
Rooksley, Milton Keynes, MK13 8PQ
T: 01908 350300 F: 01908 350301
E: michelle.jocelyn@gb.abb.com
www.abb.com/robotics

AMP automation
T: +44 1427 611 969
E: sales@ampautomation.co.uk
www.ampautomation.co.uk

CAMA 3 Ltd
Suite 44, Berkeley House,
Hunts Rise, South Marston Park,
Swindon, Wilts, SN3 4TG
T: 01793 831111 F: 01793 831481
E: cama3@camagroup.com www.camagroup.com

CKF
THE AUTOMATIC SOLUTION
T: 01452 728753
E: info@ckf.co.uk
www.ckf.co.uk

endoline ROBOTICS
T: 01767 316422 E: sales@endoline-automation.com
www.endoline-robotics.com

Kawasaki Robotics Powering your potential
Warrington, WA5 7ZB
T: 01925 713000
E: info@kawasakirobotuk.com
www.kawasakirobot.co.uk

SEWTEC AUTOMATION
Dewsbury WF13 3LG T: 01924 494047
E: sales@sewtec.co.uk www.sewtec.co.uk

The Food Machinery Company Ltd
Rochester, Kent ME3 8RF
01634 272345
contact@foodmc.com
www.foodmc.co.uk

TM Robotics Ltd
Welwyn Garden City, Hertfordshire, AL7 1JG
T: 01707 290370
E: sales@tmrobotics.co.uk
www.tmrobotics.co.uk

WestRock
Unit 3 Malory Road, Beacon Park, Gorleston,
Great Yarmouth, NR31 7DT, UK T: 01493 257070
E: aps.uk@westrock.com www.westrock.com/automation-uk

ROBOTS - ARTICULATED ARM
ABB Ltd
Auriga House, Precedent Drive,
Rooksley, Milton Keynes, MK13 8PQ
T: 01908 350300 F: 01908 350301
E: michelle.jocelyn@gb.abb.com
www.abb.com/robotics

AMP automation
T: +44 1427 611 969
E: sales@ampautomation.co.uk
www.ampautomation.co.uk

FANUC Coventry, CV7 9DR
T: 024 7605 3000
E: marketing@fanuc.co.uk
www.fanuc.eu

Goudsmit Magnetic Systems BV
T: +31 (0)40 2213283
E: info@goudsmit.eu
www.goudsmitmagnets.com

SEWTEC AUTOMATION
Dewsbury WF13 3LG T: 01924 494047
E: sales@sewtec.co.uk www.sewtec.co.uk

ROBOTS - CARTESIAN
AMP automation
T: +44 1427 611 969
E: sales@ampautomation.co.uk
www.ampautomation.co.uk

CKF
THE AUTOMATIC SOLUTION
T: 01452 728753
E: info@ckf.co.uk
www.ckf.co.uk

SEWTEC AUTOMATION
Dewsbury WF13 3LG T: 01924 494047
E: sales@sewtec.co.uk www.sewtec.co.uk

ROBOTS - COLLABORATIVE
ABB Ltd
Auriga House, Precedent Drive,
Rooksley, Milton Keynes, MK13 8PQ
T: 01908 350300 F: 01908 350301
E: michelle.jocelyn@gb.abb.com
www.abb.com/robotics

AMP automation
T: +44 1427 611 969
E: sales@ampautomation.co.uk
www.ampautomation.co.uk

FANUC Coventry, CV7 9DR
T: 024 7605 3000
E: marketing@fanuc.co.uk
www.fanuc.eu

piab
Oaks Ind. Est., Festival Drive,
Loughborough, LE11 5XN
T: 01509 857010 F: 01509 857011
E: info-uk@piab.com www.piab.com

SEWTEC AUTOMATION
Dewsbury WF13 3LG T: 01924 494047
E: sales@sewtec.co.uk www.sewtec.co.uk

ROBOTS - DELTA STYLE
ABB Ltd
Auriga House, Precedent Drive,
Rooksley, Milton Keynes, MK13 8PQ
T: 01908 350300 F: 01908 350301
E: michelle.jocelyn@gb.abb.com
www.abb.com/robotics

AMP automation
T: +44 1427 611 969
E: sales@ampautomation.co.uk
www.ampautomation.co.uk

To advertise contact Robert Beswick T 020 8773 5527 E robert.beswick@ppma.co.uk **Packaging Machinery**

CAMA 3 Ltd
Suite 44, Berkeley House,
Hunts Rise, South Marston Park,
Swindon, Wilts, SN3 4TC
T: 01793 831111 F: 01793 831481
E: cama3@camagroup.com www.camagroup.com

FANUC Coventry, CV7 9DR
T: 024 7605 3000
E: marketing@fanuc.co.uk
www.fanuc.eu

SEWTEC AUTOMATION
Dewsbury WF13 3LG T: 01924 494047
E: sales@sewtec.co.uk www.sewtec.co.uk

WestRock
Unit 3 Malory Road, Beacon Park, Gorleston,
Great Yarmouth, NR31 7DT, UK T: 01493 257070
E: aps.uk@westrock.com www.westrock.com/automation-uk

SACHET MACHINES

Autopack Ltd
Unit 6, Twyford Court, Rotherwas
Industrial Estate, Hereford HR2 6JR
T: 01432 800 377
E: info@auto-pack.co.uk
www.auto-pack.co.uk

Gainsborough Engineering Company
Long Wood Road, Corringham Road Industrial Estate,
Gainsborough, DN21 1QB
T: 01427 617677
F: 01427 810443
E: sales@gains-eng.co.uk
www.gains-eng.co.uk

