ISSUE 1, Volume XXXIII, January/February 2022

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



at the new alternatives that are now available to the sector

INSIDE



NEWS

The PPMA has launched the Grant Jamieson Engineering Scholarship which aims to support young people who have an interest in pursuing a career in engineering

NEW MACHINERY

Shemesh has launched a new mechanical cam-based rotary piston filling machine that achieves a filling tolerance of +/- 2 ml and speeds of up to 300 containers per minute Find out more on page 12

INSTALLATIONS

CCEP is changing its materials handling fleet to help it become a Net Zero business



PLUS

The PPMA offers a range of courses and seminars covering practical, technical and also regulatory matters shelly.bridgnell@ppma.co.uk

PUBLISHED BY





your carton packaging solution!



ET

End Load



Robotics





Ecowrap®



Infeed





Top Load



Conveyors





Case Packing



ETPACK SPRINTER UK

Suite 9, Unit 1, Kingfisher Court Business Centre, Hambridge Road, Newbury, Berkshire RG 14 5SJ +44 (0) 1635 905 090 dianne@et-pack.com



Engineering



www.et-pack.com

January/February 2022

Contents

7 NEWS

PPMA members are evidently anticipating a busy year ahead with news of expansions, moves, investments and developments

12 NEW MACHINERY

We start off 2022 with ten pages of new machinery just launched

24 INSTALLATIONS

Coke bottler invests in MHE fleet to reduce carbon emissions in UK

30 SPECIAL FEATURE FRESH PRODUCE

In this feature, we cover the latest technologies that are helping this under-pressure sector to work in a smarter way to cope with the Brexit fall-out and the ongoing ramifications of the pandemic





REGULAR FEATURES

10 REGULATIONS

Helping to ensure machine safety is vital for all builders and users

28 COVID-19

Label press delivers the QR codes for tracking oxygen concentrators

48 LABELLING CODING & MARKING

Digital labelling gives fresh food company the production agility it needs to meet client demand

50 VISION

Latest streaming cameras are now offering users time-saving options

52 COMPONENTS

New servo technology helps to put the iconic swing-tops onto Grolsch

56 WHO WHAT WHERE

People, events and diary dates

57 MACHINERY FINDER

Machinery and also services

MACHINER

Gail Hunt gail.hunt@ppma.co.uk

PUBLISHING MANAGER:

Bill Lake bill.lake@ppma.co.uk

ARTWORK CONTRIBUTOR: Barry Heath

HEAD OF PUBLISHING: David Chadd david.chadd@ppma.co.uk

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

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 CV213RQ 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

PPMA BARA UKIVA





your products

THE BENEFITS **OF OVERWRAPPING:**





sollas.com

Over 10.000 machines sold world-wide!

01256 896930

ADPAK CAN DELIVER

END OF LINE PACKAGING SOLUTIONS

THAT ARE RIGHT FOR YOU

HIGH-SPEED PACKAGING LINES

SHRINK WRAPPING

SPIRAL WRAPPING

FEEDING & SEPARATION SYSTEM

COMPLETE END-OF-LINE PACKAGING SYSTEMS

SLEEVE WRAPPING

TRIM SEALING

ADPAK PACKAGING SYSTEMS & FILMS

E-COMMERCE AUTO BAGGING

FLOW WRAPPING

CASE ERECTING & CASE TAPING

PALLET WRAPPING

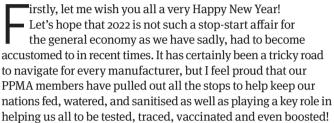
www.adpak.co.uk

3 PENDLESIDE, LOMESHAYE IND ESTATE, NELSON, LANCS, BB9 6RY Tel: 01282 601444 | Fax: 01282 612201 | info@adpak.co.uk

PPMA matters

Keeping it 'fresh' will help us all..

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



The special feature in this issue looks at the very latest developments and installations seen in the fresh produce sector across last year. There surely can't be many more market sectors hit so hard by labour shortages across the board, from picking to packing or from farm to fork... But this, in turn, seems to have forced new technology to the fore. And not even the newest technology, just automation in general in many cases.

As the fresh produce sector starts to adopt this technology, much of which has been available for some time, the true benefits are being felt. Even tricky applications such as trimming sprouts automatically, or handling delicate soft fruits at speed, or picking; washing and packing various vegetables all on one vehicle, have all been accommodated.

Making a connection between the range of enabling technologies on offer is to everyone's benefit

But the connection with this enabling technology has been made because of labour shortages – this has been the driver for the investment. The same can be said for more sustainable packaging formats that are now being demanded by retailers and consumers. You will find many clever examples that have been developed to answer these needs within the feature.

Just as COVID-19 forced us all into new ways of working, with more remote options demanded in many cases, so acute labour shortages and sustainability issues are driving this market. But I would argue, the increased productivity that will be delivered, would have justified the investment way before now.

And even when money is tight, there is often help with funding to take advantage of. Last year's budget's supertax-deduction, for instance, which allows businesses to offset the cost of new equipment against tax, plus an additional 30%.

Finally, let me once gain wish you all the very best for the year ahead, when I feel sure you can continue to rely on the vast range of technologies and the service levels provided by our entire PPMA membership across all industry sectors.



Visit: www.acorn-ind.co.uk email: enquiries@acorn-ind.co.uk or call: 0800 8766 441







Protect your critical assets from spinning out of control!

Vibration monitoring 24/7



Monitoring and Condition Based Maintenance of rotating machinery. This complete solution makes your machines fit for Industry 4.0

- Continuous diagnostic: Full coverage of your critical assets at all times.
- Early diagnostics: Monitoring of imbalance, wear and overall vibration.
- Maximum efficiency: Permanent diagnostics helps keep your assets running efficiently.
- Easy integration: ifm provides individual solutions suited to different types of machines.

Reducing costs, avoiding unplanned downtime and optimising processes: The ifm application solutions.

ifm – close to you!



Go ifmonline ifm.com/uk

News



Karmelle is expanding its premises

Manufacturing site expands with larger fabrication facilities

Karmelle is expanding its factory to accommodate a growing fabrication department with the liquid packaging specialist taking on a new 3200sq ft unit where frames and parts for its filling, capping and labelling equipment will be made.

Since bringing the machinery manufacturing process inhouse, the company has invested heavily in its existing 15,000sq ft facility which now includes a machine shop and two workshops. Today, it manufactures the majority of its equipment onsite in West Yorkshire.

The fabrication team will move into the new unit early this year.

The Grant Jamieson engineering scholarship is launched by PPMA

t the Chairman's Lunch held in December, the PPMA Group of Associations' chairman David Barber announced the launch of the Grant Jamieson Engineering Scholarship.

Jamieson, formerly the md of Winkworth Machinery, was most recently the PPMA Group's marketing and communications director and has stood down after 11 years of service. He became chairman of the PPMA in 2015 which provided a platform for him to speak passionately about the engineering skills shortage. Indeed, he has continually voiced concern that the UK manufacturing industry continues to suffer from an ageing workforce, caused by diminished entrants into the engineering sector over the last 25 years.

"In recognition of Grant's service to the PPMA, and in support of his passion to



Jamieson has backed young people

aid re-generation of future engineering talent, it gives me great pleasure to formally announce the launch of this scholarship in 2022," said David Barber, The PPMA is committed to its funding and the trustees of PPMA Best will define and execute the scholarship.

The aim is to support people who have a genuine interest in pursuing a career in engineering, demonstrating practical application outside of their studies.



The Omron team welcome visitors

Centre redesign is set to fast track the factory of the future

Following a major redesign to incorporate a new demonstration area, Omron says its Automation Centre, which spans well over 800sq m of floor space, is now helping to ease the transition to automation for manufacturers.

The Barcelona-based facility enables visitors from across the EMEA region to collaborate with the company on general and application-specific industrial automation solutions. This can include robotics, vision, quality control, flexible manufacturing and AI, and all designed to further increase project success.

The newly updated and expanded facility allows customers to experience the benefits of a connected intelligent factory before making an investment.



THIRTY PARTICIPANTS RAISED FUNDS FOR CAMPAIGN

Movember magic at Antalis

Thirty members of the Antalis conversion team took part in Movember 2021, the annual event that sees men grow a moustache - whether this be a regular 'mo', a handlebar, or a French moustache to raise funds and awareness for men's health. So far, the team has raised over £3000 for the campaign.

You can donate at: www.justgiving.com/fundraising/antalis-ltd

Open House event shows the appetite for automation in the UK

A full schedule of speakers and a record number of visitors to its Open House event in November demonstrated the appetite for automation in manufacturing, says Fanuc UK.

With over 1,000 people passing through its HQ doors at Antsy Park, Coventry, Fanuc's week-long event brought together individuals from across the industry to look at the future of automation. Keynote speakers and panel discussions also took place which looked at the Future of Automation in terms of manufacturing, development, training, apprenticeships and Industry 4.0 along with IIoT.



Work has begun on the warehouse

Further expansion at a key company hub

The KEB Automation HQ in Barntrup, Germany is being further expanded with the construction of a brand new high-bay warehouse which is being built over the next 18 months on the former car park, with scheduled completion set for Spring 2023.

News

Investment increases EMC and RF testing capacity at UK site



ÜV SÜD is investing £1.65 million in a 1,800sq m fully automated EMC and RF testing facility. Based at TÜV SÜD's Hampshire headquarters, the new facility's three semianechoic EMC chambers will be in addition to five existing ones - significantly increasing test capacity. This will help machinery manufacturers achieve a shorter time to market for products which integrate RF modules, including technologies such as Bluetooth, WiFi and the new 6E frequency bands.



New capacity will reduce lead times

As the new chambers will also offer testing to worldwide compliance specifications, this will support growing demand from manufacturers to access multiple global markets simultaneously.

The three new EMC test chambers will be integrated with TÜV SÜD's bespoke radiated emissions test software. This will create a fully automated solution that will minimise disturbance of the device under test, so that measurements have a high level of repeatability and accuracy. The 24-hour service will also mean that tests can be completed more quickly, ensuring that manufacturers can fulfil product launch timescales. ™www.tuvsud.com/uk

- Pharmaceutical Food and Beverage Chemical
- Aromatherapy Medical Diagnostics E-Cig Adhesives

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

www.capcoder.com

Tel: 01865 891466 Email: info@capcoder.com











Kenworthy with his late son Henry

Father honours his son with an Everest Trek to raise funds

Regional sales manager at Ulma Packaging UK Danny Kenworthy will take a break from his day job in the Spring of this year to raise money for a charity close to his heart, by trekking through the Himalayas to Everest Base Camp in memory of his late son.

He will hike 5,384 metres to fundraise for Reuben's Retreat, which has supported him and his wife following the loss of their son, Henry. The charity offers two branches of support, one for families of complexly poorly children and the other service is for those who have suffered a bereavement.

To donate to this great cause, visit www.justgiving.com/ fundraising/danny-kenworthyl

New deal sealed with a handshake

Alliance will meet warehouse demand

Wise Robotics, formerly known as OW Robotics, has entered a new strategic alliance with conveyor, sortation and storage systems provide BS Handling Systems to supply large scale fulfilment automation for warehouse operators across all sectors. Together, it will supply flexible, efficient and scalable hardware solutions.

Automation is the key to productivity gains, says major new report

peeding up adoption of industrial automation and robotics can lead to dramatic improvements in productivity, according to a new report published by the Manufacturing Technology Centre (MTC) and the Industrial Policy Research Centre (IPRC), Loughborough University.

'Robotics and Automation: A New Perspective' says that the slow uptake of robotics among British manufacturers, and a reluctance to invest in automation, has contributed to the country's poor productivity performance in recent years. But investment in automation along with reshoring manufacturing operations, can lead to new opportunities for UK businesses.

Compiled by MTC and IPRC experts with contributions from major players in the world of automation, including PPMA members, the report says that

although the UK is 24th in the world for robot density in manufacturing businesses, and lags behind in productivity as a result, the technology to turn the situation around already exists.

The priority going forward is to improve the rate of adoption and independent advice to new users. particularly in the SME supply chain, which will be the key.

The report calls for more support for UK businesses to help them with adoption at every stage, from identifying opportunities, getting workforce buy-in, selecting suppliers, ensuring they have the right skills, and implementing solutions. It also calls for knowledgesharing across industry and the automation supply chain to develop, demonstrate, test and de-risk affordable and deployable automation. www.the-mtc.org

In brief

NEW PLATINUM STATUS

RARUK Automation has achieved platinum status distributorship ranking with Universal Robots (UR). This means the Shefford-based company joins an elite group of just seven UR distributors to hold this distinction, out of many hundreds across the world. Key to this success is the resources RARUK makes available to UR customers in the UK as well as its network of integrators.

PARTNER PROGRAMME

Vertical form, fill and seal machine builder GIC has become a gold-level partner in the Rockwell Automation PartnerNetwork programme. Strict criteria for operational excellence, application expertise and customer focus must be demonstrated to join this programme, and all such partners must be committed to providing the most productive and costeffective automation solutions.

INNOVATION AWARD

Watson-Marlow Fluid Technology Group has been named Most Innovative Pharma Fluid Management Solutions Provider 2021 at the Global Health and Pharma Healthcare and Pharmaceutical Awards.

BEST SUPPLIER NAMED

Stober has been named as the best supplier from more than 800 strategic vendors of machine tool company the TRUMPF Group. As well as its product quality and ability to meet delivery needs, Stobers' highly professional and reliable consultancy service, with round-the-clock employee flexibility, was commended.

SHOW IS 85% SOLD OUT

The biennial co-located events: Drives & Controls, Smart Industry Expo, Fluid Power & Systems, Plant & Asset Management, and Air-Tech exhibitions – are set to return to Birmingham's NEC between 5 – 7 April this year, taking place alongside MACH.

Local hospice benefits through a three-year fundraising effort



Richard Armstrong (left) is seen presenting OEM's latest donation to LOROS

Richard Armstrong marked his retirement as managing director of OEM Automatic at the end of 2021 by looking back at the support he and the staff at OEM have given to LOROS over the last three years.

His support for the Leicesterbased charity started in 2018 and since then, the team has

raised over £20,000 for the local hospice. Fundraising has involved staff taking part in half marathons, twilight walks, Christmas jumper days and bag packing volunteering to name but a few. New managing director Peter Evans will continue this support going forward.

Regulations

Helping to ensure machinery is safe

Paul Taylor
MANAGER FOR MACHINERY SAFETY ATTÜV SÜD PRODUCT SERVICE



Although very little has changed in terms of regulations since Brexit, it is still the case that machinery must not be placed on the market or put into service unless it is safe; and getting this right is vital

rom a practical perspective, two years on from Brexit very little has changed. The UK standards currently remain the same as European Union (EU) harmonised standards, as they were simply carried across as UK designated standards in order to maintain a single model.

Since 1995 it has been a requirement that all machines supplied within the European Economic Area (EEA) comply with the Machinery Directive. For the UK market, the Supply of Machinery (Safety) Regulations 2008 now aligns with the EU's Machinery Directive. The regulations apply to machinery that is placed on the market or put into service on or after 29th December 2009. The 1995 regulations apply to anything before that date.

The following persons or companies are responsible for compliance with the Supply of Machinery (Safety) Regulations:

- Machine builders.
- Assemblers of machine parts or installations.
- Manufacturers of specialpurpose tools, skids and rigs.
- Machinery importers located in the UK.
- Machinery distributors
 or dealers that buy from
 a UK-based manufacturer
 or importer have the
 obligation to verify that
 the conformity assessment
 was performed and
 that the necessary
 documentation and
 information is available.

Relevant machinery under the regulations includes assemblies of machinery, components and interchangeable equipment:

- An assembly fitted with or intended to be fitted with a drive system other than directly applied manual or animal effort, consisting of linked parts or
- Components, at least one of which moves, and which are joined together for a specific application.
- 3. Machinery referred to in 1 missing only the components to connect it on site or to sources of energy and motion.

sufficient responsibility to ensure machinery safety. However, they do not have to be an expert as they are allowed to seek appropriate advice. The responsible person must ensure that all the necessary research and tests are conducted so that machinery can be assembled and put into service safely. The responsible person must also ensure that the applicable essential health and safety requirements (EHSR) are satisfied. These are wide ranging, and take into account potential dangers to operators and other persons who may be at risk. A typical example

unless a knowledge of them is essential for verification and compliance with the EHSRs.

The appropriate conformity assessment procedure must also be followed, using either:

- Regulation 10 Machinery not referred to in Annex IV, which details categories of machinery
- Regulation 11 Annex IV machinery manufactured fully in accordance with published harmonised standards
- Regulation 12 Annex IV machinery not manufactured fully in accordance with published harmonised standards.

The responsible person must also ensure that appropriate instructions are made available to operate machinery safely; that a declaration of conformity is drawn up; and that the UKCA (for UK market) or CE (for EEA market) marking is affixed. In the UK, there has been an extension to the acceptance of CE marking in the UK until 1st January 2023, after which the UKCA marking requirements apply. Quite simply, machinery must not be placed on the market or put into service unless it is safe. Getting this right is vital as non-compliance with a regulation is a criminal offence, punishable by fines and imprisonment.

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

Making your machinery safe is vital as non-compliance is a criminal offence, punishable by fines or prison

- 4. Lifting apparatus whose only power source is directly applied manual effort.
- 5. An assembly of machines and/or partly completed machinery which, in order to achieve the same end are arranged and controlled to function as an integral whole.
- 6. Interchangeable equipment
 a device which, after
 placing into service with
 machinery or tractor,
 is assembled with that
 machinery or tractor by
 the operator himself in
 order to change its function.
 UK regulations define a
 responsible person as one
 who holds a position of

of an EHSR is the requirement to provide adequate warning labels where there are moving parts that might trap parts of the body of personnel using the machine. Another would be the requirement to provide safety guards to machine tools.

The responsible person must also ensure that the technical file is compiled and remain available for inspection by a competent national authority, such as the UK Health and Safety Executive, for a period of ten years. However, it does not have to include detailed information such as the subassemblies of the machine,

PPMA TOTAL SHOW 2022

PAKEX INTERPHEX

27-29 SEPTEMBER 2022 NEC, BIRMINGHAM





SAVE THE DATE!

PPMA TOTAL Show is the UK's No.1 event for processing and packaging machinery materials, automation and vision

ppmatotalshow.co.uk



New Machinery

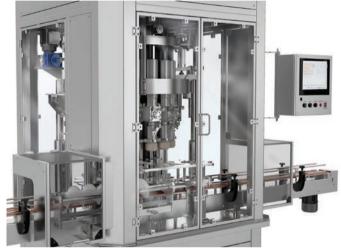
Filling machine delivers accuracy while reducing operational waste

hemesh has launched a new mechanical cam-based rotary piston filling machine for high and low viscous products.

This introduction follows five years of R&D and achieves a filling tolerance of +/- 2 ml and speeds of up to 300 containers per minute (higher throughputs are available depending on the number of filling stations).

Called the Asterra, this new option includes 16 filling stations specifically designed to fill a wide range of low and high viscous liquid with particulates (viscosities from 500 to 400,000 CPS). It is suitable for a wide range of products across varied market sectors including food & beverage, nonwovens, cosmetics, chemicals and household products.

The robust Asterra features a proprietary mechanical cam with built-in bottom-up Shemesh nozzles and portioning technology. It also includes a programmable portioning



Shemesh Automation's filler delivers speeds up to 300 containers a minute

speed graph for anti-foaming and drip prevention.

Shemesh says the Asterra's technology results in higher accuracy as the filling process itself does not depend on auxiliary air pressure, which may be unstable. Additionally, the portioning process is faster and more consistent with this filling method which results in less waste and spillage. Thanks to its proprietary

nozzles and mechanical cam technology, Asterra can also fill highly viscous liquids, including particulates such as sauces with fruit pieces inside, peanut butter and pastes, etc.

Constructed of 304/316L stainless steel and USDA/FDA approved materials and sanitary welds, the Asterra is an hygienic option.

Meanwhile, the tri-clamp sanitary nozzle connections

are designed for quick clean-up and maintenance, a 'tool-less' cam mounting system saves valuable time when changing production and/or product specifications and a complete changeover takes just 30 minutes.

This filling machine comes as a stand-alone filler or either in a rinser-filler-capper monoblock or in a filler-capper monoblock configuration. Asterra can also be easily incorporated as part of the complete Shemesh custom made bottling line featuring unscramblers, rinsing machines, loading systems, cappers, sealers, labellers, case packers, palletisers and depalletisers.

The new filler has a small footprint; 4.9 ft x 5.2 ft only (1500 mm x 1600 mm excluding infeed and outfeed conveyors). That is thanks to the faster portioning process which means fewer filling stations and smaller turrets are required.

- 101252 518082
- www.shemeshautomation.com

riggsautopack

British manufacturer of Depositors and Filling Machines







Riggs Autopack Ltd • Premier Mill • Brunswick Street • Nelson • Lancashire • BB9 0HU
T: +44 (0) 1282 440040 • E: info@riggsautopack.co.uk • www.riggsautopack.co.uk • @riggsautopack

Compaction system handles low volumes for R&D trials

tron-Quadro (UK) is now offering a scalable, benchtop dry granulation compaction unit from The Fitzpatrick Company.