Ilapak Ltd
Uxbridge, Middlesex
UB8 2YF
T: 020 8797 2000
E: sales@ilapak.co.uk www.ilapak.com

Propack Automation Machinery Ltd
10 Hill Wootton Rd, Leek Wootton, Warwicks, CV35 7QL
T: 02476 470074
E: office@propack.co.uk
www.propack.co.uk

The Food Machinery Company Ltd
Rochester, Kent ME3 8RF
01634 272345
contact@foodmc.com
www.foodmc.co.uk

SAFETY GUARDING

Leuze electronic
the sensor people
01480 408500 mail@leuze.co.uk www.leuze.co.uk

SEWTEC AUTOMATION
Dewsbury WF13 3LG T: 01924 494047
E: sales@sewtec.co.uk www.sewtec.co.uk

SANDWICH PACKING MACHINES

MPE UK LIMITED
Whaley Bridge, Derbyshire SK23 7DQ
T: +44 1663 732 700
E: mark@mpe-uk.com
www.mpe-uk.com

SEAL TESTING

Ishida Europe Ltd
Kettles Wood Drive,
Woodgate Business Park, Birmingham B32 3DB
T: 0121 607 7700 F: 0121 607 7666
E: info@ishidaeurope.com www.ishidaeurope.com

Jenton Ariana
T: +44 (0)1256 892194
E: sales@jenton.co.uk
www.jentonariana.co.uk

Sealpac UK Ltd
Units 1-3, The Concept Centre,
Innovation Close, Poole, Dorset BH12 4QD, UK
T: 0845 302 3056 F: 0845 302 3057
E: sales@sealpac-uk.com www.sealpac-uk.com

SENSORS FOR AUTOMATION

Leuze electronic
the sensor people
01480 408500 mail@leuze.co.uk www.leuze.co.uk

SICK (UK) LTD
Waldkirch House, 39 Hedley Rd,
St Albans, Herts AL1 5BN
T: 01727 831121 F: 01727 856767
E: info@sick.co.uk www.sick.co.uk

SERIALISATION

Olmecc-UK Ltd
Barton-Upon-Humber
DN18 5RL
T: 01652 631960
E: sales@olmecc-uk.com www.olmecc-uk.com

SEWTEC AUTOMATION
Dewsbury WF13 3LG T: 01924 494047
E: sales@sewtec.co.uk www.sewtec.co.uk

SHRINK SLEEVING

Yorkshire Packaging Systems Ltd
Woodkirk Freight Terminal, Quarry Lane,
Woodkirk, Dewsbury, West Yorkshire WF12 7JJ
T: 01924 441355 F: 01924 440686
E: enquiries@ypps.co.uk www.ypps.co.uk

SHRINK TUNNELS

Yorkshire Packaging Systems Ltd
Woodkirk Freight Terminal, Quarry Lane,
Woodkirk, Dewsbury, West Yorkshire WF12 7JJ
T: 01924 441355 F: 01924 440686
E: enquiries@ypps.co.uk www.ypps.co.uk

SHRINK WRAPPING

ADPAK 30 YEARS
PACKAGING SYSTEMS & FILMS
T: 01282 601444 E: sales@adpak.co.uk
www.adpakmachinerysystemsmltd.co.uk

Aetna UK Limited
Oakley, Bedford,
MK43 7TA
T: 01234 825050
E: sales@robopac.com www.aetnagroup.co.uk

Ilapak Ltd
Uxbridge, Middlesex
UB8 2YF
T: 020 8797 2000
E: sales@ilapak.co.uk www.ilapak.com

KHS UK Limited
6 Monkspath Business Park,
Highlands Road, Shirley, Solihull, B90 4NY
T: 0121 713 6900 F: 0121 713 6935
E: info@khs.com www.khs.com

Marden Edwards Shrinkwrap
Wimborne, Dorset BH21 7SH
T: 01202 861200
E: info@meshrinkwrap.com
www.meshrinkwrap.com

Penn Packaging Ltd
Harkstead Hall Barn,
Ipswich, Suffolk IP9 1DB
T: 01473 893990 www.penn-packaging.co.uk
E: email@penn-packaging.co.uk

WestRock
Unit 3 Malory Road, Beacon Park, Gorleston,
Great Yarmouth, NR31 7DT, UK T: 01493 257070
E: aps.uk@westrock.com www.westrock.com/automation-uk

Yorkshire Packaging Systems Ltd
Woodkirk Freight Terminal, Quarry Lane,
Woodkirk, Dewsbury, West Yorkshire WF12 7JJ
T: 01924 441355 F: 01924 440686
E: enquiries@ypps.co.uk www.ypps.co.uk

SKIN PACKAGING

Reiser UK Ltd
The Reiser Building,
Maidstone Rd, Kingston, Milton Keynes, MK10 0BD
T: 01908 585300 F: 01908 585400
E: salesuk@reiser.com www.reiser.com

Sealpac UK Ltd
Units 1-3, The Concept Centre,
Innovation Close, Poole, Dorset BH12 4QD, UK
T: 0845 302 3056 F: 0845 302 3057
E: sales@sealpac-uk.com www.sealpac-uk.com

SLEEVE FEEDERS

A twell
self-adhesive Labellers
T: 01444 239970
E: sales@atwell-labellers.co.uk www.labeller.co.uk

SLEEVING MACHINES

CAMA 3 Ltd
Suite 44, Berkeley House,
Hunts Rise, South Marston Park,
Swindon, Wilts, SN3 4TC
T: 01793 831111 F: 01793 831481
E: cama3@camagroup.com www.camagroup.com

KEYMAC
PACKAGING SYSTEMS
28b Burnett Business Park,
Gypsy Lane, Keynsham,
Bristol BS31 2ED
T: 0117 986 5417
E: sales@keymac.co.uk www.keymac.co.uk

Kliklok International Ltd
Western Drive, Bristol BS14 0AY
E: Jason.Godwin@syntegon.com
T: 01275 557639
www.syntegon.com

SEWTEC AUTOMATION
Dewsbury WF13 3LG T: 01924 494047
E: sales@sewtec.co.uk www.sewtec.co.uk

SPECIAL PURPOSE MACHINES

CME Ltd
Combe St Nicholas, Somerset, TA20 3NL
T: 01460 269500
E: cme@cme-ltd.com
www.cme-ltd.com

GRIPPLE
AUTOMATION
info@grippleautomation.com
www.grippleautomation.com T: 0114 2800 830

Mpac Lambert Ltd
+44 (0)1937 832921
lambert.sales@mpac-group.com
www.mpac-lambert.com

SEWTEC AUTOMATION
Dewsbury WF13 3LG T: 01924 494047
E: sales@sewtec.co.uk www.sewtec.co.uk

SPIRAL CONVEYORS

Astec Conveyors
Robian Way, Swadlincote, Derbyshire DE11 9DH
T: 01283 210333 F: 01283 210444
E: Sales@Astecconveyors.com
www.astecconveyors.com

CKF T: 01452 728753
E: info@ckf.co.uk
THE AUTOMATIC SOLUTION www.ckf.co.uk

Kensal Handling Systems
Kensal House, President Way,
Luton, LU2 9NR
T: +44 (0) 1582 425 777 F: +44 (0) 1 582 425 776
E: sales@kensal.com www.kensal.com

SCM Handling Ltd
Broadgate Business Park, Taunton,
Somerset, TA4 3RU
T: 01823 431838 F: 01823 430806
E: sales@scmhandling.com www.scmhandling.com

STACKING

Jenton Ariana
T: +44 (0)1256 892194
E: sales@jenton.co.uk
www.jentonariana.co.uk

STICK PACK MACHINES

Autopack Ltd
Unit 6, Twyford Court, Rotherwas
Industrial Estate, Hereford HR2 6JR
T: 01432 800 377
E: info@auto-pack.co.uk
www.auto-pack.co.uk

RAUPACK
105 Newdigate Road, Nottingham, NG16 1HN
T: 0115 875 9846
E: contact@raupack.co.uk www.raupack.co.uk

STITCHERS

Fischbein-Saxon Ltd
T: +44 (0) 844 372 2877
E: sales@fischbein-saxon.co.uk
www.fischbein.com/eastern

STRETCH WRAPPERS

Aetna UK Limited
Oakley, Bedford,
MK43 7TA
T: 01234 825050
E: sales@robopac.com www.aetnagroup.co.uk

Yorkshire Packaging Systems Ltd
Woodkirk Freight Terminal, Quarry Lane,
Woodkirk, Dewsbury, West Yorkshire WF12 7JJ
T: 01924 441355 F: 01924 440686
E: enquiries@ypps.co.uk www.ypps.co.uk

TAMPER EVIDENT SLEEVING

Weber Packaging Solutions
Macmerry Industrial Estate,
Tranent, East Lothian, EH33 1HD
T: 01875 611 111 F: 01875 613 310
E: sales@weber.co.uk www.weber.co.uk

TEA BAGGING MACHINES

Ilapak Ltd
Uxbridge, Middlesex
UB8 2YF
T: 020 8797 2000
E: sales@ilapak.co.uk www.ilapak.com

RAUPACK
105 Newdigate Road, Nottingham, NG16 1HN
T: 0115 875 9846
E: contact@raupack.co.uk www.raupack.co.uk

SEWTEC AUTOMATION
Dewsbury WF13 3LG T: 01924 494047
E: sales@sewtec.co.uk www.sewtec.co.uk

THERMAL PRINTERS

Advanced Labelling Systems Ltd
Unit B, Bandet Way, Thame Ind.
Estate, Thame, Oxon OX9 3SJ
T: 01844 213177
E: sales@als-eu.com www.als-eu.com

ATD Marking Systems
Marley House, The Mill, Great Bowden Road,
Market Harborough, Leicestershire, LE16 7DE
T: 01858 461014 F: 01858 436900
E: mail@atduk.com www.atduk.com

A twell
self-adhesive Labellers
T: 01444 239970
E: sales@atwell-labellers.co.uk www.labeller.co.uk

Clearmark Solutions (ICE)
Nottingham NG15 0DP
T: 01159 640144
E: enquiries@uk.interactivecoding.com
www.interactivecoding.co.uk

Open Date Equipment Ltd
Mitcham, Surrey CR4 4DG
T: 020 8655 4999
E: sales@opendate.co.uk
www.opendate.co.uk

Weber Packaging Solutions
Macmerry Industrial Estate,
Tranent, East Lothian, EH33 1HD
T: 01875 611 111 F: 01875 613 310
E: sales@weber.co.uk www.weber.co.uk

THERMAL VISION INSPECTION

Bytronic Birmingham, B60 1BL
T: +44 (0)1564 793174
E: enquiries@bytronic.com
www.bytronic.com

THERMOFORMING

Reiser UK Ltd
The Reiser Building,
Maidstone Rd, Kingston, Milton Keynes, MK10 0BD
T: 01908 585300 F: 01908 585400
E: salesuk@reiser.com www.reiser.com