This LCS – Lab Compaction System – is a low-volume benchtop model for R&D and trial batch production. With capacities ranging from 10 g to 6 kg an hour, the LCS is ideal for proof-of-concept work or for small volume production.

Manufactured with Fitzpatrick's high-precision, twin feed screw system, the unit processes powders using the same mechanism as larger production-scale systems. This capability ensures development projects can progress to production with confidence, says Ytron. The available 20 kN/cm roll pressure is equivalent to production-scale systems and matches the requirement for most pharmaceutical blends.



The unit features 'touchpad' control of all independent feed and compaction variables. Meanwhile, the complete disassembly of all contact parts enables thorough cleaning that is quick and easy.

"The Fitzpatrick Company has consistently achieved powder processing excellence for the pharmaceutical, chemical and food sectors," says Jon Youles, md at Ytron-Quadro (UK).

T 01494 792898

www.ytron-quadro.co.uk



Gripping, lifting and moving solutions.

Evolving automation since 1951.





New Machinery

Partnership will benefit **OSD** making processes

vntegon (formerly Bosch Packaging Technology), has entered a strategic partnership with Bayer for the development of new continuous manufacturing processes for oral solid dosage (OSD) forms.

The cooperation is based on the Xelum platform developed by the Syntegon subsidiary Hüttlin, which the partners intend to advance together and establish as a standard in the pharmaceutical industry. Its main advantage and a novelty in continuous pharmaceutical production, is the previously unattained precise dosing of active ingredients.

At the same time, fluid bed granulation provides granules with outstanding properties.

Fluid bed granulation remains the most flexible technology to produce solid oral drug formulations, says Syntegon. It is well established and the ease of transfer from the currently predominant batch process to continuous production is of high value



The partners aim to establish Xelum as a standard for continuous production

to pharmaceutical companies. Continuous manufacturing makes it possible to further increase quality assurance in production and make new drugs available to patients even faster.

"Together with Bayer, we will continue to develop our Xelum platform and tap its potential more quickly," explains Uwe Harbauer, head of the business unit pharma at Syntegon. "This will enable us to align our technology even more closely with specific customer requirements, with

the goal to realise a continuous line that covers all steps from powder to coated tablet."

While other continuous processes rely on screw granulation, Syntegon's Xelum platform uses fluid bed granulation. The system doses, mixes and granulates defined sub-quantities of the product, so-called X-Keys, which continuously run through the process chain and are removed from the system successively.

- T 01332 626262
- www.syntegon.com



Enhanced range is now offered

New distributorship for heat exchangers brings advantages

Supplier of process solutions in the UK Moody Direct has become the sole UK distributor for heat exchangers from Fischer Maschinen-und Apparatebau.

The Austrian company is a specialist in thermal processing technology and produces heat exchangers specifically for the food and beverage industry. Moody Direct offers a one-stopshop to its customers, with a range of services available through dedicated divisions.

Moody Heat Exchangers, one such division, provides a range of thermal transfer solutions which includes sourcing, supplying, installing, commissioning, maintaining, servicing, testing, and refurbishing a wide range of heat exchangers from a variety of original equipment manufacturers (OEMs).

- **1**01777 701141
- www.moodydirect.com



Poultry producers will be interested

Enhanced sensitivity for difficult to detect objects is offered by next generation x-ray

Ishida Europe is launching its next generation IX-G2 dual energy x-ray inspection system which offers significantly enhanced sensitivities for the detection of low-density and difficult to spot foreign bodies, including bone.

The machine includes a new line sensor that provides an x-ray image through an enhanced signal to noise ratio which has increased the ability to detect bone fragments by a factor of four compared with previous x-ray models. This further increases the ability of the machine to identify contaminants, particularly when handling thicker and denser products such as chicken fillets, chicken breasts and a wide range of poultry products where they can often be overlapped or presented with uneven surfaces.

This enhanced sensitivity also greatly reduces the risk of false detections, which helps to maximise throughput and avoids the costs associated

with unnecessary waste and the repacking of products.

The high performance of the IX-G2-F is supported by Ishida's special selflearning Genetic Algorithm (GA) technology which combines with the new line sensor to deliver maximum detection sensitivity and reliability. The GA technology focuses the x-ray machine to identify difficult to detect contaminants.

- T 0121 607 7700
- www.ishidaeurope.com



Printing and labelling across your production line

Product identification ◆ Brand protection ◆ Industry 4.0















Domino are trusted by a wide range of **food, beverage, life** sciences and **industrial manufacturers**, as well as global packaging machinery manufacturers who partner with us to offer fully-integrated solutions with customisable options.



Learn more: www.domino-printing.com

Domino. Do more.

New Machinery

Single process Enhanced VFFS for mayonnaise unit offers gains



The new continuous solution for mayonnaise is adaptable to many types

olmach and Perfinox are launching a continuous solution for mayonnaise and other cold or hot swell dips and dressings with a single process that is adaptable for all types of mayonnaise, from low fat to full fat and from traditional to flavoured options.

Called Perfiline, the companies believe that the new system's adaptability will help to revolutionise mayonnaise production.

As part of Perfinox's patented Perfiprocess, the Perfiline has been designed for high inline emulsion

production at high flow rates from 2 tonnes an hour to 6 tonnes an hour. Designed for mayonnaise and similar cold emulsions, the Perfiline performs inline automatic ingredient dosing tailored to individual recipes and inline emulsification.

With different combinations available, back pressure devices set up the required holding time and shear rates to achieve the proper viscosities, while maintaining a low product temperature to ensure product stability.

101780 749097

www.holmach.co.uk

na solutions has released the latest iteration of its flagship vertical form fill and seal (VFFS) packaging system, the tna robag 3e. Featuring a new CXE integrated display controller, smart diagnostic tools and intuitive time-saving components, the system can deliver up to 250 bags per minute (bpm) with wastage as low as o.1%, alongside enhanced serviceability.

The simplicity of the new tna robag 3e VFFS packaging solution makes it easy to operate, service and maintain. Featuring EtherCAT real-time protocol and an integrated display controller system, this latest



tna robag reduces cabling infrastructure by 20%, enabling easier servicing and lower total installed costs.

Also, the new system shares common core components with tna roflo distribution conveyors and the tna intelli-flav seasoning system reducing the need for additional spare parts stocking and features integrated LED lighting in the packaging jaw area to make maintenance safer and easier to perform. Equipped with smart diagnostics and remote connectivity, the new tna unit also offers real-time communication and status updates, enabling faster global servicing support.

10121 628 8900

www.tnasolutions.com

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



BRINGING PNEUMATICS AND VACUUM TOGETHER









Pick Up Head / PH40

- · Pneumatic bottle handling solution
- · Max. 15kg lifting force
- With Level Compensator to allow for variable height of product

Eco Control Unit

- · AS-kit + Vacuum switch + 2 Control valves
- Built-in Air Saving function, blocking air consumption when vacuum is reached.
- Installed with Turtle pumps (optimized for Turtle series)
- Easy and convenient wiring with M8X6PIN connector and wiring cable.



Automatic bulk parts feeder is now used in more applications

he FlexiBowl automatic bulk parts feeder from **RARUK Automation** allows families of parts to be fed into the assembly process regardless of their shape, fragility, material composition, weight and surface characteristics. Several new developments have widened the application scope of this system and the first is a specific URCap for FlexiBowl.

URCap is a platform upon which shortcuts can be introduced that enable Universal Robots to work with accessories on many different tasks. The new FlexiBowl URCap connects the feeder and the UR controller enabling applications to be set-up via the UR Teach Pendant. It is a simple and reliable way to create a dedicated solution without the need for timeconsuming programming, says the company.

PLUG-AND-PLAY OPTION

This plug-and-play URCap is designed to control multiple FlexiBowls at the same time and is ideal for manufacturers whose production involves frequent product changeovers and reduced volumes.

RARUK has also introduced a new model to its FlexiBowl range. It's the FB200, now the smallest in the series, for part sizes from 1-10 mm, weighing 30 g. The largest model is for parts from 60 – 250 mm, weighing 250 g. In operation, entire families of parts can be handled by a single FlexiBowl replacing the need for a full set of dedicated vibratory bowl feeders.

Also new is the FlexiBowl quick empty feature which is an option for just-in-time operation and small batch sizes being handled.

1 01462 670044

www.rarukautomation.com



New Machinery



Handling of rolls in tight spaces

Packline Materials Handling has designed a bespoke stainless powered roll handling solution with sideways rotation and loading to work in narrow, confined spaces.

This roll handling equipment and vertical spindle attachment with sideways rotation facility was designed in response to a food industry customer to handle rolls in narrow, confined spaces, with height restrictions and narrow aisles. The resulting solution is suitable for clean room high care environments such as the food and drinks industries.

In operation, the rolls are loaded from the lifter onto the packaging machinery along narrow aisles of one metre width. To allow transfer of the rolls from the vertical spindle attachment to the load point on the packaging machine, the rolls are transferred by means of the 'side feed' facility.

The sideways rotation of the vertical spindle attachment allows the rolls to be loaded to the left- or right-hand side without the need to turn the lifting machine itself. The lifting machine feeds the rolls sideways onto the mandrel at a low load point.

This bespoke design is achieved by changing the orientation of the vertical spindle from the standard 'vertical to horizontal' mechanism to a 'vertical to sideways' rotation device. In addition, the attachment is designed with a special powered fabricated L-shaped arm and motor allowing the rolls to rotate sideways.

1 01202 307700

www.packline.co.uk

Laser markers allow for full product traceability

o apply complex product information in a high-resolution and reliable manner, GEA can now integrate corresponding laser marking systems into its thermoforming machines from the PowerPak series in co-operation with various suppliers, on a customerspecific basis.

"Demand for laser marking systems is rising sharply," says Volker Sassmannshausen, senior product manager thermoforming at GEA in Wallau, Germany.
"While packaging must provide growing volumes of product information for end customers, it also has to ensure that products are fully traceable at all times.

"Applying a QR code with a laser is a solution with plenty of advantages," he says.

The engineers at GEA take an end-to-end approach to designing individual solutions. That includes overseeing everything from selecting the laser supplier and initial film test to



GEA believes that using a laser can significantly boost machine efficiency

optimally positioning the laser in the packaging line.

Depending on production batch sizes, it is possible to either mark the top film feed in advance or once it has passed through the thermoformer's sealing station, but before the finished packaging units are cut apart.

For instance, recently a food industry customer opted for a laser marking system from Videojet to accompany its GEA thermoforming packaging

machine. The chosen CO2 laser solution was integrated at the GEA PowerPak system's sealing station to print the top film before it is joined to the bottom tray.

Despite the additional processing step, there is no increase in production time because labelling is accommodated within the integrated production process cycle.

- 1 01908 513500
- www.gea.com

Two devices to measure moisture in gases quickly and reliably offer quality assurance

Even low levels of moisture in gases and compressed air can lead to deviations in industrial processes or cause damage to equipment which is why Witt offers two measuring devices for the determination of humidity or dew point of gases: the mobile hand-held device HYDROBABY and the desktop device MFA H2O.

These instruments determine relevant measured variables such as the dew point in degC and the volume ratio of water vapour to gas in ppmv.
In addition,
they generate
graphical trend
curves of the
measured values.

Witt moisture analysers operate with a ceramic metal oxide sensor which delivers fast measuring speed, exact measureme

measuring speed, exact measurements as well as high reproducibility. A result is usually available after only



Fast measuring speed with reproducibility is offered

three minutes, with a dew point accuracy of +/-2 degC.

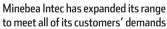
- 01925 234466
- www.wittgas.com

New x-ray options bring user benefits

ith its new models, Minebea Intec is offering customers a tailored solution for a wide range of applications.

For instance, the Dymond DSV, which includes multi-sided radioscopy of the products –

with just a single x-ray source. In operation, the system can look for foreign objects in a food can, for example, at a rate of up to 650 pieces per minute. The natural expansion of the x-ray beams is used by this 'dual split view' (DSV) method which means the



it enters and exits the radiation cone.

image is

captured

both when

USER GAINS ON OFFER

Minebea says that with the Dymond DSV, users gain double benefits: the precision and accuracy of two x-ray beams but with the maintenance commitment of a simple, single-beam solution.

Meanwhile, new monoblock option for the Dymond D x-ray inspection solution has also been introduced. This eliminates the need for active water cooling and therefore guarantees easier installation and maintenance.

The high sensitivity of its powerful image processors,

combined with intelligent image processing, means it can detect even those foreign objects that are positioned vertically or lay hidden at the edge or at the bottom of the container.

A large selection of feed systems, separators and

other options is available for each model.

The two models complement the previous products in the Dymond family together with the Dymond S, the company's single-beam version and the original Dymond D with doubleheam technology, the new x-ray inspection solutions are designed for reliable inspection.

All systems have been developed for use in highly automated processes and to meet the challenges of Industry 4.0.

"With the two new side shooters, we are better catering to the needs of our customers," explains Dr Thorsten Vollborn, global product manager at Minebea Intec. Simpler situations often arise where a single-beam system like the Dymond S would be sufficient. "The two machines Dymond DSV and Dymond D monoblock offer a great alternative with which most applications can be covered."

0121 779 3131

www.minebea-intec.com

LAMONDE



TEKNOKOL

Support Arm and Control Panel Systems

- HMI Enclosure & Support Arm Systems
- Front Sheet Customisation Available
- Great Style, Price & Function
- Full Factory Support
- Short Lead Time



Lamonde Automation Limited Quality Products: Expert Advice

+44 (0)20 3026 2670 sales@lamonde.com | www.lamonde.com

New Machinery

Tray sealing is performed with accuracy and speeds

ackaging Automation introduced its most advanced machine last year – the evolution S – which was developed alongside food producers and manufacturers to reduce production runs and save labour.

Positive customer trials data revealed a 30% reduction in downtime for film snaps and punnet crashes; between 12-20% increases in OEE performance and no rejects.

The company says the only thing limiting this machine's output is the upstream process which is why its team set about optimising every operation required to seal a tray accurately, reliably, and efficiently. It employed the latest technology to develop a patented design.

Capable of sealing up to 250 packs a minute in a single lane format, the evolution S also puts a stop to intermittent stop-start movement, removing the need to decelerate or stop a process to correctly position packs. This achieves continuous



Results of customer trials for the new evolution S have been very positive

controlled movement that streamlines any operation, explains the company.

In addition, the evolution S is billed as transporting packs three times faster while maintaining optimum accuracy and accommodating all pack formats without the need for a tool changeover. The machine also removes the need for transfer arms, which can be notoriously heavy and awkward to move and set up.

According to Stuart Jackson, vp at Crawford Packaging, with the evolution S, Packaging Automation has raised the bar for accuracy and high sealing speeds while reducing the required footprint for the packaging area in a single lane format. "This machine will help our clients to optimise the high production rates they require," he says.

01565 755000

www.pal.co.uk



High-coded safety door switch helps to prevent accidents

Omron has launched the D41 series safety door switch that reduces the risk of interlock devices being deactivated, for a safe and worry-free production site.

Thanks to the built-in function in the D41 to prevent deactivation in the switch itself, companies can reduce the risk of defeating their protection guards. In the 'high-coded' safety door switch, the combination of sensor and actuator is fixed by pairing with more than 1,000 variations available to users.

The compact design means the device fits into tight spaces inside machines and does not hinder entry through opening; it matches with machine design while providing versatility of mounting, while pairing of all series-connected switches can be done simultaneously, (which reduces design and commissioning time).

101908 258258

www.industrial.omron.co.uk



BANDING AUTOMATION DISINFECTION SEALING

Digital torque tester provides easy to use features and quicker field results

ecmesin has launched the VTG digital torque tester which combines a highly responsive, capacitive 5 in colour touchscreen with sophisticated torque measurement features driven by the power of the company's Vector OS.

The VTG Tornado is accessible via an intuitive touchscreen interface that, says the company, sets it apart from other torque testers. It is easy to navigate, just swipe or press-and-hold to access menus, toolbars, and settings.



Four portable models are available

Vector OS is the technology platform at the heart of the VTG Tornado enabling operators to customise the touchscreen interface, configure the tester to their requirements and analyse test results quickly in the field.

Billed as a major step forward in portable torque testing, the VTG Tornado boasts an array of advanced capabilities. It includes a dual zone display with the upper zone clearly showing the peak readings in N.cm, lbf.in and other common units of measurement.

A configurable first-peak function, coupled with the standard maximum reading, ensures that both the initial slip torque and the secondary break torque are captured.

101403 799979

www.mecmesin.com





HORO





10 models in the range



Up to 25kg payload capacity



Up to 1700mm reach



VERSATILITY!

(Doosan cobots in a word.)

Doosan cobots are versatile, easy-to-install and use, incredibly safe and competitively priced.

And, because they can be supplied with different application-specific end-effectors (i.e., two- or three-finger grippers, adhesive or vacuum grippers, 2.5 or 3D vision systems, quick-change systems, or polishing, de-burring and sanding tools etc.), they're ready, and able, to take on your machine tending, assembly, testing and inspection, pick and place, and surface finishing operations.

Mills CNC at MACH 2022

Hall 19: Stand 100

To find out more visit www.millscnc.co.uk or call our automation specialists on 01926 736736 to arrange to see our cobots in action at our Automation & Turnkey Centre.

Mills CNC Automation: Like No-one Else!

New Machinery



Latest solution gives protection

Technology supplier takes its cybersecurity to the next VPN level

The Optima Group from Schwaebisch Hall, Germany, has joined forces with cybersecurity specialist LANCOM Systems to develop a new type of VPN solution for machines and systems.

As a result, it is now possible to establish an even more secure connection with the systems installed at the customer's site and maintain them remotely. The solution, which Optima says is the only one of its kind on the market, allows for VPN connections monitoring and protects the machine network at the customer's site with a firewall.

"With LANCOM Systems, we have found the ideal partner to take our cybersecurity to the next level," says Dr Eng Benjamin Haefner of the Optima Group. **1**07961805674

www.optima-packaging.com

Pharma granular/powder products can be detected

EIA's new THS/PH21N-G70-FFV integrated metal detecting system is especially designed for the inspection of granular and powder products and the elimination of any contaminating metals, including both ferrous. non-ferrous and stainless steel in the pharmaceutical industry.

Available from MDS in the UK, it is a fully integrated system with a compact design and has an ultra-high sensitivity to metals. The CEIA unit is fitted with a special deflector that ensures a quick and precise ejection of any contaminated product from the base material. This compact detector is designed with a high flow rate in mind and can fit straight into any existing production line as well as into new processes.

Typical throughput is 2500 kg an hour, but this depends on the bulk density of the product.

Fully compliant with FDA 21 CFR Part 11 and other equivalent pharmaceutical



The highest hygiene standards are part of the design

regulations, it has been produced with the highest hygiene standards in mind. with most of the body made from AISI 316L stainless steel providing both durability and cleanliness for the user.

It features a metal detector probe, a valve actioning unit, a compressed air connection unit, an ejection valve,

a power supply control unit, an emergency stop button and a mains connection switch.

An ATEX Zone 22 model is available on request for use in explosion zoned areas.

All models include a test sample insertion point that allows for regular checking of both detector sensitivity and ejection operation.

The insertion point includes a blanking plug that must be in place for normal operation and during a sensitivity check.

Manual testing is required on first starting the system or after any operational changes such as a change in material or throughput.

- **1**0161 286 8755
- www.mds.org.uk

Materials Handling

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













Installation News

Coke bottler invests to reduce carbon emissions across sites

oca-Cola Europacific Partners (CCEP), the largest independent bottler of Coca-Cola globally, has announced an £11m investment over the next five years in its manufacturing sites in Great Britain, as part of its drive to become a Net Zero business by 2040.

The investment will see its 200-strong fleet of materials handling equipment (MHE), including some gas-powered forklift trucks, which are used to move over 520 million cases of product around the bottler's sites, replaced with units powered by lithium-ion batteries, producing no carbon emissions in their day-to-day operation.

This change will reduce CCEP GB's carbon emissions by more than 1.500 tonnes each year and represents a further step towards its target of reducing carbon emissions across its value chain by 30% by 2030 and reaching its overall ambition of reaching net zero by 2040.

Work has already begun



Linde Material Handling UK's Eamonn Parker is proud to partner CCEP

Lantech modular

to replace the MHE fleet, with the transition complete at the Morpeth factory and Milton Keynes Cold Drinks Operations, and last month training began on the 76-strong fleet being introduced at Wakefield, Europe's largest soft drinks production site by volume. The changeover will be completed at four remaining

Linde Material Handling to introduce the new fleet, which will not only be powered solely by renewable electricity but is also more efficient and safer to operate. The new MHE can be charged quickly without having to remove the battery from the machine; a full charge now takes just two hours, rather than the eight hours required by the current fleet. Alternatively, top up charges can be

completed during break times.

This means not only do they require less electricity to charge, but also deliver a significant increase in efficiency in a fleet that operates for more than half a million hours each year.

The fleet is also much easier and more comfortable to operate, and comes equipped with Linde Safety Guard, a monitoring system that increases safety for truck operators and pedestrians in the vicinity of the truck.

"This is a really significant step in making our GB bottling and distribution operations cleaner, greener and more efficient," says Frank Denvir who led the project for CCEP (GB). "It's been great to work with Linde to find a solution that will deliver a significant carbon reduction across our GB sites, while also improving the safety and usability of the machines for our hardworking teams."

- 0845 608 5000
- www.linde-mh.co.uk

sites in Great Britain by 2024.

CCEP is working with



- 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





Production has been scaled-up

New system meets higher export needs

With overseas demand growing for its range of cleaning and restoration products, Furniture Clinic turned to Karmelle to automate the filling, capping and labelling of several key products.

The new equipment needed to handle two plastics bottles of 15 ml and 50 ml sizes.

Karmelle had already supplied a bench top filler and a wraparound labeller to the company. "We've developed a strong working relationship with the Karmelle team," says Furniture Clinic's production manager, Dan Dodds. "When we identified a need for an end-to-end liquid packaging solution, they were the obvious choice of partner."

After initial consultations, the Karmelle team proposed a mini monoblock system that featured a rotary infeed table, and filling, capping and wraparound labelling stations. The mini monoblock is designed to handle smaller volumes and has a footprint of just 5sq m.

The system was designed. manufactured, assembled and tested at Karmelle's Huddersfield facility where the Furniture Clinic's team attended Factory Acceptance Tests prior to installation and commissioning.

"The system has allowed us to scale-up production without compromising on quality," explains Dodds.

01484533356

www.karmelle.com

Two labellers are meeting the needs of a cider maker

ogopak International has completed the installation of another case and pallet labeller for one of the UK's best known cider producers based in Herefordshire.

Continuing a business relationship that has lasted over 15 years, the most recently installed equipment on the site is from Logopak's latest generation of print & apply labelling machinery. "Our new 'Body One' series of machines are the most robust, reliable and accurate labellers ever produced," says Howard Jagger, managing director at Logopak.

"They feature 'Digi-Drive' technology which electronically monitors and controls every aspect of the labellers operation, allowing maximum print speeds of 200 mm per second with unrivalled print quality," he tells Machinery Update.

Meanwhile, the latest case labeller to be installed is applying a GS1-128 logistics barcode to the front face of



Logopak has been supplying equipment to the cider maker for over 15 years

multi-packs of cider. As it is vital that these barcodes are applied to every single pack, a Logopak validation scanner reads every barcode after it has been applied to ensure 100% compliance to GS1 standards. The pallet labeller automatically prints and applies two SSCC labels

to each pallet, one on the front and one on the side, to allow the pallet to be tracked throughout the supply chain.

A validation scanner is again used to confirm a valid label has been applied, ensuring every pallet leaves the warehouse with a label.

01904 692333

www.logopak.co.uk

Multihead weigher is providing the accuracy required to handle mixed bags of chocolates

A 32-head multihead weigher from Ishida Europe is providing fast and accurate weighing of mixed bags of quality chocolates for Chocolates Valor, one of Spain's leading chocolatiers.

The Ishida CCW-RV-232B can handle two, three or four products

simultaneously for discharge into the same bag, giving



The 32 heads of the new weigher are divided into sections

customer orders. During the peak four months in the run up to Christmas, the machine is operating 24 hours a day. handling 1.6 tons of product every hour.

It is packing a variety of bag sizes -180 g, 250 g, 470 g and 1 kg - for both Chocolates Valor's own brands and private label.

Chocolates Valor the flexibility to respond to changing

10121 607 7700 www.ishidaeurope.com

Installations

Retractable conveyor reject unit is delivering benefits for nut supplier

ost snack producers opt for gravity metal detectors. With 15 Fortress mini Vertex snack inspection systems integrated with multi-head weighers in its Aintree factory, Trigon Snacks is no exception. Yet, for its latest coated honey roast nut production line, the nut specialist selected a bespoke linear Stealth metal detector with a special retractable conveyor reject system from Fortress.

For its new honey roasted nuts line, the company commissioned a highly sensitive horizontal metal detection concept.

Stringent retailer COPs specified that as 'naked nuts', the new honey-coated range must be inspected for metal contaminants prior to ownlabel packaging. Additionally, Trigon required a supermarket specification metal detector that was sensitive enough to adapt to the fine oil and sugar tolerances.

For logistical reasons, a small-footprint, wide-head



Sensitivity had to be adapted to the fine oil and sugar tolerances required

Stealth metal detector engineered to inspect the fried, dried and seasoned nuts on a conveyor before entering the chute and falling into the one-ton sacks (over 1,000 kgs), was the most viable and accessible option.

Screening 32 tons of honey roasted nuts daily, space limitations was a key driver to the design, reaffirms Trigon's lead engineer Mark Grieve. "Being located on a mezzanine floor, we commissioned a wide head yet highly sensitive metal detector with a specially adapted linear conveyor system measuring just

40 cm wide," he explains.

Factoring in the conveying and reject system was critical to guarantee reliable operation and avoid false readings. Given the tight footprint, a customised solution was the best way to ensure that metal detector performance was not compromised.

With insufficient space to accommodate a flap style reject, Fortress Technology instead engineered a clever and efficient retracting band conveyor and reject mechanism.

Rather than a typical tongue and groove conveyor, the

rollers on Trigon's moveable easy-clean, food-grade belt are rounded. The metal detector which sits at the front of the conveyor calculates precisely how long the contaminated nuts will take to reach the end of the conveyor band, communicating via the metal detector control system.

The belt then smoothly retracts back on a sliding rail rolling the rejected nuts into the dedicated bin located beneath the conveyor, resuming its inspection position in just seconds.

To-date, Trigon reports zero false rejects on the honey roasted nut line, upholding the company's longstanding sustainable, ethical and traceable principles.

Despite admitting he was slightly apprehensive by the compact dimensions of the entire system, Grieve corroborates that it has already proved itself to be a reliable and easy to use inspection machine.

01295 256266

www.fortresstechnology.co.uk

Warehouse modernisation is achieved through contactless, maintenance-free speed controllers on the conveyor system

Interroll says that anyone who believes that the productivity of their pallet warehouse can be increased with costly retrofit projects alone is wrong. Often, only the smart use of key products is necessary to significantly improve existing processes in the beverage warehouse.

For years, the gravity roller conveyors at a large company performed their service reliably – until the maintenance technicians calls began to pile up.

Maintaining the safe flow of pallets through manual intervention became more and more time-consuming. Handling performance and productivity fell, operating costs rose. The cause of the

uncontrolled flow
of goods turned
out to be the speed
controllers used, which
were only fulfilling their
function to a limited extent



The MSC 80 from Interroll has delivered gains $% \label{eq:mass_eq} % \$

as a result of continuous operation – primarily due to worn or seized linings. The decision was made to replace the old products with 800 maintenance-free speed controllers from Interroll, which operate without wear-prone braking technology. The Interroll magnetic speed controller MSC 80 was used, a magnetic speed controller that regulates the movement of pallets in the flow channel to a maximum of 0.3 metres per second, irrespective of their weight.

■ 01536 312770 ■ www.interroll.com

Finishing equipment improves efficiency for branded clothing

randed clothing provider Essential Embroidery Design has significantly improved its efficiency after purchasing three new pieces of finishing kit from Friedheim International.

The company provides a wide range of clothing decoration services including embroidery, screen print and transfer print and to complement this offering, it needed new machinery to improve the efficiency of its packing department as it went in search of further business growth.

This was focused around a solution that could fold, bag and label clothing products from its production line and so a Beck Serienpacker S2050XJ bagging machine, a Texfinity S.OMNI.A garment folding machine and a Weber Legi-Air 2050 print and apply labeller station was supplied by Friedheim International.

REDUCED LABOUR NEED

"We wanted a solution that could fold, bag, and label as a one-man operation, using these three units together we were able to achieve that," explains Louis Georgiou, Essential's operations director. "The investment has really helped us in being more efficient by reducing the labour hours needed in our packing department, which will now allow us to pursue new work and grow our embroidery business as a result.

"This purchasing decision has allowed us to take on jobs on shorter turnaround times and given our staff more time to focus on more important organisational tasks, which allows our operation to run much more smoothly," he told Machinery Update.

101442 206100

www.friedheimpackaging.co.uk





British Design and Manufacture

- In House Design and Engineering Team
- Built, Programmed and Tested here at Cap Coder
- Full Aftercare Service from our Dedicated Support Team
- Bespoke Design to Tailor Machines to Customer Requirements
- ISO 9001 Accredited

Fully Modular Machines

- Full Range of Equipment from Stand-Alone Bench Top Machines to Fully Automatic Lines
- Fillers, Cappers, Labellers, Printers etc All Integratable
- Can Incorporate Existing Equipment
- Fully Electric Machines Available No Compressed Air Required
- Clean Room Ready





Torque Testing Validation

- Can be Integrated into our Entire Range of Capping Machines
- For Pharmaceutical Cap Closing
- Live Torque Readout on HMI
- 0.2Nm Resolution/Accuracy
- All Data Uploaded as a CSV or **US Digital Signatures Compliant File**

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

www.capcoder.com

Tel: 01865 891466 Email: info@capcoder.com











Label press delivers the QR codes for traceability

arn Engineering Solutions in Bangkok is using its 7-colour Domino N610i inkjet label press to digitally print full colour labels incorporating variable data QR codes which are applied to oxygen concentrators being used in the fight against COVID-19 in Thailand.

These unique QR codes are used for online traceability of the oxygen concentrators.

Her Royal Highness Princess Maha Chakri Sirindhorn granted The Chaipattana Foundation permission to use funds from the Chaipattana COVID-19 Aid Fund to acquire these high-flow oxygen concentrators, which are being distributed on loan, free of charge, to hospitals, affiliated field hospitals, and first responders in Thailand to help medical personnel treat patients with respiratory issues.

Dr Jain Charnnarong, president of the Recipients of Ananda Mahidol Foundation said: "It is vital that the



Domino says that during COVID-19, many label makers have been handling more variable data

print quality of the unique variable data QR codes is of a high resolution and consistent quality for scanning purposes.

"There is an important and robust disinfection procedure to ensure hygiene and safety standards of the oxygen concentrators, which necessitates thorough cleansing with alcohol wipes before they are dispatched to the next patient. This means that the labels must be capable of maintaining print quality and readability of the QR codes, after withstanding repeated wipes.

"We needed a fast, reliable and high-quality printing solution to deliver the short print runs of these labels in a short lead time," Dr Charnnarong

continues. "The Domino N610i label press enabled us to meet these demands and digitally print these labels."

The N610i is based on Domino's proven and reliable Generation 6 inkjet technology, of which there are approaching 1000 global installations.

101954 782551

www.domino-uk.com



22,000 bottles an hour produced

Remote solutions deliver new bottle for drinks company

To expand its carbonated soft drink brands and meet market needs for home consumption with larger formats, Nouvelle Brasserie de Guinée (Braguinée) contacted Sidel for help with the remote tuning of its packaging line to produce one litre bottles. In just three days, Sidel's global team was mobilised to quide and empower the customer, using Sidel's latest remote line-adaptation technologies and leveraging effective digital solutions for quick set-up of larger bottle formats.

With travel restrictions due to COVID-19 and to ensure a fast launch of the new one litre bottle, line tuning was carried out remotely thanks to Sidel Remote Video Assistance and Remote Access solutions.

01707 292820

www.sidel.com

A range of mixers are being installed across the world as the race to get the global population C-19 vaccinated continues

Silverson has sold and supplied mixers from across its range to companies across the world in the race to get the population vaccinated against COVID-19.

Two Verso laboratory in-line mixers have been sent to India to the world's largest manufacturer of vaccines (by number of vials). The company is working with the World Health Organisation (WHO) to produce a COVID-19 vaccine for the Indian sub-continent. The Versos

The Verso in-line mixers have been meeting COVID-19 needs across the global supply chain

4251 for the France of t

are also being used for further development and research of a swine flu vaccination that was originally formulated in the UK. The company will commercialise and manufacture the vaccine.

Meanwhile,
another vaccine
manufacturer has
ordered several
425UHLS in-line mixers
for their factories in Belgium,
France and the US to be used

as back-ups for Silverson mixers already in place. These in-line mixers are being used to produce an adjuvant, used to enhance immune response and improve the effectiveness of a vaccine. This adjuvant will not only be used in the company's own COVID-19 vaccination but in the industry as a whole; and will also be added to other company's vaccines going forward.

01494 786331

www.silverson.co.uk

Personalised medicines could gain from pandemic learnings

luid management
company WatsonMarlow Fluid Technology
Group (WMFTG) has released
a new article discussing
the potential for advances
in the field of personalised
medicine made possible by
progress in biopharmaceutical
engineering during the global
pandemic.

The article features an exclusive interview from Dr Edward Abrahams, president of the Personalised Medicine Coalition, that is based in Washington, DC, accompanied by expert insights from industry leaders including Oxford Biomedica Gemini Bio, Franz Ziel GmbH, and WMFTG.

COVID-19 has demonstrated how one disease can have wide-ranging outcomes, with some patients experiencing asymptomatic infection, some developing long-term conditions and some, sadly, experiencing severe illness and death.

A PARADIGM SHIFT

"Personalised medicine offers a paradigm shift in the way we treat diseases, but as such demonstrates significant manufacturing challenges," explains Jim Sanford, life sciences sector strategy manager at WMFTG.
"By working collaboratively with drug developers, we can better understand the requirements of these novel processes and develop and adapt technologies to solve these problems."

Bioprocessing remains a considerable challenge as much smaller scale facilities are required that allow high flexibility, precision and yield maximisation, while retaining sterility and crosscontamination control.

www.wmftg.com



WE MANUFACTURE

MONOBLOCKS

UNSCRAMBLERS

PHARMA COUNTERS

FILLERS

PLUGGERS

CAPPERS

LABELLERS

SLEEVERS

ROBOTICS

PACKAGING AUTOMATION

BUILT FOR LIFE!

WHY CHOOSE US

Passion & Experience since 1964

Call Us Now

+44 121 630 2052

Email: sales@capmatic.com

Feature: Fresh Produce – introduction

New technology is meeting the needs of fresh produce

s with most products sold in supermarkets, the fresh produce sector's use of plastics packaging is now coming under intense scrutiny with pressures coming from all sides. As *The Grocer* magazine published in December, packaging of fresh fruit and vegetables is now set to be added to the list of "problematic" plastics targeted by the Industry's UK Plastics Pact.

France, of course, has gone even further in its bid to reduce plastics waste and is banning plastics packaging for nearly all fruit and vegetables from this January.

In this 17-page fresh produce feature, you will find many PPMA member companies responding to the ecological challenges that are now being demanded by the market as well as the very latest equipment that processes, handles packages or marks the range of fruit and veg marketed in the UK.

New products that reduce the use of plastics abound. For instance, Paramount Packaging has helped reduce PVC usage for mushrooms (see page 34); WestRock has just launched the PFS family of equipment that handles fibrebased packaging (see page 36) and Multivac can now handle paperboard and cardboard packs for fresh produce (see page 38).

ENVIRONMENTAL CONCERN

Proseal agrees that in addition to the need for maximum speed and efficiency on the tray sealing line, fresh produce customers are also now seeking solutions that deliver on sustainability. "Environmental concerns are an increasingly important part of consumers' food purchasing decisions, but they still want quality and freshness from their products," says Tony Burgess of Proseal.

And Ed Williams, sales director of Ulma Packaging UK, says that as sustainability becomes an



Sustaining a fresh market

Ishida weighers installed in Spain offer ease of set up which proves vital in ensuring the fast changeovers required by the company that offers 2,000 product lines (see page 44)

ever-increasing priority, so too does the pressure for fresh produce processors to eliminate waste in their operations. "Yet efficiency and sustainability needn't be mutually exclusive, especially when considering the problem of excessive air in herb and looseleaf salad packaging," he tells *Machinery Update*. Not only is this a hidden cost, increasing pack size and stock volume per pallet or box, but it also leads to practical concerns.

Chief among these is leaves and herbs spreading around the pack and getting trapped in the seal, resulting in contamination concerns and expensive product waste, says Williams. Many processors use oversized bags to tackle this, but while this can be effective, this uses additional materials.

"With this issue in mind, it is incumbent on packaging machinery suppliers to develop practical solutions that can resolve both financial and green practice concerns simultaneously," he says. "We have developed Venturi technology, which pulls product through while blowing out excess air before sealing through our vertical form, fill and sealing (VFFS) air extraction system, known as Tight Bag."

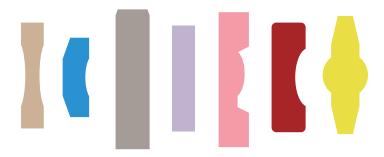
As well as tackling the issues facing the fresh produce sector, our feature also details major installations that have taken place in the last year. Enjoy!



SUSTAINABLE PRODUCE PACKAGING

You supply the freshness, we provide the solutions.

Our latest full-wrap labelling solutions for plastic-free packaging of fresh produce brings the extra shelf appeal that end-consumers, retailers and wholesalers are all looking for.



Better Packaging



RECYCLABLE

OPTIMUM SHELF APPEAL

SUSTAINABLE PACKAGING

UNLIMITED CLOSURE DESIGNS







David Hadley:









Design, materials and surface treatments at the service of hygiene

- Stainless steel AISI 316L.
- Sandblasted matte finish or mirror polished finish (RA<0,8µ).
- Sealing Rings in compliance with FDA (Food and Drug Administration)



INOX-STAINLESS STEEL

High corrosion resistance

- Technopolymer components with stainless steel inserts AISI 303, 304 or 316.
 Maximum cleanability.
- Coloured inserts in the 7 standard ELECOLORS® which allow a perfect aesthetic combination.





Visually and metal detectable

- Visually Detectable: RAL 5005 "Signal blue" technopolymer.
- Metal Detectable: RAL 5001 "Green-blue" technopolymer with detectable additives.
- Produced from FDA compliant raw material.
- AISI 304 stainless steel inserts.

ELESA components to guarantee the quality of your processed preparations

Standard components conceived for machines and equipment in the medical, chemical, pharmaceutical and food processing sectors subject to rigorous hygienic laws in order to guarantee max safety in the production lines.



Ask for your free copy at elesa.com +50.000 product codes always on stock







Fin

E-mail: sales@elesa.co.uk Phone: +44 (0) 1526 322670





Feature: Fresh produce

Markem delivers rugged coders at the site of harvest

s fresh food packaging has moved steadily closer to the farmer's field, and in some cases. at the site of harvesting itself, coding solutions can now be found in the farmer's field.

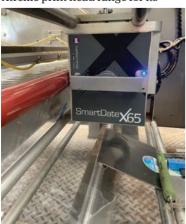
For instance, one of Markem-Imaje's customers has millions of acres of agricultural land in East Anglia and beyond, suppling green vegetables, including lettuces and leeks, to all the UK's major supermarkets. Its fresh produce is picked from the field, moved on to the back of a trailer, just a few metres away, where it is packaged and coded and then sent straight to a distribution centre and onwards to the supermarket.

The trailers where the packaging takes place are satellite tracked and built to a bespoke design by the customer.

"There are many challenges to having applications this close to the agricultural coal face," explains Martin Bailey, zone director, Northern Europe at Markem-Imaje.

"In addition to the usual issues, such as varying substrate materials, we have to think about the harsh environmental conditions and everything that comes from being in a muddy field including dust, dirt and wind."

In response to these challenges, Markem-Image introduced the Xtreme print head range for its



Printheads work in harsh environments



Coding built for extreme

Satellite-tracked trailers allow operators to pick products then, seconds later, perform QA checks, flow wrap pack and then print them

SmartDate thermal transfer overprinters. "We have developed harder-wearing coatings on the Xtreme print heads that improve head life along with allowing us to print high resin ribbons and difficult substrates at a faster speed," explains Bailey. "The coatings make the print heads far more resilient to attrition.

"What is more, the control boxes can easily be upgraded from IP45 to IP65 too, as water ingress from cleaning down the packaging machines along with harvesting in any weather creating dust etc provide additional challenges," he tells Machinery Update.

In addition, the company has also optimised the printer mounts and created a bespoke air-blowing system, which removes debris from both sides of flexible film. An uninterruptible power supply completes the package. Operational challenges exist too.

"Fruit-and-vegetable-picking teams can often comprise a work force who may not share a common language," Bailey adds, "so in addition to making the hardware rugged, the user interface needs to be as simple and as intuitive as possible."

Looking ahead, the company is also working to help minimise error: "We have found that a combination of our CoLOS software and camera systems integrated together with software from our third-party partners Progressive ID is extremely useful in this space," adds Bailey.

The combination enables the scanning not just of a barcode but, for example, an entire punnet. This allows for the confirmation of correct coding, coupled with correct products, making it easy to spot errors.

10161 864 8111

www.markem-imaje.co.uk

Feature: Fresh produce

ast year, Paramount
Packaging Systems
helped cut 97 tonnes
of PVC in the first
year of a switch
to new kit for a major UK
supermarket, with additional
lines installed to triple this
figure going forward.

Paramount was contacted by a leading UK mushroom grower in 2019 to explore the options to remove all the PVC film used on its existing overwrap machines from one line within its packhouse. Discussions were focused on using a mono laver PE film on mushroom punnets, which would be return-to-store recycle, to comply with the supermarket's 4R programme - Remove where we can, Reduce where we can't, Reuse more and Recycle what's left.