Sealpac UK Ltd
Units 1-3, The Concept Centre,
Innovation Close, Poole, Dorset BH12 4QD, UK
T: 0845 302 3056 F: 0845 302 3057
E: sales@sealpac-uk.com www.sealpac-uk.com

TRACK & TRACE

Olmecc-UK Ltd
Barton-Upon-Humber
DN18 5RL
T: 01652 631960
E: sales@olmecc-uk.com www.olmecc-uk.com

RAUPACK
105 Newdigate Road, Nottingham, NG16 1HN
T: 0115 875 9846
E: contact@raupack.co.uk www.raupack.co.uk

Packaging Machinery

To advertise contact Robert Beswick T 020 8773 5527 E robert.beswick@ppma.co.uk

SEWTEC AUTOMATION
 Dewsbury WF13 3LG T: 01924 494047
 E: sales@sewtec.co.uk www.sewtec.co.uk

TRAY DENESTING SYSTEMS

MPE UK LIMITED
 Whaley Bridge, Derbyshire SK23 7DQ
 T: +44 1663 732 700
 E: mark@mpe-uk.com
 www.mpe-uk.com

Propack Automation Machinery Ltd
 10 Hill Wootton Rd, Leek Wootton, Warwicks, CV35 7QL
 T: 02476 470074
 E: office@propack.co.uk
 www.propack.co.uk

Reiser UK Ltd
 The Reiser Building, Maidstone Rd, Kingston, Milton Keynes, MK10 0BD
 T: 01908 585300 F: 01908 585400
 E: salesuk@reiser.com www.reiser.com

Sealpac UK Ltd
 Units 1-3, The Concept Centre, Innovation Close, Poole, Dorset BH12 4QD, UK
 T: 0845 302 3056 F: 0845 302 3057
 E: sales@sealpac-uk.com www.sealpac-uk.com

SEWTEC AUTOMATION
 Dewsbury WF13 3LG T: 01924 494047
 E: sales@sewtec.co.uk www.sewtec.co.uk

TRAY ERECTING/PACKING

ETT UK Limited
 Beccles, Suffolk, NR34 7TD
 T: 01502 470812
 E: geoff@ett-uk.com
 www.ett-uk.com

KHS UK Limited
 6 Monkspath Business Park, Highlands Road, Shirley, Solihull, B90 4NY
 T: 0121 713 6900 F: 0121 713 6935
 E: info@khs.com www.khs.com

Kliklok International Ltd
 Western Drive, Bristol BS14 0AY
 E: Jason.Godwin@syntegon.com
 T: 01275 557639
 www.syntegon.com

SEWTEC AUTOMATION
 Dewsbury WF13 3LG T: 01924 494047
 E: sales@sewtec.co.uk www.sewtec.co.uk

Tekpak Automation Ltd (UK)
 T: +44 (0)113 3505694
 E: sales@tekpak.co.uk
 www.tekpak.co.uk

WestRock
 Unit 3 Malory Road, Beacon Park, Gorleston, Great Yarmouth, NR31 7DT, UK T: 01493 257070
 E: aps.uk@westrock.com www.westrock.com/automation-uk

TRAY SEALERS

Ishida Europe Ltd
 Kettles Wood Drive, Woodgate Business Park, Birmingham B32 3DB
 T: 0121 607 7700 F: 0121 607 7666
 E: info@ishidaeurope.com www.ishidaeurope.com

MPE UK LIMITED
 Whaley Bridge, Derbyshire SK23 7DQ
 T: +44 1663 732 700
 E: mark@mpe-uk.com
 www.mpe-uk.com

Reiser UK Ltd
 The Reiser Building, Maidstone Rd, Kingston, Milton Keynes, MK10 0BD
 T: 01908 585300 F: 01908 585400
 E: salesuk@reiser.com www.reiser.com

Sealpac UK Ltd
 Units 1-3, The Concept Centre, Innovation Close, Poole, Dorset BH12 4QD, UK
 T: 0845 302 3056 F: 0845 302 3057
 E: sales@sealpac-uk.com www.sealpac-uk.com

TUB/CUP FILLING & CLOSING MACHINES

Evolution BPS
 T: 01721 724296
 E: sales@evolutionbps.co.uk
 www.evolutionbps.co.uk

Optima Packaging Machinery PLC
 7 Loader Close, Kings Worthy, Hampshire SO23 7TF
 T: 01962 620898 F: +49 (0)791/506-6500
 E: info@optima-gb.com
 www.optima-gb.com

Reiser UK Ltd
 The Reiser Building, Maidstone Rd, Kingston, Milton Keynes, MK10 0BD
 T: 01908 585300 F: 01908 585400
 E: salesuk@reiser.com www.reiser.com

The Food Machinery Company Ltd
 Rochester, Kent ME3 8RF
 01634 272345
 contact@foodmc.com
 www.foodmc.co.uk

TUBE FILLING

Adelphi Group
 Mill Green Road, Haywards Heath, West Sussex RH16 1XQ
 T: 01444 472300
 W: www.adelphi.uk.com

Optima Packaging Machinery PLC
 7 Loader Close, Kings Worthy, Hampshire SO23 7TF
 T: 01962 620898 F: +49 (0)791/506-6500
 E: info@optima-gb.com
 www.optima-gb.com

UNSCRAMBLERS

Autopack Ltd
 Unit 6, Twyford Court, Rotherwas Industrial Estate, Hereford HR2 6JR
 T: 01432 800 377
 E: info@auto-pack.co.uk
 www.auto-pack.co.uk

Optima Packaging Machinery PLC
 7 Loader Close, Kings Worthy, Hampshire SO23 7TF
 T: 01962 620898 F: +49 (0)791/506-6500
 E: info@optima-gb.com
 www.optima-gb.com