From previous trials within the produce sector, Paramount was confident in the ability of its Fuji equipment to control and seal low gauge PE film with ease. This is because all Fuji wrappers can control film speeds and temperature precisely, with the added benefit of using a special Fuji centre seal section with patented Fuji Box Motion end sealing. "This results in perfect seals, even at high speed," says sales director at Paramount Aaron Bessell.

Meetings between the two parties took place to look at the most commercially viable option to move the eco-project forward.



An FVS scanner is built into the film drive roller housing for ease of use for machine operators



Belt speed is matched to film speed, so any mushrooms proud of a punnet remain in the punnet during packing

Greener option for UK grower

This project has been billed as the biggest innovation the mushroom category has seen in the last 70 years...

As Chris Gibson, Paramount's area sales manager entered the customer's packhouse, he saw line after line of PVC overwrap and label applicators running at a steady speed, but a speed that a Fuji flow wrap could far exceed with pre-printed mono film (while also removing the labels).

Paramount then conducted two months of internal trials to prove the new concept that originally had four different variations of film composites and gauges.

After the site visit, both parties agreed to a short depot trial, whereby Paramount would supply a new Fuji Alpha 8 box motion flow wrapper. But both the customer and the Paramount teams shared the same vision – that moving to pre-printed mono films would not only have excellent environmental benefits,

Following the trials, we now have a proven machine that can deliver results needed by growers

but also reduce the overall cost per pack. Labels would be removed, line speeds would be higher, less material would be used, and overall pack appearance would be improved. Shelf life was also set to be extended.

During the depot trial, integration was simple; within one day, the line was running with full communication protocols with all the upstream and downstream equipment.

Paramount then tweaked the Fuji Alpha 8 a number of times during this depot trial, to ensure it was performing at its optimum. This was achieved while 70 different film perforations and composites were running, to achieve the best pack presentation, sustainability, shelf life and overall cost.

After this six-month depot trial, the supermarket was impressed; final film choices were made, and the customer purchased the machine outright before adding additional Fuji Alpha 8s to its packhouse and partners.

REASONS TO INVEST

The case for the investment was, says Paramount, compelling:

- There was improved product quality through the reduction of condensation within packs
- 97 tonnes of PVC per year was removed from the supply chain (from one line)
- The introduction of pre-printed film removed the need for labels.

To date, Paramount now has multiple machines installed and on order across the UK and Ireland for other mushroom growers and supermarkets, leading the way for a more environmental way to wrap mushroom punnets.



Integration into existing lines

"By being the first flow wrapping manufacturer to launch a mushroom punnet flow wrapping system, using the pre-trial and depot trial work conducted, we now have a finished and proven machine, which customers can be confident will deliver the results they want and more," explains Bessell.

Currently, the customer has confirmed it is achieving a line speed which is 45% faster compared to its previous machine. Although, the Fuji

Alpha 8 has the capacity to increase its speeds by 87%.

"This means the Fuji Alpha 8 hasn't just matched the speed of incumbent PVC over

wrappers, but has exceeded line speed, while improving efficiency," says Bessell.

T 01252 815252

w paramount-packaging.co.uk



Tel: 01234 825050 Fax: 01234 827070 Email: sales.uk@robopac.com

Feature: Fresh produce

Mini option is high speed and accurate

Newtec's 2008PCM Mini weigher is designed to meet the needs of the fresh produce sector by offering accurate and high-speed services.

"In terms of packaging, we mainly pack into punnets," explains UK technical sales manager Paul Graham. "These can be plastics or card, and we have various sizes and shapes of chute to suit each style which can be changed very quickly."

Mini weigher efficiency enables companies to maintain production levels while delivering fresh quality fruit, thus supporting sustainability practices for the industry, says Newtec. Customer reliance on product quality is therefore not compromised by the speed of production.

Newtee's Mini weigher solutions (for example, six Mini weighers connected across two lines, or four Mini weighers connected in one line) are complete automated weighing and packing lines that function at high capacity and are capable of processing, mixing and packing products with ease and at high speed. This means that they can pack any mixed products quickly and efficiently while reducing the need for work by hand.

The Newtec 2008 PCM machine can run a single unit, or it can be networked to run multiple products. Each machine is a combination weigher, giving high accuracy at up to 70 portions per minute from 50g to 500g.

- **1**01406 426526
- www.newtec.com



The 2008PCM is seen here handling pumpkin



The latest PFS family of machines can meet the demand for sustainable packaging solutions

Designing in a 'green' benefit

The range of equipment developed by WestRock delivers eco gains for packaging fresh produce...

estRock has developed a new family of machines specifically designed to help produce growers and retailers meet the increasing demand for sustainable and ethical packaging solutions.

To address the everchanging needs of the produce industry, WestRock's new line of machinery is engineered to form EverGrow tills, trays, punnets and hinged-lid designs that are completely customisable. These new packaging designs are fibre-based and recyclable, helping brands and retailers meet their sustainability goals while helping consumers at retail with eye-catching designs.

And, says Rick Anderson, vice president of Automated Packaging Systems for WestRock, customers have been very positive about the new offer.

"Our expert automation specialists worked hand-in-hand with our material scientists and structural designers to create a truly unmatched automation solution for produce packaging," he says. "WestRock continues to deliver integrated solutions for primary, secondary and tertiary packaging unlike any other."

The new PFS machinery gives growers the optional ability to form packaging on-site, increasing flexibility and creating supply chain efficiencies. Available in several configurations including versions with an integrated stacker, the PFS machines can produce quality trays at high speeds at over 120 a minute.

The equipment has a compact footprint and features a high-capacity horizontal magazine that provides up to 60 minutes of running time.

This small footprint enables WestRock to install the equipment at produce packing facilities where space is often at a premium.

"Our machines are highly versatile and capable of forming a range of produce packaging structures that are completely customisable," says Anderson, "this gives our customers a great deal of flexibility allowing them to run different styles, sizes and substrates on the same machine."

The optional integrated stacker can deliver trays in stacks for transportation to processing lines, or shipping to another facility. This feature supports greater flexibility in packaging operations for growers and a more seamless transition away from plastics alternatives.

"We believe our packaging designers, combined with our engineering team, have created market-leading plastics alternatives for fresh produce," explains Anderson.

- **1** 01493 257070
- www.linkxpackaging.com

IDEM SAFETY Making Industry Safer

First x-ray inspection

Yamato Scale has supplied a range of inspection units to Natures Way Food

amato Scale has installed Natures Way Food's first ever x-ray systems at its Selsey plant.

Previously, the manufacturer of fresh convenient food worked with Yamato to expand its facilities which culminated in the creation of the largest bagged salad factory in Europe. Part of this included the installation of 25 checkweigher/metal detection combi systems, and so

across the product range, including metal, ceramics and glass. Yamato also provided training for the Natures Way team, including guiding them through IRR17 rules for

> working with x-ray, to ensure the system was used safely and accurately.

The YX20 x-ray machine



the inclusion of x-ray adds another layer to the site's quality control protocols.

After one of its customers requested x-ray inspection on a new product being brought into market, Natures Way Food approached Yamato to provide a solution. Two of Yamato's YX20 x-ray systems have now been installed into the Selsey-based facility, enabling the detection of a wide range of contamination

"Yamato was already a trusted supplier for us, so when we needed to bring x-ray inspection in the facility, they were our first port of call," says Keith Ellis, engineering manager at Natures Way Food. "We were pleased with its ability to test the product ahead of installing the system into our production line and to meet the lead times we required."

10113 322 1546

www.yamatoscale.co.uk

Setting the standard in machine safety devices



The world's largest range of Stainless Steel safety switches

IP69K tested products designed for the most challenging environments

- Non-Contact Safety Switches
- Trapped Key Interlocks
- · Emergency Stop Switches
- Safety Rope Pull Switches
- · Safety Limit Switches
- · Electro-Magnetic Locking Switches
- · Safety Tongue Interlocks
- Solenoid Controlled Interlocks
- · Belt Alignment Switches
- · Hinge Safety Interlocks

MANUFACTURED IN THE UK

+44 (0)1942 257070 sales@idemsafety.com WWW.IDEMSAFETY.COM

Feature: Fresh produce

Machinery Update talks to Multivac about its new offer

o meet retailer, wholesaler and consumer demands for more sustainable packaging concepts that can partially or completely replace conventional plastics packaging, Multivac UK can now offer full-wrap labelling solutions for fresh produce.

Single-origin recyclable packs made of paperboard or cardboard are the latest trend for packaging fresh produce and are gradually replacing typical plastics trays which usually have an additional pillow pack or are wrapped in stretch film or netting.

Multivac recently launched two sustainable, full-wrap labelling solutions for plasticsfree packaging of fresh produce at its Packaging and Processing Discovery Forum last October.

The new solutions require just one wrap-around label to securely seal a cardboard tray. The packs are not only attractive at the point of sale, but Multivac says that they also guarantee a high level of acceptance with consumers who are increasingly reaching for recyclable packaging, which can also result in higher sales.

TWO SOLUTIONS OFFERED

The first of the two solutions is a winged cardboard tray, most suitable for larger fruits such as apples, mangoes, avocados, oranges, lemons, peppers and tomatoes. The other is a flat walled cardboard tray and is more suitable for smaller produce such as grapes, cherry tomatoes, sweet peppers, plums or gooseberries.

The cardboard trays are automatically labelled and sealed with self-adhesive labels made of paper, and the trays are either fed in manually or transferred directly from an upstream module. This provides significant cost savings and higher cycle rates. The cycle output of the L 310 is between 90 - 100 packs per minute.

Multivac says existing packaging



Sustainable new options

Multivac UK now offers full-wrap labelling options that are more eco-friendly for fresh produce across a range of products concepts with board trays, which meet the current requirements in terms of recyclability, are generally cost-intensive and less efficient. This is because a cardboard sleeve is usually applied manually to the pack, or only low cycle rates can be achieved if the application of the label is automated in an intermittent packaging process. If complex folding cartons are used, these may be closed manually and frequently need to have an additional label.

The compact L 310 full-wrap conveyor belt labeller is very easy to operate and is designed to fit into any existing packaging line. It can also be used as a standalone machine. Meanwhile, coding systems for batch and expiry dates

can be integrated into the machine.

For 60 years, Multivac has supported fruit and vegetable producers with its wide range of cost-effective packaging solutions. Today, the company is continuing to develop further as a leading partner for sustainable processing and packaging solutions.

"Our customers see us as a partner who makes a crucial contribution to their success," says sales director at Multivac Matthew Jackson. "Fruit and vegetable producers count on our solutions to protect their products, maximise the shelf life and reduce the loss of aroma and nutrition."

101793 425800

www.multivac.co.uk

Automatic in name, automatic in nature...



Now Available

Automatic Weigh Price Labeller WPL-A

Increase your product quality, food safety and efficiency!

The Minebea Intec weigh price labelling family is growing. We brought you the **WPL-S** and now we're excited to bring you the **WPL-A**, increasing product quality, food safety and efficiency, automatically!



Minebea Intec UK Limited
2760 Kings Court, Birmingham Business Park
Birmingham B37 7YE
Phone +44 . 121.779.3131 | Email cs.uk@minebea-intec.com



Feature: Fresh produce

Meeting market production aims

PPMA members have been answering the needs of the produce market with installations across food groups...

nstallations for products as diverse as pineapple chunks, microwaveable potatoes, fresh tomatoes and salad products have seen a range of technologies deployed last year.

At Zentis GmbH, for instance, a company that specialises in the preparation of fruit and other natural products, metal detection systems from Mettler-Toledo prevent metal contaminants entering the production process at the site.

During incoming goods control, a Profile Advantage metal detector inspects raw pineapple chunks from 2-3 kg cans. After the cans are opened in an automated process, the pineapple chunks are shaken onto a conveyor belt and immediately guided through the metal detector.

If small metal particles have been left in the pineapple from the supplier's cutting process or the automatic can-opening process, the Profile Advantage



A new time-saving potato pack

detects these foreign bodies and removes the affected product from the production process automatically using a reverse belt reject mechanism.

Meanwhile, Danish company Kildespring has launched new potato products in Schur Star Zip-Pop bags, enabling busy consumers to prepare a meal in only eight minutes. Potatoes and spiced butter are placed in two separate compartments and during preparation, the steam from the potatoes will open the compartments, and the butter in the top will melt down over the potatoes.

When potatoes are prepared traditionally, valuable minerals and vitamins are



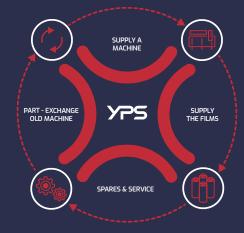
Inspecting pineapple chunks

lost by using the boiling water, but this gentle method of cooking retains the nutrients, says Schur Star Systems.

When the UKs largest tomato and produce packer APS Produce was looking for a tray denester-placer, it approached Partners in Packaging (Machine Systems). The A Series-four denester installed onto an indexing chain and peg conveyor, is capable of speeds of more than 100 trays a minute, and the four tray magazines offer a tray capacity that

THE COMPLETE SOLUTION FOR:

- SHRINK WRAPPING MACHINERY
- SHRINK FILM
- STRETCH WRAPPING MACHINERY
- STRETCH FILM
- E-COMMERCE PACKAGING
- SPARES & SERVICE









another conveyor for weight checking and automatic packing into bags.

The complete system can also withstand a full pressure wash down.

Simon Calder general manager of Blackdown Growers says the system far exceeded his expectations in reducing labour.

- www.mt.com/pi
- www.schur.com
- www.partnersinpackaging.com
- www.upmconveyors.co.uk

minimises the amount of operator loading required.

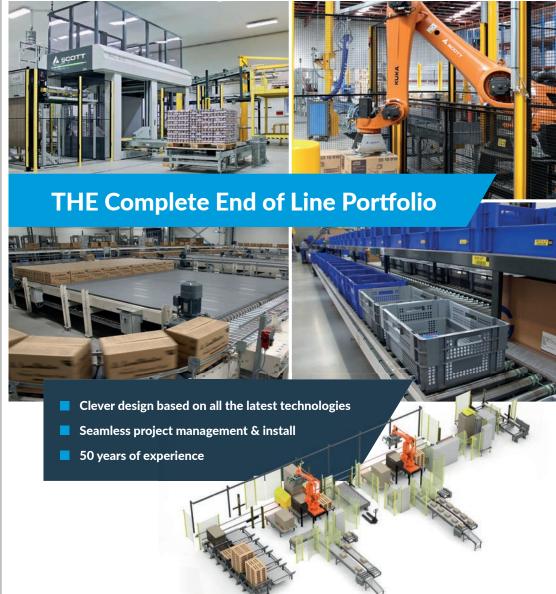
"The A Series offered us the simplicity and reliability of operation together with the flexibility to change in future to other trays including card trays with a simple and quick size change mask," said David Pearson APS' facilities director.

Recently, the UPM team worked with specialist providers of baby leaves and herbs Blackdown Growers to create a bespoke conveyor system that would automate the handling of tote boxes from the chilled area to its packaging lines.

In operation, baby leaf is transferred to a UPM custom engineered receiving bay that allows operators ease of tilting to discharge the leaves onto a belt conveyor. It is then discharged onto



Gentle cooking keeps nutrients





- Robotic and Layer Palletising Systems
- Automated Guided Vehicles (AGV)
- Automated Storage & Retrieval Systems
- Line efficiency enhancement and buffering solutions
- Pack and Pallet handling
- Industrial software
- **Project Management services**

Looking for advice on how to Automate?

Get in touch with us!

+44 (0) 1384 210 278 info@scottautomation.co.uk

www.scottautomation.co.uk





Feature: Fresh produce

BWFS is meeting efficiency needed by salad producer

ver the past year, one of Europe's leading suppliers and growers of fresh produce Vitacress Salads, with production facilities in the UK and Portugal, ordered ten Verus vertical form, fill and seal (VFFS) machines from BW Flexible Systems (BWFS).

To best determine both Vitacress Salads' needs and therefore the best solution, BWFS spent time onsite at the company's production facility, observing its current lines. The company also interviewed key stakeholders to explore their needs and how best to address them as well as conducting efficiency studies to determine benchmarks. During this time, the BWFS engineers spent time beside the existing machines with a clipboard and pen to record flow rates, downtime, and any downtime issues.

Efficiency and simplicity were quickly identified as the primary needs which is why the company supplied its Verus 35s, a high-speed, intermittent VFFS bagger.

ALL HYGIENIC FEATURES

"The IM Verus's hygienic features, low-maintain design, and intuitive operation, made it the correct choice for this application," explains Thomas Lombardo, regional sales manager for BWFS. "Performance data, as well as operator and engineer feedback captured after the first two machines were installed has justified the decision."

The IM Verus' intuitive design delivers fast changeovers and offers simplified set-up, making it easy to use.

Meanwhile, the hygienic design of the IM Verus has provided benefits. The advancements that BWFS has made with the sloped electrical cabinets, jaw area improvements, waterproofing and reduced machine complexity which makes for easier access for cleaning and maintenance were appealing



Delivering a ten-fold gain

The IM Verus is simple to operate and has delivered operational gains for the Vitacress Salads' facility to an industry that requires strong hygienic performance.

"When designing the IM Verus we leveraged our collective knowledge, with a focus on hygiene, simplicity of use, ease of maintenance and high performance to produce a bagger that ticks all the boxes for users," says Lombardo.

Vitacress Salads also wanted to investigate how it could save on film usage, an area of ongoing interest to BWFS, as well. Its experience in the fresh produce market and various film structures, both new and existing, allowed the company to make recommendations concerning current trends that Vitacress then used to make an informed purchasing decision.

Here, the IM Verus's ability to seal all film structures while offering a wide variety of bag formats, made it an easy choice

"We have been deeply engaged in film structure research for some time now, ensuring that we can provide outstanding seal quality across numerous film types," says Lombardo. "As a company, we've also partnered with film providers to test the latest substrates, so we have a detailed understanding of the nuances of film types: their capabilities, and what they can deliver."

The ten machines ordered by Vitacress Salads will be installed in its UK facility in the coming year.

10115 967 8787

www.bwflexiblesystems.com



INDUSTRIAL METAL DETECTION



MARKET'S MAXIMUM PERFORMANCE

ON HEAVY PRODUCT SIZES

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

Feature: Fresh produce

Strappers benefit two fruit packers

Pallet strapping systems from Gordian Strapping have provided operational gains and the pallet stability required for two fruit companies.

During the pandemic, Gordian worked with SH Pratt, one of the UK's largest banana importers, at its ripening centre to develop and optimise its production line. The solution was an OMS o6 horizontal pallet strapping system; a fully automated strapping machine that incorporates a strap alignment system to ensure a fast, consistent, repeatable strap feed and application that increases up-time and operational reliability.

With optional translation, pack compression, corner edge protection applicators, pedestal or desk control panel, driven conveyors and centring device, the OMS o6 system is built for efficiency and stability – a key in the quest to reduce waste in the fresh produce market. For SH Pratt, the OMS o6 decreased the time taken to prepare its palletised bananas – with strap feeding and recovery speed of 5.5 m per second.

A similar solution was also adopted by Wye Fruits, where Gordian installed two OMS o6GS systems (shown on our front cover). This machine is related to the previously adopted OMS o6, but with increased corner protection due to the cardboard or plastic edge protectors being stored in cartridges at ground level. The vacuum operated corner board inserter prepares corners while the machine is strapping, thereby speeding up the operational process.

101256 394400

www.gordianstrapping.com



The OMS O6GS's replaced two ageing units



Primaflor produces over 2,000 different salad products using its Ishida weighing technology

Making salads a fresher thing

Equipment from Ishida offers the efficiencies European salad producers require for success

eliability, flexibility and ease of use were the main reasons behind the selection of Ishida weighing technology for the fast and accurate packing of bags of mixed salads at Primaflor, one of Spain's leading fresh produce growers.

At the same time, economic and ergonomic benefits were the main criteria behind the success of an Ishida-designed weighing, filling and tray sealing line at Fresh Servant, Finland's leading supplier of fresh prepared salads.

As Torsten Giese of Ishida says, salad characteristics such as different shapes and sizes of leaves need to be handled and the lightweight product often arrives wet at a weigher but then dries out during the process.

Smooth and quick movement of leaves is vital, with no sticking points, product transfer is also critical, while weighing such a lightweight product is also a challenge, as is any water ingress in the process. Giese believes that careful

selection and suitable investment in an advanced weighing solution is key to delivering the highest outputs and efficiencies.

The latest model at a Primaflor factory is a 14 head 5 litre CCW-RV waterproof salad model from Ishida's Sector Solutions range; it is the 15th Ishida multihead weigher to be installed by Primaflor, with 12 now in operation at the Las Canalejas factory and another three at its factory in León. The weighers have been specifically designed to handle the challenging characteristics of all salad products, such as baby leaves which are prone to tangle together and be difficult to move efficiently throughout the weighing process.

Meanwhile, the line Ishida installed at Fresh Servant is meeting demand for complete salad ready meals with added ingredients such as chicken, tuna and cheese.

10121 607 7700

www.ishidaeurope.com



MAXIMUM CONTAMINANT DETECTION

DESIGNED TO FOOD GRADE ENGINEERING STANDARDS



NEW RAPTOR X-RAY

GUARANTEED

- ✓ HIGHLY ACCURATE
- ✓ SENSITIVE
- ✓ RELIABLE
- ✓ COP COMPLIANT

FULLY INTEGRATED X-RAY SYSTEM

www.fortresstechnology.co.uk



- 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



Feature: Fresh produce

Preserving freshness with freeze dryers

Freeze dryers manufactured by FrostX use vacuum technology by Busch, and one unit has just been delivered to a three-star Michelin restaurant in Austria. Busch says this example shows that the process of freeze drying has been more than accepted by restaurants and enables a whole new way of cooking and taste.

And all this without any loss of nutrients and flavour.

The FrostX freeze dryers are smaller than a standard fridge and enable vacuum freeze drying of many kinds of fruits, vegetables, herbs and mushrooms. And



The latest FrostX freeze dryer

all this while maintaining the full nutritional and taste qualities of food. Freeze drying also helps to prevent food waste and makes food storage so much easier, because the durability of

freeze-dried food is significantly longer. The compact dimension can fit in even small kitchens or bakeries and the low noise level and reduced operating costs bring even further advantages.

Freeze dryers from FrostX are equipped with Zebra rotary vane vacuum pumps from Busch Vacuum Solutions. These vacuum pumps are robust and reliable in operation and enable a stable pumping speed even in low pressure range.

The vacuum pump itself has a low noise level and can be easily serviced if necessary, says Busch.

1 01952 677432

www.busch.co.uk



Freeze dried fruits are gaining in popularity



A consistent display for carrots destined for UK supermarkets is delivered by the system

Loaders offer quick returns

Huntapac Produce is laying the groundwork to boost its packing efficiencies with case loaders

arvesting 4000 acres of root crops a year – the majority carrots – family-run Huntapac Produce has installed a customised Brillopak vegetable case loading system to boost its overall efficiencies.

Indeed, Will Hunter – a robotics advocate since the age of 16 and fourth-generation operations director – is leading a new mission at the company to introduce the best quality control, process and packaging technology to boost productivity, with the fastest ROI.

Having explored robotic pick and place options over the last decade, a mechanical case loading system designed by Brillopak is delivering against Hunter's exacting criteria. With an estimated ROI of 2.5-years, Huntapac tasked Brillopak to engineer an affordable, compact bespoke tray packing system to accumulate and present carrot packs into neat layer formations in retail-ready crates.

"There's an accepted truth within the farming community that automation can address labour shortages and improve how packs are presented into retail trays," explains Hunter. "Despite this, it can be hard for many farmers to justify a seven-year ROI on traditional pick and place robots." An accumulation system based on Brillopak's PunnetPAKer design with a special retractable overhead push and slide mechanism more than halved the ROI and answered this conundrum.

This specially adapted BR2 vegetable packing machine allows Huntapac to run different sized and weighted carrot packs, from 500 g to 1.5 kg, smaller Chantenay carrots, and even parsnips, as well as different packaging materials including new recyclable substrates.

And all without incurring time delays by switching robot end effectors.

Presenting up to 80 carrot packs per minute into retail trays, Huntapac replaced one of its traditional rotary table, manual crate packing lines with the automated system last year. Operating 16 hours a day, five days a week, 1200 tons of carrots are graded, washed, polished, cooled, optically graded by size and quality, packed and checkweighed.

01622 872907

www.brillopak.co.uk

Smart seal checking

Engilico supplies an in-line system that offers 100% seal inspection

he sealing of flexible packages is a critical phase in the packaging process for fresh produce manufacturers which is why Engilico offers an inline, 100% seal inspection of these packs enabling customers to realise better packaging quality and higher productivity even for tricky products such as sliced vegetables, leafy greens or baby leaf salads.

SealScope is an in-line, non-destructive seal inspection and process monitoring device for flexible



The SealScope system automatically inspects every package on a line

packages such as pillow bags, pouches and flow-packs.

Sensors are installed on the sealing jaws of the packaging

machine which measure during the closing of the sealing jaws. Every time a package is sealed, the actual measurement is compared to a reference model of correctly sealed packages.

In case the deviation is higher than a user defined limit – due to any product in the seal, or wrinkles or folds in the seals – SealScope will issue a rejection signal and the package is excluded via an ejecting system so only quality product gets through.

100 32 16 498 137 www.engilico.com

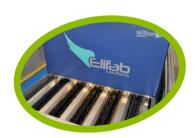












Optical Grading



Weighing & Packing



Guaranteed Quality

Labelling, Coding and Marking

Digital labelling gives fresh food firm the production agility needed

amily-run food business Raynors is addressing the needs for producers to be increasingly responsive and agile with digital printing technology from Epson.

As Adam Newland, managing director of the branded sandwiches, rolls, wraps, panini, salads and bespoke products producer explains: "In the last six months with the pandemic and Brexit we have experienced some difficulties with the supply chain and, for some ingredients, we have been let down.

"We have had to find a quick solution and that has meant last minute changes and being able to quickly adapt labels allows us to be flexible and puts us in a better position to manage customer demands," he tells *Machinery Update*.

"With Natasha's Law you can no longer make generic claims, so the labelling of foods has to be more specific," he adds. "Any change to the ingredients is now a more complex process but digitally



Managing director at Raynors Adam Newland is delighted with digital printing

printing the labels allows us to have greater control."

Raynors has previously placed large label orders for blank labels of up to 50 different versions and then overprinted them with black and white thermal printers. "If you needed to amend a label there was a lead time of four weeks and you had to factor in the cost of the plates which were around £40 per colour," says Newland.

"When there are five or six colours that all adds up, not to mention the minimum order requirement."

The company began working with two Epson ColorWorks C7500 three years ago after it started to see greater variation in printed label volumes. Its supplier, Wessex Labels, began printing more jobs digitally, especially when run lengths fell below 50,000. The printing

operator then suggested Raynors take the smaller run lengths in-house, with Epson technology and Wessex's own developed Tolarus software to manage the label design and print production process.

"We chose two printers to factor in an element of redundancy and so now we can produce any design on demand, make any tweaks and print very quickly," says Newland. "It means we don't have to store so many designs or have money tied up in stock on the shelves.

"We can simplify what we need, order more of a fewer number of designs to benefit from the economies of scale and be clever with the design to use as little ink as possible," he continues. "A huge benefit is that we can take a product from concept to launch faster, and we can also support seasonal products without too great a commitment, particularly when the demand is unknown."

- **1**0871 423 7766
- www.epson.eu

Top and base labeller has replaced a manual operation to meet growing customer demand

Producer of edible drinking straws Wisefood turned to Herma for quick and uncomplicated support when sourcing a labelling machine to cope with a large order.

The 652C top & base labeller was ordered, delivered and ready to go within just one week, and thanks to its simple operation, versatility and performance reserves, the machine



Wisefood's ceo is impressed with Herma's response

represents a futureproof investment for the company in the light of soaring demand.

"We set up the labelling machine ourselves, spoke to the Herma support team twice by phone and then got cracking," explains Wisefood co-founder and ceo Philipp Silbernagel.

101440 763366

www.hermalabellingmachines.co.uk



Company earns its Zebra stripes

Clearmark Solutions is now recognised as an official Zebra Technologies Partner. The company has been awarded 'Registered Reseller and Printer Repair Specialist' status by the print company and the addition of Zebra's off-line printers gives food and drink processors of all sizes more coding options.

1 0115 964 0144

www.interactivecoding.co.uk

A meal/recipe box company is tracking its cartons in real time

ogopak International has completed a third UK site installation with Gousto, the online meal/recipe box company that supplies fresh ingredients of customer choice for home delivery.

Accuracy, speed and time are key ingredients for the successful operation of a company like Gousto, where the Logopak labellers are used for applying either one or two license plate tracking barcodes to the cartons in real time. This aids with internal tracking, traceability of customer orders, location of the goods, status of orders and applying the correct despatch label to the correct customer order in real time.



Logopak has installed a third system

Once the order is fulfilled, a unique carrier despatch label is applied to the carton and scanned to confirm a valid label is applied and that can be read throughout the entire supply chain. Logopak says it can print multicarrier, multiservice and interface to numerous Ecommerce platforms.

"Our machines deliver time and time again for Gousto," explains Howard Jagger, managing director of Logopak. **1** 01904 692333

www.logopak.co.uk



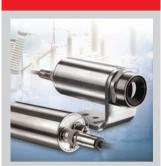
www.labeller.co.uk

T: +44 (0) 1444 239970

E: sales@atwell-labellers.co.uk 18 Bolney Grange Business Park • Hickstead • West Sussex • RH17 5PB • UK



Vision News



Autonomous operation is offered

Imaging camera is new option

Micro-Epsilon has introduced a thermal imaging camera with Ethernet interface and automatic hotspot finder function, enabling the camera to be operated autonomously without a PC for automatic monitoring of hot and cold spots in a wide range of applications.

The thermoIMAGER TIM41 is a compact, robust (IP67) thermal imaging camera that is particularly suitable for industrial OEM applications. The camera has an excellent optical resolution (384 x 240 pixels) and provides measurements in the range of -20deg C to +900deg C.

With communication and data made available via the Ethernet interface and support for Power-over-Ethernet (PoE), direct cable lengths of up to 100 m can be realised. IR video is transferred with a frame rate of up to 25Hz and can be viewed in the freely available TIMConnect software. Measured temperature values can also be output via the camera's process interface (4-20mA).

The camera can also be powered with 5-30 VDC if PoE is not available.

This new camera can be operated without a PC using the 'auto-hotspot-finder' function, which enables automated detection of hot and cold spots within the camera's field of view, even on moving objects.

Simultaneous monitoring of up to three measuring fields is possible on a continuous basis in autonomous mode.

■ 0151 355 6070 www.micro-epsilon.co.uk

Latest streaming cameras offer time-saving options

ick has unveiled the first in a new generation of Ruler3000 3D streaming cameras, designed to offer a fast track for integrators to harness the speed and measurement precision of the company's high-definition 3D imaging technology.

The Ruler3000 is billed as setting a new standard for high-speed 3D image quality in an easy-to-integrate, pre-calibrated device.

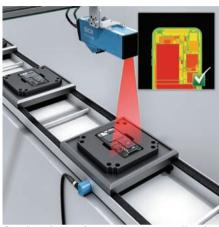
It combines Sick's Ranger3 streaming camera with a Class 2 eve-safe laser. pre-selected optics and fixed geometries to enable much simpler configuration and commissioning. With industry-standard compliance giving comprehensive access to machine vision software tools, the Ruler3000 dramatically cuts time and complexity when integrating more demanding inspection, measurement and robot guidance tasks across a wide range of industries.

"With today's demands for

higher throughputs, more accurate quality control and flexible, batch-orientated production. the pressure is mounting to deliver more speed and accuracy from 3D machine vision systems," says Neil Sandhu, Sick's UK product manager for imaging, measurement and ranging.

"The Ruler3000 is an exciting prospect for OEMs, system integrators and accomplished 3D vision end users," he continues. "Because so much of the configuration and commissioning work is already done, you can rapidly shortcut to integrating a continuous stream of industrystandard data into higher level systems or robot controls.

"And, with accurate 3D, reflectance and scattered light measurements in one device, you can evaluate



Simple and versatile user integration is offered

several aspects of the inspection simultaneously to achieve optimum control and measurement confidence," he says.

Sick believes its new option is likely to find diverse applications in industries including electronics, automotive components, consumer goods, food and beverage and pharmaceutical production.

101727 831121

www.sick.co.uk

Latest deep learning-based image analysis software can simplify complex problems

With VisionPro Deep Learning, Cognex is offering a deep learning-based image analysis software that is specifically designed for factory automation applications.

One major benefit of VisionPro Deep Learning is its ability to combine the available tools, says the company. This allows complex problems to be broken down into smaller individual steps to simplify project optimisation and reduce the number of training images required.



The Blue Read tool reliably deciphers and recognises skewed fonts and codes

Another distinctive feature of the new software environment is that developers can easily select the best tool for the given task by combining it with VisionPro's rule-based vision libraries. Projects can be created in the VisionPro Deep Learning development environment and then exported to a VisionPro project, allowing users to combine the best of both worlds, says the company.

0121 296 5163

www.cognex.com

Machine vision solution ensures biscuits are the correct even size

ne of Europe's leading biscuit manufacturers asked Machine Vision Technology (the machine vision part of Identify Direct) to provide an automated vision solution to ensure their biscuits were of an even size.

In operation, the factory needs to make the 'sandwich biscuit' the correct overall height, as any deviation in the stack size, even if each is just a mm out, would result in a failure in the wrapping process. The main objective of the company is to achieve economic production while being smart with the raw materials and packaging. To do this, any issues in the production process need to be identified quickly through data that can be accessed efficiently on demand.



The vision solution is working well

Machine Vision Technology was asked to automate the size and the weight control of the biscuits during the production process. The company approached MultiPix Imaging for advice on camera and image processing software selection and produced a solution consisting of three Basler Scout cameras to grab images of the biscuits from above and HALCON Imaging software to analyse the image to ascertain if the biscuit is the correct size. A fourth camera was used in partial scan mode for higher frame rates, grabbing a laser line profile of the biscuit.

101926 563000

www.identifydirect.com

We have the solution.

Position. Transport. Rotate



Oriental motor

Oriental Motor (UK) LTD www.oriental-motor.co.uk - info@oriental-motor.co.uk - 01256 347 090

Components

Servo technology keeps transferring swing-tops

ew servo technology from Festo is helping Grolsch to put the iconic swing-tops on its bottles of lager. The 'swing-top transfer unit' was custom-designed by Festo in conjunction with system integrator MCA Linear Motion Robotics and has been installed at the Grolsch Enschede plant in the Netherlands.

The 'swing-top transfer unit' provides about 3,800 swing-top bottles per hour with a porcelain cap and rubber ring. Bottles without clips are fed in on one side, while the swing-tops are fed in from the other side. Before the tops can be positioned, a sensor detects where the hole in the bottle neck is as the bottle rotates.

Based on this measurement, the bottles are rotated into the correct position via a servo motor located underneath. Afterwards, the swing-top transfer unit positions the swing-top while the bottle is rotated again so the swing-top can first be pressed into one and then into the other hole.



THE EMMT servo motor has a single cable for motor and encoder signals

One of the most significant changes in the new design is the replacement of the two electric and parallel positioned axes that carry out the horizontal movement (X-movement) by a heavy duty EGC axis. This has a double guide that is actuated by new servo technology in the form of Festo EMMT servo motors.

The EMMT compact servo motor has a single cable for

both motor and encoder signals. This means it can generate an extremely low holding torque, enabling it to synchronise several axes, even during lower speeds. In addition, the EMMT has a digital, absolute displacement encoder (single- or multi-turn) and is available in protection classes IP40 and IP67.

■ 01252 775053 ■ www.festo.co.uk

TESTES O

Positioning system cuts downtime

Elesa UK is offering digital position indicators to ensure downtime is kept to a minimum during product changeovers.

"Machine downtime for our customers and their end-users can become a major problem while they re-set each roller spindle manually," explains Nigel Pritchett, md at Elesa (UK). "Fortunately, we have a solution readily available in the form of our wireless digital electronic positioning system.

"These units are a like-for-like replacement for conventional items and the connected system allows up to 36 position indicators to be re-set all together from a PC link," he continues. "This saves a great deal of time compared to re-setting each one individually for different packaging configurations."

Elesa's RF electronic positioning indicators enable wireless communication with a PLC. This results in faster, more efficient machine set-up and associated changeover processes. The wireless system enables a quicker and more reliable machine set up – achieved by using a linked controller, which displays the initial set-up values on each of the electronic position indicators.

An operator can simply choose the appropriate menu, then quickly re-set each spindle to its correct start position and the machine is 'good to go'. This saves time and reduces the possibility of human error every time the line is changed or recalibrated.

The simple flexibility enables the Elesa system to be adapted as a mainstream option on all such machines and ensures it may be retrofitted to existing installations when upgrading a facility.

1 01526 322670

www.elesa.com

New lanyard-secured hand knobs improve machine security and maintenance safety

WDS Components has released a new range of hand knobs with loss protection that are designed to increase machine protection, speed up maintenance and comply with EU Machinery Directive 2006/42/EC

Directive 2006/42/EC regulations. The hand knobs are secured to machinery by a permanently fixed lanyard attachment and are intended for use with panels



The new lanyard attachment is bolted to the installation

and machinery guards for OEM or end user retrofit.

The lanyard attachment is bolted to the installation, preventing loss of the

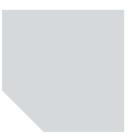
adjoining hand knob when the knob is unscrewed by suspending or retaining it within easy reach. This secure lanyard attachment also protects machinery from damage during maintenance by

preventing the hand knob from falling into moving or sensitive machine parts.

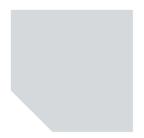
1 0333 043 5443

www.wdscomponents.com

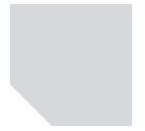
















formative for the industry













der wintec.

No other photoelectronic sensor affected industries as profoundly as the wintec product series by wenglor known for its slanted edge. wintec enables objects to be detected regardless of color, gloss, surface texture and inclination angle.

- V4A Stainless steel IP69K with ECOLAB
- Resistant to cleaning high pressure at up to 100 bar and 80 °C
- Interchangeable PMMA lens
- Reproducibility of 3 mm even up to 10 m
- Insensitive to ambient light up to 100,000 lux
- Digital and analogue options
- No mutual interference with up to 6 sensors
- IO-Link 1.1 with COM3 and writable process data
- Built-in acceleration sensor



Components



Sensors are for compact units

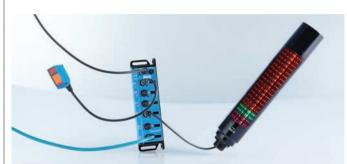
Family of latest sensors perform well in confined spaces

wenglor's product family of inductive sensors with increased switching distances features enhanced performance in a miniature design: Eight new sensors from the 103 and 104 series in the compact D3 and M4 housing are available for detecting metallic objects in confined systems. Virtually no larger than a pin head, the robust sensors in a V2A stainless steel housing demonstrate their strengths where space is the most limited, says wenglor.

The IO3 series sensors have a diameter of just three mm (D3) and a smooth housing, while the 104 series has an external thread with a total diameter of four mm (M4). With both series, the housing is just 22 mm long. 01536313580

www.wenglor.com

New smart light tower is shedding light on production efficiencies



Sick's latest tower is designed for a long, maintenance-free operating life

ick has reimagined the industrial light stack as a versatile and customisable Smart Light Tower that can be easily set up with a wide range of parameters to communicate the real-time operational and maintenance status of machinery.

It exploits the benefits of IO-Link so that both machine builders and end users can easily program real-time displays and audible signals to support wide-ranging operational, maintenance, and management goals. The new unit can be easily installed via a single cable

and an IO-Link Master and programmed through an intuitive graphical interface with a standard PC.

In operation, it uses three operating modes: signal light, level meter, or animation to communicate the run status of machines and alert operating personnel to any maintenance tasks or emergency conditions. It can be fitted to a wide variety of fixed machinery, as well as on mobile vehicles such as AGVs (automated guided vehicles) and AMRs (autonomous mobile robots).

1 01727 831121

www.sick.co.uk

Partnership brings new range to UK

ANCA Motion's new LinX M-series linear motor, an alternative to pneumatic. ballscrew, linear flatbed options, is now available in the UK from Olsen Actuators.

This LinX M-series tubular linear motors from the Australian company are designed to improve on and replace inefficient, leaky and bulky pneumatics, ballscrew, linear flatbed options. New partner Olsen says these dynamic tubular linear motors are perfectly suited to industries such as food and beverage and packaging.

The LinX M-series linear motor features an integrated position sensor with 10 um of resolution, eliminating the need for an external encoder, thus simplifying the system design and reducing overall cost. The modular design, reduced footprint, and flexible mounting options enable flexibility in system integration.

The M-series motors are compatible with standard pneumatics making it easier and more straightforward to be retrofitted. Olsen explains that the series is designed to deliver superior performance for high dynamic applications: velocity up to 10m/s and maximum acceleration of higher than 30G.

Compared with a pneumatic system, the LinX motor is billed as reducing operating costs due to reduced energy consumption and maintenance. An estimated payback period versus pneumatic cylinders is only 18 months, which makes a compelling economic case, even though the up-front costs are marginally higher. **1** 01925 202127

www.olsenactuators.com

Firm combines breadth of technologies and a problem-solving approach for customers

Emerson has celebrated the 75th anniversary of its Branson brand, a name that has become synonymous with ultrasonic technologies for plastics and metal welding, and precision cleaning. The Branson portfolio has also expanded its offerings beyond ultrasonics, developing nine other material joining technologies including laser, vibration and infrared welding.

"We are extremely proud of our history and how

we revolutionised the use of ultrasonics in so many remarkable ways," said Vernon Murray, president of Emerson's assembly technologies business. "Our goal has always been to

deliver proven performance, unequalled expertise, and the broadest technology portfolio for material joining and precision cleaning



Celebrating a milestone

applications." Given the company's depth of technical resources, **Emerson** application engineers can utilise a process-neutral approach to help manufacturers evaluate, select, implement, and

optimise the right joining solution, regardless of the application or complexity. **1**01695 713600

www.emerson.com

Pressure sensor is a miniature option

iniature pressure sensors from the new PL54 range from ifm electronic can be mounted completely flush with the internal surface of the vessel or pipe in which they are installed.