Propack Automation Machinery Ltd
 10 Hill Wootton Rd, Leek Wootton, Warwicks, CV35 7QL
 T: 02476 470074
 E: office@propack.co.uk
 www.propack.co.uk

SEWTEC AUTOMATION
 Dewsbury WF13 3LG T: 01924 494047
 E: sales@sewtec.co.uk www.sewtec.co.uk

VACUUM CONVEYING EQUIPMENT

Coperion K-Tron GB
 4 Acorn Business Park, Stockport, Cheshire, SK4 1AS
 T: 0161 209 4810
 E: ckb@coperionktron.com
 www.coperion.com

piab
 Oaks Ind. Est., Festival Drive, Loughborough, LE11 5XN
 T: 01509 857010 F: 01509 857011
 E: info-uk@piab.com www.piab.com

VACUUM CUPS

piab
 Oaks Ind. Est., Festival Drive, Loughborough, LE11 5XN
 T: 01509 857010 F: 01509 857011
 E: info-uk@piab.com www.piab.com

VACUUM LIFTING EQUIPMENT

JOULIN (UK)
 T: 0191 265 9151
 E: joulinuk@joulin.com
 www.joulin.com

Packline Materials Handling
 T: 01202 307700 E: info@packline.co.uk
 www.packline.co.uk

piab
 Oaks Ind. Est., Festival Drive, Loughborough, LE11 5XN
 T: 01509 857010 F: 01509 857011
 E: info-uk@piab.com www.piab.com

VACUUM PACKING SYSTEMS

Reiser UK Ltd
 The Reiser Building, Maidstone Rd, Kingston, Milton Keynes, MK10 0BD
 T: 01908 585300 F: 01908 585400
 E: salesuk@reiser.com www.reiser.com

VACUUM PUMPS

Leybold
 Leatherhead Road, Chessington, Surrey, KT9 2QL
 T: 01372 737300 E: sales.LN@leybold.com
 www.leybold.com

piab
 Oaks Ind. Est., Festival Drive, Loughborough, LE11 5XN
 T: 01509 857010 F: 01509 857011
 E: info-uk@piab.com www.piab.com

VACUUM TRANSFER SYSTEMS

Coperion K-Tron GB
 4 Acorn Business Park, Stockport, Cheshire, SK4 1AS
 T: 0161 209 4810
 E: ckb@coperionktron.com
 www.coperion.com

piab
 Oaks Ind. Est., Festival Drive, Loughborough, LE11 5XN
 T: 01509 857010 F: 01509 857011
 E: info-uk@piab.com www.piab.com

VERIFICATION

SEWTEC AUTOMATION
 Dewsbury WF13 3LG T: 01924 494047
 E: sales@sewtec.co.uk www.sewtec.co.uk

Weber Packaging Solutions
 Macmerry Industrial Estate, Trant, East Lothian, EH33 1HD
 T: 01875 611 111 F: 01875 613 310
 E: sales@weber.co.uk www.weber.co.uk

VIBRATORY BOWL FEEDERS

Paramount Packaging Systems
 T: 01252 815252
 E: fuji@paramount-packaging.co.uk
 www.paramount-packaging.co.uk

Riley Automation
 E: sales@rileyautomation.com
 T: 01332 275850 www.rileyautomation.com

RNA AUTOMATION LTD
 Birmingham B35 7AG
 T: 0121 749 2566
 E: sales@rnaautomation.com
 www.rnaautomation.com

TM Robotics Ltd
 Welwyn Garden City, Hertfordshire, AL7 1JG
 T: 01707 290370
 E: sales@tmrobotics.co.uk
 www.tmrobotics.co.uk

VIBRATORY CONVEYOR SYSTEMS

Sealpac UK Ltd
 Units 1-3, The Concept Centre, Innovation Close, Poole, Dorset BH12 4QD, UK
 T: 0845 302 3056 F: 0845 302 3057
 E: sales@sealpac-uk.com www.sealpac-uk.com

The Food Machinery Company Ltd
 Rochester, Kent ME3 8RF
 01634 272345
 contact@foodmc.com
 www.foodmc.co.uk

VIBRATORY WEIGHERS

Multipond Limited
 Genoa Way, High Wycombe, HP11 1NY
 T: 01494 471580 F: 01494 533487
 E: info@multipond.co.uk www.multipond.com

Sealpac UK Ltd
 Units 1-3, The Concept Centre, Innovation Close, Poole, Dorset BH12 4QD, UK
 T: 0845 302 3056 F: 0845 302 3057
 E: sales@sealpac-uk.com www.sealpac-uk.com

VISION COMPONENTS

Allied Vision
 T: 01428 748874 M: 0753 1122211
 E: info@alliedvision.com www.alliedvision.com

Alrad Imaging
 Newbury, Berkshire RG14 2NS
 T: 01635 30345
 E: sales@alrad.co.uk www.alrad.co.uk
 Alrad Imaging is a trading division of Alrad Instruments Ltd.