This makes them ideally suited for use with adhesives, media with suspended solids and other viscous media that tend to 'plug' the dead space created from a non-flush mounting sensor.

Providing a standard 4 to 20 mA analogue output, the new sensors have a flushmount diaphragm with G1/4 thread directly welded to the sensor body. This arrangement provides high accuracy in a compact housing that measures just 19 mm across flats. The sensors feature high vibration and shock resistance and are manufactured from corrosion-resistant highgrade stainless steel, making them suitable for use in mobile applications and other



The miniature pressure sensors offer benefits

demanding environments.

ifm says that despite their competitive pricing, PL54 pressure sensors offer high measuring accuracy of ± 0.5% or better, and exceptional repeatability of ± 0.05% or better. They are available in five versions, which between them cover measuring ranges from o to 60 bar up to o to 400 bar. All types can be used with media over the temperature range of -40 to +90deg C, and all feature standard M12 connectors. 020 8213 0000

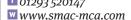
www.ifm.com/uk

Moving coil actuator reaches over two billion cycles record

A user of SMAC moving coil actuators has reached over 2 billion cycles, marking a new record for the devices. These units were built Device is built to last over 20 years ago such high cycle life is the and, while they recently patented 'Soft-Land' feature needed some minor maintenance, they are makes them less susceptible expected to last several more decades. 1 01293 520147

One of the key reasons for

which, among other benefits, to wear over time, says SMAC.





Book your FREE

check today

Contact Mike Horsley

01604758857 | mph@wallacehind.com

www.wallacehind.com

Who What Where

Who's done what and gone where...

Rockwell Automation



Åsa Arvidsson is the new regional vice president for Rockwell

Automation's North Region in EMEA that covers the Nordics, the UK, Ireland and Russia. In this new role, she will drive faster time to value for customers as they adopt digital solutions to improve resilience, agility and sustainability in their operations. Based in Sweden, Arvidsson and her team will build relationships with end users and OEMs in the region.

Matcon



Kerry Meah has been appointed as finance director at Matcon.

She has been part of the IDEX Corporation for ten years, working in the air compressor side of the business before taking up her new role.

Hazel 4D



Cayla Payne has joined Hazel 4D as its sustainability lead. She is

responsible for developing the company's environmental, social and governance strategy, ensuring it is setting and achieving its eco goals.

Baker Perkins



Ekaterina Krakovskaya has joined Baker Perkins as regional

sales manager for the confectionery and biscuit sectors across Russia, Eastern Europe and Italy. She brings 14 years of food processing and packaging experience to the regional role.

Antalis Packaging



John Garner, the former head of business development at Antalis

Packaging, has been appointed to the newly created role of head of innovation and design at the company tasked with helping customers to respond to environmental challenges. The appointment comes in response to sustainability needs of customers.



GIC

Sam Colgan has joined the packaging team at the company as its

new regional sales manager for the Midlands from its office division, where he was regional sales manager, North.

CME



Patrick Cole has joined CME's electrical controls department

where he will be responsible for PLC programming and documentation in support of the company's automation and packaging machinery build projects. He brings expertise in programming a wide range of industry standard PLC types as well as experience gained from working within food and beverage manufacturing sites.



Pictured on the left of the back row in this photo is Nick Beal,

support manager at fast-growing GIC. Next to him are two new

Ian Redhead has taken on the role of service co-ordinator with

responsibility for managing the service diary and liaising with

training and installations. He joins GIC from Eminox, where over

and service delivery manager, looking after a team of 13 people.

undertake preventative maintenance, installations, training

and breakdowns amongst the ever-increasing GIC install base.

the service team to assign service, pre-delivery inspections,

the course of 22 years, he worked his way up to installation

As service engineers, Mark Roberts and Lewis Shaw will

who has been promoted from software engineer to service &

recruits **Mark Roberts** and **Ian Redhead**, while the third new joiner is **Lewis Shaw**, who is pictured on the front row.

Lindsay Lewis has taken up the new role of HR manager at CME, joining

from a similar role at Make UK.

Diary Dates

27 - 29 **SEPTEMBER**

PPMA Total Show 2022

NEC, Birmingham www.ppmatotalshow.co.uk

16 FEBRUARY

PPMA Training

PUWER

online training shelly.bridgnell@ppma.co.uk

8 - 11 MARCH

PROPAK AFRICA 2022

Johannesburg, South Africa www.propakafrica.co.za

9 MARCH

PPMA Training

Machinery CE and UKCA Marking

online training shelly.bridgnell@ppma.co.uk

22 MARCH

PPMA Training

Electrical Machinery Safety: Introduction to EN 60204-1

online training shelly.bridgnell@ppma.co.uk

4-8 APRIL

ACHEMA 2022

Frankfurt am Main, Germany www.achema.de/en

26 - 29 APRIL

ANUGA FOODTEC

Cologne, Germany www.anugafoodtec.com

28 APRIL

Machine Vision Conference

Marshall Arena, Milton Keynes www.machinevisionconference.co.uk

3-6 MAY

IPACK-IMA 2022

Fiera Milano, Italy www.ipackima.com

MACHINERY FINDER

To advertise contact David Chadd

Ancillary Equipment

■ 020 8773 5505 **■** david.chadd@ppma.co.uk

AFTERMARKET SPARES & SERVICING





MACHINE KNIVES Technik PUNCHES & STS CUTTERS

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

AS-1

ifm electronic Ltd

Oldfield Road, Hampto Middlesex TW12 2HD T: 020 8213-2222 T: 020 8213-222 E: enquiry.gb@ifm.com



BEARINGS, UNITS & HOUSINGS

Acorn Industrial Services Ltd

E: enquiries@acorn-ind.co.uk T: 0800 8766 441 W: www.acorn-ind.co.uk



CABLES/POWER SUPPLIES

ifm electronic Ltd

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



CLEANING & HYGIENE

Jeros UK Ltd

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

39 Hedley Rd, 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

CONDITION MONITORING

ifm electronic Ltd

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



CONDUCTIVITY SENSORS

ifm electronic Ltd

Oldfield Road, Hamptor 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, Corb Northants, NN18 8TJ T: 01536 460766 PILZ E: sales@pilz.co.uk www.pilz.co.uk



CONTROL SOFTWARE

ifm electronic Ltd

Ifm electronic Luc 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, Corb Northants, NN18 8TJ E: sales@pilz.co.uk www.pilz.co.uk



CONVEYORS - BELT



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

CONVEYORS - ROLLER



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

www.ckf.co.uk

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 INTERROLL

COUPLINGS & DRIVES

Acorn Industrial

E: enquiries@acorn-ind.co.uk T: 0800 8766 441 W: www.acorn-ind.co.uk



CYLINDER SENSORS/ENCODERS

ifm electronic Ltd

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



SICK (UK) ITD

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

ifm electronic Ltd

Oldfield Road, Hamptor 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, Corl 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, Co Northants, NN18 8TJ T: 01536 460766

E: sales@pilz.co.uk www.pilz.co.uk



DRUM MOTORS

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



ENCODERS

ifm electronic Ltd

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



SICK (UK) LTD

SICK (UK) LTD
Waldkirch House, 39 Hedley Rd,
Sensor Intellige
T: 01727 831121 F: 01727 856767
E: info@sick.co.uk www.sick.co.uk

EX-HAZARDOUS AREA EQUIPMENT



ELECTRIC

■ Technor

Samti-wadrice cedex
11 : +33 (0) 1 45 11 60 00
E: contact@marechal.com
www.marechal.com

FIELD BUS SYSTEMS

ifm electronic Ltd

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



PILZ Automation Technology

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

FLOW 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

HUMAN MACHINE INTERFACE

PILZ Automation Technology

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

INDUCTIVE SENSORS

ifm electronic Ltd

Oldfield Road, Hamptor 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 AUTOMATION



E: sales.uk@Lenze.com www.Lenze.com

IO-LINK

ifm electronic Ltd

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



LEVEL 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) ITD

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 MOTION & AUTOMATION

Acorn Industrial Services Ltd

E: enquiries@acorn-ind.co.uk T: 0800 8766 441 W: www.acorn-ind.co.uk



LINEAR MOTORS

Ouin 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, Hamptor Middlesex TW12 2HD T: 020 8213-2222 E: enquiry.gb@ifm.com www.ifm.com/uk



SICK (UK) LTD

Waldkirch House, 39 Hedley Rd, Sensor Intellige
St Albans, Herts AL1 5BN
T: 01727 831121 F: 01727 856767
E: info@cirk co.uk E: info@sick.co.uk www.sick.co.uk

MACHINE KNIVES & PUNCHES



Technik PUNCHES & STS CUTTERS

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

MAGNETIC SENSORS

ifm electronic Ltd

Oldfield Road, Hamptor Middlesex TW12 2HD T: 020 8213-2222 E: enquiry.gb@ifm.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.ul

MOTION CONTROL

ifm electronic Ltd

Middlesex TW12 2HD : 020 8213-222



Lenze T: 01234 753200 F: sales.uk@Lenze.com

Quin Systems Ltd Oaklands Park, Wokingham, RG41 2FD T: 0118 977 1077



www.Lenze.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

MOTORISED DRUMS

Interroll Ltd

Orion Way, Kettering, Northants, NN15 6NI INTERROLL Northants, NNT3 binl. General Enquiries: gb.sales@interroll.com Service Enquiries: uk.service@interroll.com T: 01536 312770 www.interroll.co.uk

PHOTOCELLS/ **DISTANCE MEASUREMENTS**

ifm electronic Ltd

Oldfield Road, Hampto 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

ifm electronic Ltd

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



SICK (UK) LTD

39 Hedley Rd, 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

PIPEWORK/DUCTING

JACOB (UK) LTD JAC F: sales@iacob-uk.com www.jacob-uk.com



PNEUMATIC CONTROL EQUIPMENT

IACOB (UK) LTD

T: 01694 722841 E: sales@jacob-uk.com



POWER TRANSMISSION

Acorn Industrial Services Ltd

E: enquiries@acorn-ind.co.uk T: 0800 8766 441 W: www.acorn-ind.co.uk



PRESSURE SENSORS

ifm electronic Ltd

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



SICK (UK) LTD

SICK Waldkirch House, 39 Hedley Rd, St Albans, Herts AL1 5BN T: 01727 831121 F: 01727 856767

PROCESS CONTROL SYSTEMS

PILZ Automation Technology

E: info@sick.co.uk www.sick.co.uk

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

PILZ

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

PILZ Automation Technology

Pilz House, Little Colliers Field, Corb Northants, NN18 8TJ T: 01536 460766

E: sales@pilz.co.uk www.pilz.co.uk

REGISTRATION MARK SCANNERS

ifm electronic Ltd

Oldfield Road, Hamptor 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

RFID/DATA MATRIX

ifm electronic Ltd

Oldfield Road, Hamptor 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

A Barry-Wehmilter Packaging Company
Doncaster, Yorkshire DN11 8EW
T: 01302 711056 E: sales@bwintegratedsystems.com www.bwintegratedsystems.com



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

PILZ

SAFETY LIGHT CURTAINS

ifm electronic Ltd

Oldfield Road, Hamptor Middlesex TW12 2HD T: 020 8213-2222 E: enquiry.gb@ifm.com



PILZ Automation Technology

Pilz House, Little Colliers Field, Con 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 Al.1 5BN
T: 01727 831121 F: 01727 856767
E: info@sick.co.uk E: info@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

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, Corb Northants, NN18 8TJ PILZ T: 01536 460766 E: sales@pilz.co.uk www.pilz.co.uk

SICK (UK) ITD

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



TEMPERATURE SENSORS

ifm electronic Ltd

Oldfield Road, Hampto 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.ul

TIME OF FLIGHT SENSORS

ifm electronic Ltd

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



ULTRASONIC SENSORS

ifm electronic Ltd

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

VALVE FEEDBACK

ifm electronic Ltd

ावााशव Koad, Hampton Middlesex TW12 2HD T: 020 8213-2222 E: enquiry.gb@ifm.com www.ifm.com/uk



VISION 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

Processing Equipment

■ 020 8773 5505 **■** david.chadd@ppma.co.uk

Waldkirch House, 39 Hedley Rd, St Albans, Herts AL1 5BN T: 01727 831121 F: 01727 856767 info@sick.co.uk www.sick.co.ul

MACHINERY FINDER

To advertise contact David Chadd

AUTOCLAVES & STERILISERS





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

BAKERY PROCESS EQUIPMENT

Baker Perkins

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



Unit 2. Hatch Industrial Park. Unit 2, Hatch Industrial Fars, Greywell Road, Mapledurwell, Hampshire RC24 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 www.flexlink.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

BAKING

Reiser UK Ltd The Reiser Building,

REISER

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

BISCUIT PROCESSING EQUIPMENT

Baker Perkins

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

BLENDING



T: +44 (0)1260 272894 E: sales@irboo: www.jrboone.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

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 (

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 Acorn Business Park, Stockport, Cheshire, SK4 1AS T: 0161 209 4810

E: ckb@coperionktron.com coperion www.coperion.com



Unit 2, Hatch Industrial Park, Unit 2, Hatch Industria rark, Greywell Road, Mapledurwell, Hampshire RC24 7NG T: +44 (0)1256 474 547 E: enquiries@farleygreene.com

www.jacob-uk.com

JACOB (UK) LTD JACO E: sales@jacob-uk.com

piab Oaks Ind. Est., Festival Drive, **piab**

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

<u>Ril</u>ey Automation

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

Weber Packaging Solutions Weber

Macmerry Industrial Estate, Tranent, East Lothian, EH33 1HD T: 01875 611 111 F: 01875 613 310

COATING MACHINES

Valco Melton UK

Hortonwood 32, Telford TF1 7YN

VALCO MELTON T: 01952 677911 F: 01952 677945 E: uk@valcomelton.com www.valcomelton.com

CONFECTIONERY PROCESS EOUIPMENT

Baker Perkins

Manor Drive, Peterborough, PE4 7AP 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

CONVEYORS



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

Grote Company

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

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



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

CONVEYORS-UV

lenAct

T: +44 (0)1256 892194 F: ienact@ienton.co.uk www.ienact.co.uk

JenAct**U**V

COOKING KETTLES



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

COSMETIC & TOILETRY PROCESSING EQUIPMENT



9 (1) T: 01780 749097 E: sales@holmach.co.uk www.holmach.co.uk

DAIRY EQUIPMENT

FlexLink Systems Limited

Milton Keynes, MK14 5BN T: 01908 327200

E: info.uk@flexlink.com FLEXLINK

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



T: 01484 715111 E: info@yps.co.uk W: www.yps.co.uk

Prince of Wales Works, Armytage Road, Brighouse, West Yorkshire HD6 1QF

DESPOSITORS LIQUIDS/SOLIDS

Baker Perkins (

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

Grote Company

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 01484 533356



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

Nelson, Lancs BB9 0HU riggs uppock T: 01282 440040 E: info@riggs: www.riggsautopack.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

SP Filling Systems Ltd Unit 28, Ddole Industrial Estate, Llandrindod Wells, Powys LD1 6DF T: 01597 824918 F: 01597 822553

DRUM EMPTYING

TAWI Unit G, Pentagon Park, Lodge Farm, Northampton, NN5 7UW T: 01604 591120

E: sales@sp-filling.co.uk www.sp-filling.co.uk

E: eh.uk.sales@piab.com www.tawi.com

DRUM FILLING

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

DRUM HANDLING

Packline Materials Handli

T: 01202 307700 E: info@packline.co.uk www.nackline.co.uk

EXTRUSION

Baker Perkins (

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

Reiser UK Ltd The Reiser Building

REISER 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 1XO 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



Karmelle Ltd

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





By Precision Automation J 01795 551 500 PRECISIONAUTOMATION.CO.UK/PPMA

Riggs Autopack Ltd BB9 0HU Nelson, Lancs BB9 T: 01282 440040

E: info@riggsautopack.co.uk www.riggsautopack.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

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

FILTRATION EQUIPMENT



Sullivan House, Fenton Way, Laindon Essex, SS15 6TD, UK

T: +44 (0)1268 410 666 E: dh@dhi.co.uk - www.dhi.co.uk

FOOD PROCESSING EQUIPMENT

A twell

self-adhesive Labellers T: 01444 239970 : sales@atwell-labellers.co.uk www.labeller.co.uk

Unit 2, Hatch Industrial Park, Greywell Road, Mapledurwell,



Grote Company

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



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

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

Nelson, Lancs BB9 0HU T: 01282 440040

E: info@riggsautopack.co.uk www.riggsautopack.co.uk

HEAT EXCHANGERS



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

+44 1480 400684

ukireland@proxes.com : www.proxes.com FrymaKoruma

HIGH PRESSURE PROCESSING **EOUIPMENT (HPP)**



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

HOMOGENISATION

Silverson Machines Ltd

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

MEAT PROCESSING EQUIPMENT

A twell

self-adhesive Labellers T: 01444 239970 1: 01444-239970 E: sales@atwell-labellers.co.uk www.labeller.co.uk

CME Ltd

Combe St Nicholas, Somerset, TA20 3NL T: 01460 269500 E: cme@cme-ltd.com www.cme-ltd.com CME

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 & GROOMING

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

MIXING MACHINES



T: +44 (0)1260 272894 E: sales@jrboone.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

MIXING VESSELS

Adelphi Group

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



D.H. INDUSTRIES Sullivan House, Fenton Way, Laindon, Essex, SS15 6TD, UK T. +44 (0)1288 410 666 E: dh@dhi.co.uk - www.dhi.co.uk D.H. INDUSTRIES LIMITED

OVENS

Baker Perkins

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

PASTA COOKERS





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

PASTEURISERS

: Holmach Ltd



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

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

PHARMACEUTICAL PROCESSING

Combe St Nicholas, Somerset, TA20 3NL



Coperion K-Tron GB

4 Acorn Business Park, Stockport, Cheshire, SK4 1AS T: 0161 209 4810



farleygreene T: +44 (0)1256 474 547 E: enquiries@farleygreene.com

GGRIPPLE

info@grippleautomation.com www.grippleautomation.com

T: 0114 5536250

Packline Materials Ha

www.packline.co.uk

PIZZA EQUIPMENT

Wrexham, LL13 7YP
www.grotecompany.com
E: sales@grotecompany.com

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

piab Oaks Ind. Est., Festival Drive, **piab** Loughborough, LE11 5XN T: 01509 857010 F: 01509 857011

ROASTERS



T: 01780 749097 E: sales@holmach.co.uk

SANDWICH PREPARATION

Grote Company

Wrexham, L113 7YP
www.grotecompany.com
E: sales@grotecompany.com

Reiser UK Ltd Reiser The Reiser Building,

SAUSAGE PRODUCTION

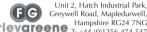
Reiser UK Ltd

www.cme-ltd.com

T: 01460 269500 E: cme@cme-ltd.com



E: ckb@coperionktron.com coperion www.coperion.com





T: 01202 307700 E: info@packline.co.uk

Grote Company

T: 01978 362243 F: 01978 362255

Reiser UK Ltd

PUMPS VACUUM

E: info-uk@piab.com www.piab.com





EOUIPMENT



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

EQUIPMENT

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



SLICING & DICING

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

SMOKE OVENS

Reiser UK Ltd REISER The Reiser Building, Maidstone Rd, Kingston, Milton Keynes, MK10 0BD T: 01908 585300 F: 01908 585400

SNACK PROCESS EQUIPMENT

Baker Perkins

Manor Drive, Peterborough, PE4 7AP
T: 444 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

SORTING EQUIPMENT

GGRIPPLE **AUTOMATION**

info@grippleautomation.com T: 0114 5536250

Scorpion Vision Ltd 118 Gore Road, New Hampshire BH25 6SJ T: 01590 679333 E: sales@scorpion.vision www.scorpionvision.co.uk



SPECIAL PURPOSE MACHINES

G GRIPPLE AUTOMATION

info@grippleautomation.com

T: 0114 5536250

SPICE & HERB STERILISATION



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

STERILISING TUNNELS

T: +44 (0)1256 892194 E: ienact@ienton.co.uk

www.ienact.co.uk

JenAct**UV**

TABLETTING & TABLET COUNTING

Tekpak Automation (UK Sales) Tekpak

PACKED WITH EXPERTISE WWW.tekpak.co.uk

All Equipment Manufactured in Ireland

UV DISINFECTION

Jenton Ariana

T: +44 (0)1256 892194 E: sales@jenton.co.uk

www.ientonariana.co.uk

JENTON ariana

VACUUM PROCESS VESSELS





T: 01780 749097 E: sales@holmach.co.uk

VISCOSITY CONTROLS

Jenton International Ltd

T: +44 (0)1256 892194 F: sales@ienton.co.uk www.ienton.co.uk



X-RAY INSPECTION

Anritsu Product Inspection & Detection Unit 3, Scott Road, Luton, LU3 3BF, UK /Inritsu

T: +44 (0)845 539 9729

Fortress Technology (Europe) Ltd
Banbury, Oxon, OX16 1RH
T: 01295 256266

E: Sales-UK@fortresstechnology.com www.fortresstechnology.co.uk

Ishida Europe Ltd Kettles Wood Drive, Woodgate Business Park, Birmingham B32 3DB T: 0121 607 77606

E: info@ishidaeurope.com www.ishidaeurope.com

Sealpac UK Ltd SEALPAC LK 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

F: info@ckf.co.uk

FISCHBEIN

TAWI

AUTO PACK

FISCHBEIN

www.ckf.co.uk

MACHINERY FINDER

To advertise contact David Chadd

Packaging Machinery 020 8773 5505 🖪 david.chadd@ppma.co.uk

Fischbein

Tel.: +44 208 344 6600

www.fischbein.com

Email: salesuk@fischbein.com

STATEC BINDER GmbH

www.statec-binder.com

TAWI UK

BAG SEALERS

Autopack Ltd

Fischbein

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

Email: salesuk@fischbein.com

Jenton International Ltd

Industriestrasse 32, 8200 Gleisdorf, Austria. T: +43 3112 38580-0 E: office@statec-binder.com

Unit G, Pentagon Park, Lodge Farm, Northampton, NN5 7UW T: 01604 591120

E: eh.uk.sales@piab.com www.tawi.com

E: sales@rmgroupuk.com

igluetech® Glueing Technology

Melksham, Wiltshire SN12 6TT T: 01225 783456

ADHESIVE APPLICATORS

E: general@igluetech.co.uk www.igluetech.co.uk

Nordson (U.K.) Ltd.

Unit 14, Apex Business Centre, Boscombe Road, Dunstable, Bedfordshire LU5 4SB T: 01582 691 900

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 VALCO MELTON

T: 01952 677911 E: 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

AEROSOL & SPRAY EQUIPMENT



D.H. INDUSTRIES LIMITED Sullivan House, Fenton Way, Laindon, Essex, SS15 6TD, UK T: +44 (0)1268 410 666

AIR RINSERS

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





T: 01780 749097 E: sales@holmach.co.uk

Propack Automation Machinery Ltd 10 Hill Wootton Rd, Leek Wootton, Warwicks, CV35 7C T: 02476 470074

E: office@propack.co.uk www.propack.co.uk

AUTOMATIC GUIDED VEHICLES



Scott Automation Ltd (Alvey)

T: +44 1384 210 278

E: info@scottautomation.co.uk www.scottautomation.co.uk



BAGGING EOUIPMENT

Concetti

CONCETTI

M: +44 7776 148129 t.mitford@concetti.com W: www.concetti.com



Bradman Lake Group **Integrated Packaging Technology**

T: +44 (0)1502 470 500 E: sales@bradmanlake.com From Process to Pallet www.bradmanlake.com



www.fischbein.com

www.bwflexiblesystems.com

Fischbein **FISCHBEIN** Tel.: +44 208 344 6600 Email: salesuk@fischbein.com

GIC – Manufacturers of Packaging Machinery Alpha Works, Sandars Road, Heapham Road Industrial Estate, Gainsborough DN21 1RZ T: 01427 611885 E: sales@gic.uk.net www.gic.uk.net

Uxbridge, Middlesex Regular Sylvania Silvania Si Ilapak Ltd

T: 020 8797 2000 E: sales@ilapak.co.uk www.ilapak.com

Shemesh Automation UK Ltd

STATEC BINDER GmbH E: office@statec-binder.com www.statec-binder.com

BAG PALLETISERS



T: 01282 601444 E: sales@adpak.co.uk www.adpakmachinerysystems

Jenton International Ltd

T: +44 (0)1256 892194 F: sales@ienton.co.uk www.jenton.co.uk



OPTIMA Packaging Machinery PLC

Chapman Way, Hethel Hethel Engineering Centre
E: info-uk@optima-packaging.com
www.optima-packaging.co.uk

OPTIMA



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, Calehouse Close, Aylesbury, Bucks HP19 8DP T: 01296 310490 F: 01296 483440 E: sales@rovema.co.uk www.rovema.com

Sealpac UK Ltd SEALPAC LIK 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

Berkeley Square, Mayfair, London W1J 6DB T: +44 207 887 6004 E: SA@shemeshautomation.com www.shemeshautomation.com

Industriestrasse 32, 8200 Gleisdorf, Austria. T: +43 3112 38580-0

SB -::::-

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

Tel.: +44 208 344 6600

www.fischbein.com



RM Sealers Ltd

www.rmsealers.co.ul

Valley Farm, Dagnall, Herts HP4 1QR T: 01442 843387 E: enquiries@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

VALCO MELTON 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.ienton.co.uk



Marden Edwards Shrinkwrap

Wimborne, Dorset BH21 75H
T: 01202 861200
E: info@meshrinkwrap.com www.meshrinkwrap.com



Sollas UK Ltd
Hampshire RG28 7BB T: 01256 896930



www.sollas.com

BAR CODE READER VERIFICATION-OCR



self-adhesive Labellers T: 01444 239970

sales@atwell-labellers.co.uk www.labeller.co.uk



Bytronic Birmingham, B60 1BL T: +44 (0)1564 793174 E: hello@bytronic.com www.bvtronic.com

Jenton Dimaco

T: +44 (0)1234 851515 F. sales@dimaco vision www.dimaco.co.uk



₽ LOGOPAK

www.logopak.co.uk T: 01904 692333

Waldkirch House, 39 Hedley Rd, Sensor Intellige St Albans, Herts AL1 5BN T: 01727 831121 F: 01727 856767 E: info@sick.co.uk E: info@sick.co.uk www.sick.co.uk

Valco Melton UK

VALCO MELTON

Telford TF1 7YN
T: 01952 677911 F: 01952 677945 E: uk@valcomelton.com www.valcomelton.com

BAR CODE SYSTEMS

ALS Advanced Labelling Systems Limits

Systems Limited

Unit B, Bandet Way, Thame, Oxon, OX9 3SJ T: 01844 213177 www.als-uk.com

Cobalt Systems Ltd COBALT Cobalt House, Arden Square, Electra Way, Crewe, CW1 6HA S Y S T E N

T: 01270 539800 E: sales@cobaltis.co.uk www.cobaltis.co.uk

_euze The Sensor People

01480 408500 mail@leuze.co.uk www.leuze.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

BESPOKE MACHINER BUILDER



self-adhesive Labellers T. 01444 239970

: sales@atwell-labellers.co.uk www.labeller.co.uk



info@grippleautomation.com www.grippleautomation.com

T: 0114 5536250

BLISTER PACKS

Marchesini (TMG) UK Ltd

Leighton Buzzard, Beds LU7 4UH
T: 01525 216201 F: 01525 216200



E: sales@marchesini.co.uk www.marchesini.com

BLOW MOULDERS

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

BOX MAKING MACHINERY



T: +44 (0)1767 316422 F: sales@endoline-automation.com



WestRock

WESTROUK
Unit 3 Malory Road, Beacon Park, Gorleston,
Great Yarmouth, NR31 7DT, UK T: 01493 257070
E: aps.uk@westrock.com/automation-uk

CAN FILLING EQUIPMENT

All-Fill International Ltd

5 Gateshead Close, Sunderland Rd, All-Fill Sandy, Bedfordshire SG19 1RS T: 01767 691100 : info@allfill.co.uk www.allfill.co.uk

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

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

Shemesh Automation UK Ltd

Berkeley Square, Mayfair, London W1J 6DB T: +44 207 887 6004 E: SA@shemeshautomation.com www.shemeshautomation.com

Sidel UK Ltd

Silver Court Watchmead, 3, Sidel Welwyn Garden City, AL7 1LT T: 01707 292820 E: enquiries.uk@sidel.com www.sidel.com

CAPPERS

Adelphi Group
Road, Haywards Heath, Mill Green Road, Haywa 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 лло@auto-pack.co.uk vw.auto-pack.co.uk



Monument Business Park, Cap Coder Cap Coder Ltd

Chalgrove, Oxford, OX44 7RW
T: 01865 891466
E: sales@capcoder.com www.capcoder.com

Capmatic Europa Ltd

T: UK +44 121 630 2052 / IE +353 188 31 695 CAPMATIC F: sales@capmatic.com www.capmatic.com FUROPA





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

Karmelle Ltd

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



E: info-uk@optima-packaging.com OPTIMA



By Precision Automation

Propack Automation Machinery Ltd

10 Hill Wootton Rd, Leek Wootton, Wa T: 02476 470074

E: office@propack.co.uk www.propack.co.uk

Shemesh Automation UK Ltd

Berkeley Square, Mayfair, SHEMISH AUTO London W1J 6DB T: +44 207 887 6004 E: SA@shemeshautomation.com www.shemeshautomation.com

SP Filling Systems Ltd Unit 28, Ddole Industrial Estate,

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

CAPSULATORS

Evolution BPS T: 01721 724296

evolution

E: sales@evolutionbps.co.uk

www.evolutionbps.co.uk

CARTONING MACHINES (CARTON BOARD)



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

CARTONING SYSTEMS



T: +31 (0)348 410 999 E: sales@blueprintautomation.nl www.blueprintautomation.com



Bradman Lake Group **Integrated Packaging Technology**

T: +44 (0)1502 470 500 E: sales@bradmanlake.com From Process to Pallet www.bradmanlake.com

CAMA 3 Ltd

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.c cama

CME Ltd

Combe St Nicholas, Somerset, TA20 3NL T: 01460 269500 E: cme@cme-ltd.com

ww.cme-ltd.com

ETPACK SPRINTER UK LTD

T: 01635 905090 E: dianne@et-pack.com www.et-pack.com



CME

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 Jacob White
www.jacobwhite.com UMMTED



Gypsy Lane, Keynsham, Bristol BS31 2ED T: 0117 986 5417 www.keymac.co.uk E: sales@keymac.co.uk

Kliklok International Ltd

Western Drive, Bristol BS14 0AY E: Jason.Godwin@syntegon.com T: 01275 557639 www.syntegon.com

Mpac Langen

+31 24 648 66 55 sales.emea@mpac-group.com www.mpac-group.com



G

28b Burnett Business Park,

Marchesini (TMG) UK Ltd

Unit M3 & 4, Cherrycourt Way, Leighton Buzzard, Beds LU7 4UH T: 01525 216201 F: 01525 216200

OPTIMA Packaging Machinery PLC Chapman Way, Hethel, Norwich NR 14 8FB

Hethel Engineering Center
E: info-uk@optima-packaging.com OPTIMA Hethel Engineering Centre

Propack Automation Machinery Ltd

BAUDAGE

105 Newdigate Road, Nottingham, NG16 1HN T: 0115 875 9846 F: contact@raupack.co.uk_www.raupack.co.uk

Rovema Packaging Machines Ltd

8 Merlin Centre, Galehouse Close, Aylesbury, Bucks HP19 8DP T: 01296 310490 F: 01296 483440 E: sales@rovema.co.uk

Tekpak Automation (UK Sales) Tekpak

sales@tekpak.co.uk

PACKED WITH EXPERTISE Www.tekpak.co.uk

All Equipment Manufactured in Ireland

CASE ERECTING/FILLING/SEALING



T: 01282 601444 E: sales@adpak.co.uk www.adpakmachinerysystemsltd.co.uk

Aetna UK Limited

Oakley, Bedford, MK43 7TA T: 01234 825050

ROBOPAC Innovation driven by value E: sales.uk@robopac.com www.aetnagroup.co.uk



T: +31 (0)348 410 999 E: sales@blueprintautomation.nl www.blueprintautomation.com



Bradman Lake Group Integrated Packaging Technology

T: +44 (0)1502 470 500 E: sales@bradmanlake.com From Process to Pallet www.bradmanlake.com

CAMA 3 Ltd Suite 44, Berkeley House, Hunts Rise, South Marston Park, Swindon, Wilts, SN3 4TG T: 01793 831111 F: 01793 831481 cama E: cama3@camagroup.com www.camagroup.com



F: info@ckf.co.uk www.ckf.co.uk

(endoline T: +44 (0)1767 316422 E: sales@endoline-automation.com

www.endoline-automation.com

ETT UK Limited Beccles, Suffolk, NR34 7TD T: 01502 470812

E: geoff@ett-uk.com

IXAPACK

www.ett-uk.com

iXAPACK GLOBAL

T: +33 549 820 580 E: info@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 Jacob White www.jacobwhite.com

Kensal Handling Systems
Kensal House, President Way,
Luton, LU2 9NR

Kensal House, President Way, T: +44 (0) 1 582 425 777 F: +44 (0) 1 582 425 776 E: sales@kensal.com www.kensal.com

Propack Automation Machinery Ltd 10 Hill Wootton Rd, Leek Wootton, War 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

Shemesh Automation UK Ltd

Berkeley Square, Mayfair, London W1J 6DB T: +44 207 887 6004 E: SA@shemeshautomation.com www.shemeshautomation.com



www.optima-packaging.co.uk

10 Hill Wootton Rd, Leek Wootton, Warwicks, ĆV35 7QL T: 02476 470074

E: office@propack.co.uk www.propack.co.uk









PRECISIONAUTOMATION.CO.UK/PPMA



Siat.co.uk

PACKAGING MACHINES

Unit 3 Malory Road,
Beacon Park, Gorleston,
Great Yarmouth,
NR31 7DT

T: 01493 257070 F: info@siat.co.uk www.siat.co.uk

Sidel UK Ltd

Silver Court Watchmead, 3, Welvyn Garden City, AL7 1LT T: 01707 292820

E: enquiries.uk@sidel.com www.sidel.com



SOCO SYSTEM (UK) Ltd
Unit 18, Palmerston Street, Hanley,
SYSTEM T: 01782 274100 . F: 01782 272696
E: Info@socosystem.co.uk
www.socosystem.co.uk

Tekpak

PACKED WITH EXPERTISE Www.tekpak.co.uk

All Equipment Manufactured in Ireland



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-ul

CASE ERECTING/LOADING/ SEALING/CLOSING



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-u

CASE LINING/FILLING/CLOSING



T: +31 (0)348 410 999 E: sales@blueprintautomation.nl www.blueprintautomation.com



T: +44 (0)1767 316422 E: sales@endoline-automation.com www.endoline-automation.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-u

CASE PACKERS AUTOMATIC



T: +31 (0)348 410 999 E: sales@blueprintautomation.nl www.blueprintautomation.com



Bradman Lake Group Integrated Packaging Technology

T: +44 (0)1502 470 500 E: sales@bradmanlake.com From Process to Pallet www.bradmanlake.com



BW Integrated Systems

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

CAMA 3 Ltd

<u>cama</u> Suite 44, Berkeley House, Hunts Rise, South Marston Park, Swindon, Wilts, SN3 4TG T: 01793 831111 F: 01793 831481



T: 01452 728753 F: info@ckf co.uk

www.ckf.co.uk



T: +44 (0)1767 316422 E: sales@endoline-automation.com www.endoline-automation.com

FTPACK SPRINTER UK ITD

NEWBURY, BERKS, RG14 5SJ T: 01635 905090 E: dianne@et-pack.com www.et-pack.com



ETT UK Limited

www.ett-uk.com

Beccles, Suffolk, NR34 7TD T: 01502 470812 E: geoff@ett-uk.com





Jacob White Packaging Ltd Riverside Way, Dartford, Kent DA1 5BY T: 01322 272531 F: 01322 270692 E: enquiries@jacobwhite.com Jacob White www.iacobwhite.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

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

Marchesini (TMG) UK Ltd Unit M3 & 4, Cherrycourt Way, Leighton Buzzard, Beds LU7 4UH

MARCHESIN T: 01525 216201 F: 01525 216200 E: sales@marchesini.co.uk www.marchesini.com

Mpac Langen

24 648 66 55 sales.emea@mpac-group.com www.mpac-group.com



C

Harkstead Hall Barn, Ipswich, Suffolk IP9 1DB Wordschappuplemera Guit T: 01473 893990 www.penn-packaging.co.uk E: email@penn-packaging.co.uk

Quin Systems Ltd

Wokingham, RG41 2FD T: 0118 977 1077
E: sales@quin.co.uk www.quin.co.uk





T: +44(0)1686 621704

Rovema Packaging Machines Ltd

8 Merlin Centre, Gâtehôuse Close, Aylesbury, Bucks HP19 8DP 1: 01296 310490 F: 01296 483440 E: sales@rovema.co.uk www.rovema.com

Shemesh Automation UK Ltd

Berkeley Square, Mayfair, London W1J 6DB T: +44 207 887 6004 F: SA@shemeshautomation.com www.shemeshautomation.com



NR31 7DT

T: 01493 257070 E: info@siat.co.uk www.siat.co.uk

Silver Court Watchmead, 3, Welwyn Garden City, AL7 1LT

E: enquiries.uk@sidel.com www.sidel.com

Tekpak Automation (UK Sales)



C +44 (0)113 350 5694 ■ sales@tekpak.co.uk ⊕ www.tekpak.co.uk

All Equipment Manufactured in Ireland



WestRock

Westkock 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



T: 01282 601444 E: sales@adpak.co.uk www.adpakmachinerysystemsltd.co.uk

Aetna UK Limited

Oakley, Bedford, ROBOPAC * MK43 7TA T: 01234 825050
E: sales.uk@robopac.com www.aetnagroup.co.uk

PPa T: +31 (0)348 410 999 E: sales@blueprintautomation.nl



T: +44 (0)1767 316422 E: sales@endoline-automation.com www.endoline-automation.com

Nordson (U.K.) Ltd.

www.blueprintautomation.com

Unit 14, Apex Business Centre, Bo Dunstable, Bedfordshire LU5 4SB T: 01582 691 900 Boscombe Road. E: sales@uk.nordson.com c: saies@uk.nordson.com www.nordson.co.uk/adhesives **\ Nordson**



Unit 3 Malory Road, Beacon Park, Gorleston, Great Yarmouth, NR31 7DT

T: 01493 257070 E: info@siat.co.uk www.siat.co.uk

CHECKWEIGHER METAL DETECTOR COMBIUNITS

Anritsu Product Inspection & Detection LU3 3BF, UK
T: 444 (0)845 539 9729
Www and the control of the cont

Fortress Technology (Europe) Ltd
Banbury, Oxon, OX16 1RH
T: 01295 256266 E: Sales-UK@fortresstechnology.com www.fortresstechnology.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

Sparc Systems Ltd

Malvern, Worcestershire, WR13 6NP T: 01684 310000 E: sales@sparc-systems.co.uk Sparc

CHECKWEIGHERS

Anritsu Product Inspection & Detection Jnit 3. Scott Road, Luton /Inritsu LU3 3BE UK +44 (0)845 539 9729

www.anritsu.com/infivis

Fortress Technology (Europe) Ltd Banbury, Oxon, OX16 1RH T: 01295 256266 **FØRTRESS** E: Sales-UK@fortresstechnology.com www.fortresstechnology.co.uk

Ishida Europe Ltd Xettles Wood Drive, Woodgate Business Park, Birmingham B32 3DB T: 0121 607 7700 F: 0121 607 7666 E: info@ishidaeurope.com www.ishidaeurope.com

MDS

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

REISER 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 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 1: 01684 310000 E: sales@sparc-systems.co.uk SparC

www.sparc-systems.co.uk

Yamato Leeds, LS11 5AL T: 0113 322 1546 E: sales1@yamatoscale.co.uk

www.yamatoscale.co.uk

CHECKWEIGHERS - COMBINATION

Anritsu Product Inspection & Detection Unit 3, Scott Road, Luton /inritsu LU3 3BF, UK T: +44 (0)845 539 9729 www.anritsu.com/infivis



iXAPACK GLOBAL T: +33 549 820 580

E: info@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

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

CODING & MARKING

ALS Advanced Labelling
Systems Limited

Unit B, Bandet Way, Thame, Oxon, OX9 3SJ T: 01844 213177 www.als-uk.com

ATD Marking Systems

Marley House, The Mill, Great Bowden Road,
Market Harborough, Leicestershire, LE16 7DE
T. 01858 461014 F: 01858 436900
marking E: mail@atduk.com www.atduk.com



A twell

self-adhesive Labellers T: 01444 239970 : sales@atwell-labellers.co.uk www.labeller.co.uk

Clearmark Solutions (ICE)

Nottingham NG15 0DP T: 01159 640144 E: enquiries@uk.interactivecoding.com www.clearmark.uk



Domino UK Ltd

CB23 8TU T: 01954 782551 E: enquiries@domino-uk.com www.domino-uk.com



T: 01727 84668 E: techsales@edding.co.uk www.edding.tech/en

Linx Printing Technologies Ltd St. Ives, PE27 5JL

LINXT: 01480 302661 E: uksales@linx.co.uk

Rotech Machines Limited Hertfordshire AL7 1AJ T: +44 (0) 1707 393700





www.t-mark.co.uk email: sales@t-mark.co.uk call: 0870 803 1877 T-MARK®

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 **CODING MANAGEMENT SOFTWARE**

Barton-Upon-Humber Olmec DN18 5RL quality through innovation T: 01652 631960

F: sales@olmec-uk.com www.olmec-uk.com **COLLATING EQUIPMENT**

CME Ltd

Combe St Nicholas, Somerset, TA20 3NL T: 01460 269500 E: cme@cme-ltd.com www.cme-ltd.com