IDS
 Landmark House, Station Road, Hook, RG27 9HA, United Kingdom
 T: 01256 962910
 E: uksales@ids-imaging.com www.ids-imaging.com

IMPERX, Inc.
 Florida, 33487, USA
 T: (+1)-561-989-0006
 E: sales@imperx.com
 www.imperx.com

MultiPix imaging
 Petersfield, Hampshire GU32 3QF
 T: 01730 233332
 E: sales@multipix.com www.multipix.com

Scorpion Vision Ltd
 118 Gore Road, New Milton, Hampshire BH25 6SJ
 T: 01590 679333
 E: sales@scorpionvision.co.uk
 www.scorpionvision.co.uk

VISION - END OF LINE INSPECTION

IMPERX, Inc.
 Florida, 33487, USA
 T: (+1)-561-989-0006
 E: sales@imperx.com
 www.imperx.com

Jenton Dimaco
 T: +44 (0)1256 892194
 E: sales@jenton.co.uk
 www.dimaco.co.uk

Olmec-UK Ltd
 Barton-Upon-Humber DN18 5RL
 T: 01652 631960
 E: sales@olmec-uk.com www.olmec-uk.com

Scorpion Vision Ltd
 118 Gore Road, New Milton, Hampshire BH25 6SJ
 T: 01590 679333
 E: sales@scorpionvision.co.uk
 www.scorpionvision.co.uk

Sealpac UK Ltd
 Units 1-3, The Concept Centre, Innovation Close, Poole, Dorset BH12 4QD, UK
 T: 0845 302 3056 F: 0845 302 3057
 E: sales@sealpac-uk.com www.sealpac-uk.com

SEWTEC AUTOMATION
 Dewsbury WF13 3LG T: 01924 494047
 E: sales@sewtec.co.uk www.sewtec.co.uk

SICK (UK) LTD
 Walkditch House, 39 Hedley Rd, St Albans, Herts AL1 5BN
 T: 01727 831121 F: 01727 856767
 E: info@sick.co.uk www.sick.co.uk

Sparc Systems Ltd
 Malvern, Worcestershire, WR13 6NP
 T: 01684 310000
 E: sales@sparc-systems.co.uk
 www.sparc-systems.co.uk

Valco Melton UK
 Hortonwood 32, Telford TF1 7YN
 T: 01952 677911 F: 01952 677945
 E: uk@valcomelton.com www.valcomelton.com

VISION - HIGH SPEED IMAGING

Allied Vision
 T: 01428 748874 M: 0753 1122211
 E: info@alliedvision.com www.alliedvision.com

IMPERX, Inc.
 Florida, 33487, USA
 T: (+1)-561-989-0006
 E: sales@imperx.com
 www.imperx.com

MultiPix imaging
 Petersfield, Hampshire GU32 3QF
 T: 01730 233332
 E: sales@multipix.com www.multipix.com

Olmec-UK Ltd
 Barton-Upon-Humber DN18 5RL
 T: 01652 631960
 E: sales@olmec-uk.com www.olmec-uk.com

Scorpion Vision Ltd
 118 Gore Road, New Milton, Hampshire BH25 6SJ
 T: 01590 679333
 E: sales@scorpionvision.co.uk
 www.scorpionvision.co.uk

To advertise contact Robert Beswick **T** 020 8773 5527 **E** robert.beswick@ppma.co.uk **Packaging Machinery**

SEWTEC AUTOMATION
Dewsbury WF13 3LG T: 01924 494047
E: sales@sewtec.co.uk www.sewtec.co.uk

SICK (UK) LTD **SICK**
Waldkirch House, 39 Hedley Rd,
St Albans, Herts AL1 5BN
T: 01727 831121 F: 01727 856767
E: info@sick.co.uk www.sick.co.uk

VISION INSPECTION

Allied Vision
T: 01428 748874 M: 0753 1122211
E: info@alliedvision.com www.alliedvision.com

Alrad Imaging **ALRAD IMAGING**
Newbury, Berkshire RG14 2NS
T: 01635 30345
E: sales@alrad.co.uk www.alrad.co.uk
Alrad Imaging is a trading division of Alrad Instruments Ltd.

IMPERX, Inc. **IMPERX**
Florida, 33487, USA
T: (+1)-561-989-0006
E: sales@imperx.com
www.imperx.com

MultiPix imaging
Petersfield, Hampshire GU32 3QF
T: 01730 233332
E: sales@multipix.com www.multipix.com

Olmec-UK Ltd **Olmec**
Barton-Upon-Humber DN18 5RL
T: 01652 631960
E: sales@olmec-uk.com www.olmec-uk.com

RNA AUTOMATION LTD
Birmingham B35 7AG
T: 0121 749 2566
E: sales@rnaautomation.com
www.rnaautomation.com

Scorpion Vision Ltd
118 Gore Road, New Milton,
Hampshire BH25 6SJ
T: 01590 679333
E: sales@scorpionvision.co.uk
www.scorpionvision.co.uk

SEWTEC AUTOMATION
Dewsbury WF13 3LG T: 01924 494047
E: sales@sewtec.co.uk www.sewtec.co.uk

SICK (UK) LTD **SICK**
Waldkirch House, 39 Hedley Rd,
St Albans, Herts AL1 5BN
T: 01727 831121 F: 01727 856767
E: info@sick.co.uk www.sick.co.uk

Sparc Systems Ltd
Malvern, Worcestershire, WR13 6NP
T: 01684 310000
E: sales@sparc-systems.co.uk
www.sparc-systems.co.uk

Valco Melton UK **VALCO MELTON**
Hortonwood 32,
Telford TF1 7YN
T: 01952 677911 F: 01952 677945
E: uk@valcomelton.com www.valcomelton.com

Weber Packaging Solutions **Weber**
Macmerry Industrial Estate,
Tranent, East Lothian, EH33 1HD
T: 01875 611 111 F: 01875 613 310
E: sales@weber.co.uk www.weber.co.uk

VISION - LINE SCAN TECHNOLOGY

Alrad Imaging **ALRAD IMAGING**
Newbury, Berkshire RG14 2NS
T: 01635 30345
E: sales@alrad.co.uk www.alrad.co.uk
Alrad Imaging is a trading division of Alrad Instruments Ltd.

IDS **IDS**
Landmark House, Station Road,
Hook, RG27 9HA, United Kingdom
T: 01256 962910
E: uksales@ids-imaging.com www.ids-imaging.com

Scorpion Vision Ltd
118 Gore Road, New Milton,
Hampshire BH25 6SJ
T: 01590 679333
E: sales@scorpionvision.co.uk
www.scorpionvision.co.uk

SEWTEC AUTOMATION
Dewsbury WF13 3LG T: 01924 494047
E: sales@sewtec.co.uk www.sewtec.co.uk

VISION SYSTEMS

Allied Vision
T: 01428 748874 M: 0753 1122211
E: info@alliedvision.com www.alliedvision.com

IMPERX, Inc. **IMPERX**
Florida, 33487, USA
T: (+1)-561-989-0006
E: sales@imperx.com
www.imperx.com

Leuze electronic
the sensor people
01480 408500 mail@leuze.co.uk www.leuze.co.uk

MultiPix imaging
Petersfield, Hampshire GU32 3QF
T: 01730 233332
E: sales@multipix.com www.multipix.com

Scorpion Vision Ltd
118 Gore Road, New Milton,
Hampshire BH25 6SJ
T: 01590 679333
E: sales@scorpionvision.co.uk
www.scorpionvision.co.uk

Sealpac UK Ltd **SEALPAC UK**
Units 1-3, The Concept Centre,
Innovation Close, Poole, Dorset BH12 4QD, UK
T: 0845 302 3056 F: 0845 302 3057
E: sales@sealpac-uk.com www.sealpac-uk.com

SEWTEC AUTOMATION
Dewsbury WF13 3LG T: 01924 494047
E: sales@sewtec.co.uk www.sewtec.co.uk

SICK (UK) LTD **SICK**
Waldkirch House, 39 Hedley Rd,
St Albans, Herts AL1 5BN
T: 01727 831121 F: 01727 856767
E: info@sick.co.uk www.sick.co.uk

Weber Packaging Solutions **Weber**
Macmerry Industrial Estate,
Tranent, East Lothian, EH33 1HD
T: 01875 611 111 F: 01875 613 310
E: sales@weber.co.uk www.weber.co.uk

VISION SYSTEMS - 3D

IDS **IDS**
Landmark House, Station Road,
Hook, RG27 9HA, United Kingdom
T: 01256 962910
E: uksales@ids-imaging.com www.ids-imaging.com

MultiPix imaging
Petersfield, Hampshire GU32 3QF
T: 01730 233332
E: sales@multipix.com www.multipix.com

Olmec-UK Ltd **Olmec**
Barton-Upon-Humber DN18 5RL
T: 01652 631960
E: sales@olmec-uk.com www.olmec-uk.com

Scorpion Vision Ltd
118 Gore Road, New Milton,
Hampshire BH25 6SJ
T: 01590 679333
E: sales@scorpionvision.co.uk
www.scorpionvision.co.uk

SEWTEC AUTOMATION
Dewsbury WF13 3LG T: 01924 494047
E: sales@sewtec.co.uk www.sewtec.co.uk

SICK (UK) LTD **SICK**
Waldkirch House, 39 Hedley Rd,
St Albans, Herts AL1 5BN
T: 01727 831121 F: 01727 856767
E: info@sick.co.uk www.sick.co.uk

VISION SYSTEMS INTEGRATOR

Bytronic **BYTRONIC**
Birmingham, B60 1BL
T: +44 (0)1564 793174
E: enquiries@bytronic.com
www.bytronic.com

GRIPPLE AUTOMATION
info@grippleautomation.com
www.grippleautomation.com T: 0114 2800 830

MultiPix imaging
Petersfield, Hampshire GU32 3QF
T: 01730 233332
E: sales@multipix.com www.multipix.com

Olmec-UK Ltd **Olmec**
Barton-Upon-Humber DN18 5RL
T: 01652 631960
E: sales@olmec-uk.com www.olmec-uk.com

Scorpion Vision Ltd
118 Gore Road, New Milton,
Hampshire BH25 6SJ
T: 01590 679333
E: sales@scorpionvision.co.uk
www.scorpionvision.co.uk

SEWTEC AUTOMATION
Dewsbury WF13 3LG T: 01924 494047
E: sales@sewtec.co.uk www.sewtec.co.uk

Weber Packaging Solutions **Weber**
Macmerry Industrial Estate,
Tranent, East Lothian, EH33 1HD
T: 01875 611 111 F: 01875 613 310
E: sales@weber.co.uk www.weber.co.uk

WEIGHING MACHINES

Autopack Ltd
Unit 6, Twyford Court, Rotherwas
Industrial Estate, Hereford HR2 6JR
T: 01432 800 377
E: info@auto-pack.co.uk
www.auto-pack.co.uk

AST Ltd **MADE IN GERMANY**
multiweigh
Precision in Weighing Technology
T: +44(0)7730 656691
E: wd@multiweighuk.com www.multiweighuk.com

BW Flexible Systems
Nottingham, NG9 1PF, United Kingdom
T: 0115 967 8787 E: sales@bwflexiblesystems.com
www.bwflexiblesystems.com

Coperion K-Tron GB
4 Acom Business Park, Stockport, Cheshire, SK4 1AS
T: 0161 209 4810
E: ckb@coperionktron.com
www.coperion.com

Multipond Limited **MULTIPOND**
Genoa Way, High Wycombe, HP11 1NY
T: 01494 471580 F: 01494 533487
E: info@multipond.co.uk www.multipond.com

pfm **PFM**
PFM House, 2 Pilgrim Way,
Leeds LS28 6LU
T: +44 (0)113 2393401
E: sales@pfmuk.com
www.pfmuk.com

Sealpac UK Ltd **SEALPAC UK**
Units 1-3, The Concept Centre,
Innovation Close, Poole, Dorset BH12 4QD, UK
T: 0845 302 3056 F: 0845 302 3057
E: sales@sealpac-uk.com www.sealpac-uk.com

STATEC BINDER GmbH **SB**
Industriestrasse 32, 8200 Gleisdorf,
Austria. T: +43 3112 38580-0
E: office@statec-binder.com
www.statec-binder.com

The Food Machinery Company Ltd
Rochester, Kent ME3 8RF
01634 272345
contact@foodmc.com
www.foodmc.co.uk

Weber Packaging Solutions **Weber**
Macmerry Industrial Estate,
Tranent, East Lothian, EH33 1HD
T: 01875 611 111 F: 01875 613 310
E: sales@weber.co.uk www.weber.co.uk

WRAP AROUND PACKERS

ADPAK **30 YEARS**
PACKAGING SYSTEMS & FILMS
T: 01282 601444 E: sales@adpak.co.uk
www.adpakmachinerysystems.com

CAMA 3 Ltd **CAMA**
Suite 44, Berkeley House,
Hunts Rise, South Marston Park,
Swindon, Wilts, SN3 4TG
T: 01793 831111 F: 01793 831481
E: cama3@camagroup.com www.camagroup.com

ETT UK Limited
Beccles, Suffolk, NR34 7TD
T: 01502 470812
E: geoff@ett-uk.com
www.ett-uk.com

ixAPACK GLOBAL
T: +33 772 142 856
E: laurent.noiraud@ixapack.com
www.ixapack.com

KHS UK Limited **KHS UK**
6 Monkspath Business Park,
Highlands Road, Shirley, Solihull, B90 4NY
T: 0121 713 6900 F: 0121 713 6935
E: info@khs.com www.khs.com

Penn Packaging Ltd **MEYPACK**
Harksstead Hall Barn,
Ipswich, Suffolk IP9 1DB
T: 01473 893990 www.penn-packaging.co.uk
E: email@penn-packaging.co.uk

Rovema Packaging Machines Ltd
8 Merlin Centre, Gatehouse Close,
Aylesbury, Bucks HP19 8DP
T: 01296 310490 F: 01296 483440
E: sales@rovema.co.uk
www.rovema.com

WestRock
Unit 3 Malory Road, Beacon Park, Gorleston,
Great Yarmouth, NR31 7DT, UK T: 01493 257070
E: aps.uk@westrock.com www.westrock.com/automation-uk

WRAPPING/OVERWRAPPING

CME Ltd **CME**
Combe St Nicholas, Somerset, TA20 3NL
T: 01460 269500
E: cme@cme-ltd.com
www.cme-ltd.com

ETT UK Limited
Beccles, Suffolk, NR34 7TD
T: 01502 470812
E: geoff@ett-uk.com
www.ett-uk.com

Ilapak Ltd **IMA ILAPAK**
Uxbridge, Middlesex
UB8 2YF
T: 020 8797 2000
E: sales@ilapak.co.uk www.ilapak.com

Marden Edwards Limited
Wimborne, Dorset BH21 7SH
T: 01202 861200
E: info@mardenedwards.com
www.mardenedwards.com

Sollas UK Ltd **sollas**
Hampshire RG28 7BB
T: 01256 896930
E: sales@sollasuk.com www.sollas.com

Yorkshire Packaging Systems Ltd
Woodkirk Freight Terminal, Quarry Lane,
Woodkirk, Dewsbury, West Yorkshire WF12 7JL
T: 01924 441355 F: 01924 440686
E: enquiries@yps.co.uk www.yps.co.uk

X-RAY INSPECTION SYSTEMS

Anritsu Invisis Ltd **Anritsu**
Unit 3, Scott Road, Luton,
LU3 3BF, UK
T: +44 (0)845 539 9729
www.anritsu.com/en-GB/invisis

Ishida Europe Ltd **ISHIDA**
Kettles Wood Drive,
Woodgate Business Park, Birmingham B32 3DB
T: 0121 607 7700 F: 0121 607 7666
E: info@ishidaeurope.com www.ishidaeurope.com

Sealpac UK Ltd **SEALPAC UK**
Units 1-3, The Concept Centre,
Innovation Close, Poole, Dorset BH12 4QD, UK
T: 0845 302 3056 F: 0845 302 3057
E: sales@sealpac-uk.com www.sealpac-uk.com

Sparc Systems Ltd
Malvern, Worcestershire, WR13 6NP
T: 01684 310000
E: sales@sparc-systems.co.uk
www.sparc-systems.co.uk

Yamato
Leeds, LS11 5AL
T: 0113 322 1546
E: sales1@yamatoscale.co.uk
www.yamatoscale.co.uk

CEIA

INDUSTRIAL METAL DETECTION

NEW



THS/MBHD

**MARKET'S MAXIMUM PERFORMANCE
ON HEAVY PRODUCT SIZES**

NEW



THS/FBBV AND THS/FBV

**SPECIFIC DESIGN FOR VERTICAL-ORIENTED
PRODUCTS**



CEIA AUTHORISED DEALER

► Contact us on: 0161 286 8750 [TECHNICAL] - 0161 286 8755 [SALES]

www.mds.org.uk

UK FULL SERVICE AND TECHNICAL SUPPORT

- 24-7 Help Line and Assistance
- Metal Detector Validation and Retailer Code of practice training