Olmec-UK Ltd



Barton-Upon-Humber Olmec DN18 5RL quality through innovation T: 01652 631960 quality through innovation E: sales@olmec-uk.com www.olmec-uk.com **CONFECTIONERY WRAPPING**

MACHINES CMF Ltd

Combe St Nicholas, Somerset, TA20 3NL T: 01460 269500 F: cme@cme-ltd.com www.cme-ltd.com



T: 01252 815252

Paramount PARAMOUNT **Packaging Systems** \odot = \Box \Box E: fuji@paramount-packaging.co.uk www.paramount-packaging.co.uk

CONTRACT LABELLING



MDS

(Peia

Advanced Labelling Systems Limited

Unit B, Bandet Way, Thame, Oxon, OX9 3SJ T: 01844 213177 www.als-uk.com





Premier Labellers

ufactured Labelling Machiner T: 01255 553822 E: sales@premierlabellers.co.uk www.premierlabellers.co.uk

CONVERGERS

A twell self-adhesive Labellers

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

JENTON ariana

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

CONVEYORS

Advance Automated Systems Ltd

advance T: 01325 328930 E: sales@advanceautomation.co.uk www.advanceautomation.co.uk

3 Pendle Place, Skelmersdale, Lancashire WN8 9PN T: 01695 558615 E: info@blackstarhandlingsystems.com www.blackstarhandlingsystems.com

BW Integrated Systems

A Barry-Wehmiller Packaging Company
Doncaster, Yorkshire DN11 8EW
T: 01302 711056 E: sales@bwintegratedsystems.com www.bwintegratedsystems.com

Cap Coder Ltd
Monument Business Park, Cap Coder
Chalgrove, Oxford, OX44 7RW
T: 01865 891466
E: sales@capcoder.com www.capcoder.com



FlexLink Systems Limited

Milton Keynes, MK14 5BN T: 01908 327200

E: info.uk@flexlink.com FLEXLINK

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 INTERROLL

Kensal Handling Systems
Kensal House, President Way,
Luton, LU2 9NR
Kensal

+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, **piab** 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

SCM T: 01823 431838 F: 01823 430806 E: sales@scmhandling.com www.scmhandling.com

Shemesh Automation UK Ltd

Berkeley Square, Mayfair, London W1J 6DB T: +44 207 887 6004 E: SA@shemeshautomation.com www.shemeshautomation.com

Weber Packaging Solutions Weber Macmerry Industrial Estate

Tranent, East Lothian, EH33 1HD T: 01875 611 111 F: 01875 613 310 F: sales@weber.co.uk_www.weber.co.uk

CONVEYORS - BELT BANDS

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 INTERROLL **CONVEYORS - PALLET**



T: 01452 728753 F: info@ckf.co.uk www.ckf.co.uk

Kensal Handling Systems
Kensal House, President Way,
Luton, LU2 9NR

Kensal House, President Way,

T: +44 (0) 1 582 425 777 F: +44 (0) 1 582 425 776 E: sales@kensal.com www.kensal.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 INTERROLL



T: +44(0)1686 621704

Scott Automation Ltd (Alvey)

T: +44 1384 210 278 E: info@scottautomation.co.uk

www.scottautomation.co.uk

CONVEYORS - POWERED ROLLER



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

Cendoline

T: +44 (0)1767 316422 E: sales@endoline-automation.com www.endoline-automation.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 INTERROLL

COUNTING MACHINERY

Capmatic Europa Ltd

T: UK +44 121 630 2052 / IE E: sales@capmatic.com CAPMATIC* www.capmatic.com EUROPA



105 Newdigate Road, Nottingham, NG16 1HN T: 0115 875 9846 E: contact@raupack.co.uk www.raupack.co.uk

Sparc Systems Ltd
Malvern, Worcestershire.

Malvern, Worcestershire, WR13 6NP T: 01684 310000

www.sparc-systems.co.uk

T: 01684 310000 E: sales@sparc-systems.co.uk

COUNTING/PACKAGING HARDWARE COMPONENTS



info@grippleautomation.com www.grippleautomation.com

T: 0114 5536250



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

Weber Packaging Solutions Weber Macmerry Industrial Estate, Tranent, East Lothian, EH33 1HD T: 01875 611 111 F: 01875 613 310

sales@weber.co.uk_www.weber.co.uk **CRIMPING EQUIPMENT**



D.H. INDUSTRIES LIMITED

Sullivan House, Fenton Way, Laindo Essex, SS15 6TD, UK T: +44 (0)1268 410 666 E: dh@dhi.co.uk - www.dhi.co.uk



info@grippleautomation.com www.grippleautomation.com

T: 0114 5536250

Shemesh Automation UK Ltd

Berkeley Square, Mayfair, London W1J 6DB T: +44 207 887 6004 E: SA@shemeshautomation.com www.shemeshautomation.com

DEPALLETISERS

ADPAK

T: 01282 601444 E: sales@adpak.co.uk www.adpakmachinerysystemsltd.co.uk

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



T: 01452 728753

E: info@ckf.co.uk

www.ckf.co.uk **endoline**

T: +44 (0)1767 310581 E: sales@endoline-robotics.com www.endoline-robotics.com

ETT UK Limited

eccles, Suffolk, NR34 7TD : 01502 470812

E: geoff@ett-uk.com www.ett-uk.com

Evolution BPS evolution T: 01721 724296 E: sales@evolutionbps.co.uk

www.evolutionbps.co.uk Kensal Handling Systems Kensal House, President Way, Luton, LU2 9NR

uton, LU2 9NK : +44 (0) 1 582 425 777 F: +44 (0) 1 582 425 776 : sales@kensal.com www.kensal.com E: sales@kensal.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



SCM Handling Ltd

Broadgauge Business Park, Taunton, Somerset, TA4 3RU scm T: 01823 431838 F: 01823 430806 E: sales@scmhandling.com www.scm

STATEC BINDER GmbH

Industriestrasse 32, 8200 Gleisdorf, Austria. T: +43 3112 38580-0 E: office@statec-binder.com www.statec-binder.com



ELEVATORS



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

Kensal Handling Systems Kensal House, President Way, Luton 1112 9NR T: +44 (0) 1 582 425 777 F: +44 (0) 1 582 425 776 E: sales@kensal.com www.kensal.com



E: sales@rilevautomation.com T: 01332 275850 www.rileyautomation.com

SCM Handling Ltd

Broadgauge Business Park, Taunton, Somerset, TA4 3RU T: 01823 431838 F: 01823 430806 MANDLING E: sales@scmhandling.com www.scmhandling.com Park, Taunton,

EMPTYING: DRUM & IBC

TAWI UK

TAWI Unit G, Pentagon Park, Lodge Farm, Northampton, NN5 7UW T: 01604 591120 E: eh.uk.sales@piab.com www.tawi.com

END OF LINE BAGGING MACHINES



Email: salesuk@fischbein.com

T: 01282 601444 E: sales@adpak.co.uk www.adpakmachinervsystemsltd.co.uk

Fischbein FISCHBEIN Tel.: +44 208 344 6600

STATEC BINDER GmbH

Industriestrasse 32, 8200 Gleisdorf, Austria. T: +43 3112 38580-0 F. office@statec-binder.com www.statec-binder.com



FFS HORIZONTAL (FLOWWRAPPERS)

From Process to Pallet



Bradman Lake Group Integrated Packaging Technology T: +44 (0)1502 470 500 F: sales@bradmanlake.com

www.bradmanlake.com

BW Flexible Systems

Nottingham, NG9 1PF, United Kingdom T: 0115 967 8787 E: sales@bwflexiblesystems www.bwflexiblesystems.com

uapak Ltd Uxbridge, Middlesex Readle Button LLAPAK UB8 2YF

020 8797 2000 sales@ilapak.co.uk www.ilapak.com

OPTIMA Packaging Machinery PLC

Chapman Way, Hethel, Norwich NR 14 8 Hethel Engineering Centre

E: info-uk@optima-packaging.com
www.optima-packaging.co.uk

OPTIMA Paramount PARAMOUNT

Packaging Systems
T: 01252 815252
E: fuji@paramount-packaging.co.uk
www.paramount-packaging.co.uk





FFS POUCH MACHINERY Penn Packaging Ltd sn) 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 800 325 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 www.bwflexiblesystems.com

Fischbein FISCHBEIN

Tel.: +44 208 344 6600 Email: salesuk@fischbein.com www.fischbein.com

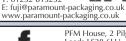
GIC - Manufacturers of Packaging Machinery Alpha Works, Sandars Road, Heapham Ro Industrial Estate, Gainsborough DN21 1R2 T: 01427 611885 T: 01427 611885 E: sales@gic.uk.net www.gic.uk.net

GRUNWALD UK T: 01529 414999 Dosing Filling Packing W: grunwald-uk.com

E: info@grunwald-uk.com Uxbridge, Middlesex
Flexible Packaging Solutions
T: 020 8797 2000
E: sales@ilanol.

E: sales@ilapak.co.uk www.ilapak.com Paramount

PARAMOUNT Packaging Systems
T: 01252 815252



Leeds LS28 6LU
T: +44 (0)113 2393401
E: sales@pfmuk.com
www.nfmuk.com PFM House, 2 Pilgrim Way,





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



FILL & SEAL MACHINES

www.statec-binder.com

Concetti

CONCETTI

M: +44 7776 148129 t.mitford@concetti.com W: www.concetti.com

Fischbein

FISCHBEIN Tel.: +44 208 344 6600

Email: salesuk@fischbein.com www.fischbein.com

GRUNWALD°UK◆

T: 01529 414999 Dosing · Filling · Packing W: grunwald-uk.com

E: info@grunwald-uk.com Made in the UK by:

GRAVFIL Precision Automation

01795 551500 • ppma@prec.co.uk PRECISIONALITOMATION COLIK/PPMA

STATEC BINDER GmbH Industriestrasse 32, 8200 Gleisdorf, Austria. T: +43 3112 38580-0 E: office@statec-binder.com www.statec-binder.com



FILLING: ASPETIC

Evolution BPS

evolution T: 01721 724296

E: sales@evolutionbps.co.uk www.evolutionbps.co.uk

Marchesini (TMG) UK Ltd

Unit M3 & 4, Cherrycourt Way, Leighton Buzzard, Beds LU7 4UH T: 01525 216201 F: 01525 216200 E: sales@marchesini.co.uk www.marchesini.com



Œ

Sidel UK Ltd Sidel UK Ltd Silver Court Watchmead, 3, Welwyn Garden City, AL7 1LT T: 01707 292820 E: enquiries.uk@sidel.com www.sidel.com

FILLING: BAG/SACK

All-Fill International Ltd 🔻

5 Gateshead Close, Sunderland Rd, All-Fill Sandy, Bedfordshire SG19 1RS T: 01767 691100 E: info@allfill.co.uk www.allfill.co.uk



Nottingham, NG9 1PF, United Kingdom T: 0115 967 8787 E: sales@bwflexiblesystems www.bwflexiblesystems.com

CONCETTI Concetti

M: +44 7776 148129 E: t.mitford@concetti.com W: www.concetti.com

Fischbein FISCHBEIN Tel.: +44 208 344 6600

Email: salesuk@fischbein.com www.fischbein.com

Uxbridge, Middlesex Realth and LAPAK

T: 020 8797 2000 E: sales@ilapak.co.uk www.ilapak.com

OPTIMA Packaging Machinery PLC

Chapman Way, Hethel, Norwich NR 1 Hethel Engineering Centre E: info-uk@optima-packaging.com OPTIMA www.optima-packaging.co.uk



STATEC BINDER GmbH

Industriestrasse 32, 8200 Gleisdorf, Austria. T: +43 3112 38580-0 E: office@statec-binder.com www.statec-binder.com



Evolution BPS

T: 01721 724296

T: 01444 472300 W: www.adelphi.uk.com



evolution

www.evolutionbps.co.uk

All-Fill International Ltd

FILLING: COSMETIC EQUIPMENT

E: sales@evolutionbps.co.uk

5 Gateshead Close, Sunderland Rd, All-Fill Sandy, Bedfordshire SG19 1RS T: 01767 691100 E: info@allfill.co.uk www.allfill.co.uk

🗱 Hi-Tech

T: +44 1256 766003 E: sales@fillers.co.uk www.fillers.co.uk



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

OPTIMA Packaging Machinery PLC Chapman Way, Hethel, Norwich NR 14 8FB Hethel Engineering Centre

Hethel Engineering Condo

E: info-uk@optima-packaging.com

OPTIMA

Propack Automation Machinery Ltd 10 Hill Wootton Rd, Leek W T: 02476 470074 E: office@propack.co.uk www.propack.co.uk

Shemesh Automation UK Ltd

Berkeley Square, Mayfair, London W1J 6DB T: +44 207 887 6004 E: SA@shemeshautomation.com www.shemeshautomation.com

FILLING: DRUM & IBC

Adelphi Group Mill Green Road

Haywards Heath, West Sussex RH16 1XO 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

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 www.allfill.co.uk E: info@allfill.co.uk

CONCETTI Concetti

M: +44 7776 148129 E: t.mitford@concetti.com W: www.concetti.com

OPTIMA Packaging Machinery PLC Chapman Way, Hethel, Norwich NR 14 8FB Hethel Engineering Centre

Hethel Engineering Center
E: info-uk@optima-packaging.com
Unging Co. uk

OPTIMA

STATEC BINDER GmbH Industriestrasse 32, 8200 Gleisdorf, Austria. T: +43 3112 38580-0 E: office@statec-binder.com www.statec-binder.com



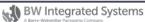
FILLING: LIQUID

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



Unit 6, Twyford Court, Rother Industrial Estate, Hereford HR T: 01432 800 377





A Barry-Wehnitler Packageng Company
Doncaster, Yorkshire DN11 8EW
T: 01302 711056 E: sales@bwintegratedsystems.com
www.bwintegratedsystems.com

Cap Coder Ltd

Monument Business Park, CapCoder

Chalgrove, Oxford, OX44 7RW

T: 01865 891466
E: sales@capcoder.com www.capcoder.com

Capmatic Europa Ltd

T: UK +44 121 630 2052 / IE +353 188 31 695 E: sales@capmatic.com www.capmatic.com

Evolution BPS

evolution T: 01721 724296 E: sales@evolutionbps.co.uk

Hi-Tech



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

E: Karmelle@gmail.com www.karmelle.com

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

Chapman Way, Hethel, Norwich NR 14 Hethel Engineering Centre
E: info-uk@optima-packaging.com
www.optima-packaging.co.uk

OPTIMA



105 Newdigate Road, Nottingham, NG16 1HN T: 0115 875 9846 E: contact@raupack.co.uk www.raupack.co.uk

E: info@riggsautopack.co.uk www.riggsautopack.co.uk

Sealpac UK Ltd SEALPAC LIK 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

Shemesh Automation UK Ltd Berkeley Square, Mayfair, London W1J 6DB T: +44 207 887 6004 F: SA@shemeshautomation.com

Sidel UK Ltd Silver Court Watchmead, 3, Silver Court Watchmead, 3, View Court Watchmead, 3, Court W E: enquiries.uk@sidel.com www.sidel.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



T: +44 1256 766003 E: sales@fillers.co.uk www.fillers.co.uk

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

FILLING: PASTE

Adelphi Group

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



All-Fill International Ltd

5 Gateshead Close, Sunderland Rd, All-Fill Sandy, Bedfordshire SG19 1RS T: 01767 691100 E: info@allfill.co.uk

OPTIMA Packaging Machinery PLC

Chapman Way, Hethel, Norwich NR 14 8FE Hethel Engineering Centre Hethel Engineering Conde E: info-uk@optima-packaging.com OPTIMA

Riggs Autopack Ltd

lelson, Lancs BB9 0HU : 01282 440040 E: info@riggsautopack.co.uk www.riggsautopack.co.uk

Sealpac UK Ltd SEALPAC LIK 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

FILLING: PHARMACEUTICAL

Adelphi Group Mill Green Road, Haywards Heath, West Sussex RH16 1XQ 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

Cap Coder Ltd
Monument Business Park, Cap Coder Chalgrove, Oxford, OX44 7RW



T: +44 1256 766003 E: sales@fillers.co.uk www.fillers.co.uk

OPTIMA Packaging Machinery PLC

Shemesh Automation UK Ltd

Berkeley Square, Mayfair, London W1J 6DB T: +44 207 887 6004 E: SA@shemeshautomation.com www.shemeshautomation.com

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

5 Gateshead Close, Sunderland Rd, All-Fill Sandy, Bedfordshire SG19 1RS T: 01767 691100

E: info@allfill.co.uk www.allfill.co.uk CONCETTI

t.mitford@concetti.com W: www.concetti.com

FISCHBEIN Tel.: +44 208 344 6600 Email: salesuk@fischbein.com

OPTIMA Packaging Machinery PLC

Chapman Way, Hethel, Norwich NR 14 8FB Hethel Engineering Centre E: info-uk@optima-packaging.com OPTIMA www.optima-packaging.co.uk

Rovema Packaging Machines Ltd ROVEINA F ACKURING

8 Merlin Centre, Gatehouse Close,
Aylesbury, Bucks HP19 8DP

T: 01296 310490 F: 01296 483440

E: sales@novema.co.uk

STATEC BINDER GmbH

Industriestrasse 32, 8200 Gleisdorf, Austria. T: +43 3112 38580-0 E: office@statec-binder.com www.statec-binder.com





Adelphi Group
Road, Haywards Heath,



Autopack Ltd

E: info@auto-pack.co.uk www.auto-pack.co.uk

CAPMATIC

www.evolutionbps.co.uk

T: +44 1256 766003 E: sales@fillers.co.uk www.fillers.co.uk



Karmelle Ltd

Unit 17, Queens Mill Industrial Estate, Queens Mill Lane, Huddersfield HD1 3RR T: 01484 533356

KHS UK Limited KHSUK



PRECISIONAUTOMATION.CO.UK/PPMA

Riggs Autopack Ltd Nelson, Lancs BB9 0HU T: 01282 440040

www.shemeshautomation.com

FILLING: MOLTEN



FILLING: POWDER

All-Fill International Ltd T

Concetti M: +44 7776 148129

Fischbein

www.fischbein.com

FILLING: SAUCES AND OILS

Evolution BPS

evolution T: 01721 724296

F: sales@evolutionbps.co.uk www.evolutionbps.co.uk

FILLING: SOLIDS



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

Uxbridge, Middlesex Fleible Parkwaren ILAPAK

T: 020 8797 2000 E: sales@ilapak.co.uk www.ilapak.com

OPTIMA Packaging Machinery PLC Chapman Way, Hethel, Norwich NR 14 81

Hethel Engineering Centre
E: info-uk@optima-packaging.com
www.optima-packaging.co.uk

OPTIMA

STATEC BINDER GmbH

Industriestrasse 32, 8200 Gleisdorf, Austria. T: +43 3112 38580-0 E: office@statec-binder.com www.statec-binder.com



FILLING: WEIGH

All-Fill International Ltd

5 Gateshead Close, Sunderland Rd, All-Fill Sandy, Bedfordshire SG19 1RS T: 01767 691100 E: info@allfill.co.uk www.allfill.co.uk

AST Ltd

multiweigh

T: +44(0)7730 656691 Precision in Weighing Tecl E: wd@multiweighuk.com www.multiweighuk.com



Nottingham, NG9 1PF, United Kingdom T: 0115 967 8787 E: sales@bwflexiblesystems www.bwflexiblesystems.com

FISCHBEIN Tel.: +44 208 344 6600

Email: salesuk@fischbein.com www.fischhein.com

uapak Ltd
Uxbridge, Middlesex
UB8 2YF

T: 020 8797 2000 E: sales@ilapak.co.uk www.ilapak.com

Sealpac UK Ltd SEALPAC LIK 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

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



HANDLING MACHINERY



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

HANDLING ROLLS & REELS

Packline Materials Handlin

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

TAWI UK

TAWI Unit G, Pentagon Park, Lodge Farm, Northampton, NN5 7UW T: 01604 591120 E: eh.uk.sales@piab.com www.tawi.com

HEAT SEALERS

Fischbein **FISCHBEIN** Tel.: +44 208 344 6600

Fmail: salesuk@fischbein.com www.fischbein.com

MPE UK LIMITED

Whaley Bridge, Derbyshire SK23 7DQ T: +44 1663 732 700 E: mark@mpe-uk.com www.mpe-uk.com

MPE , uk

RM Sealers Ltd

Valley Farm, Dagnall, Herts HP4 1QR T: 01442 843387 E: enquiries@rmsealers.co.uk www.rmsealers.co.uk

Shemesh Automation UK Ltd.

AUTOMATION (*) Berkeley Square, Mayfair, London W1J 6DB T: +44 207 887 6004 F: SA@shemeshautomation.com www.shemeshautomation.com

HIGH-RESOLUTION CODING

ATD Marking Systems

Marley House, The Mill, Great Bowden Road, Market Harborough, Leicestershire, LE16 7DE T: 01858 461014 F: 01858 436900 marking E: mail@atduk.com www.atduk.com



HOT FOIL PRINTERS

A twell

self-adhesive Labellers T: 01444 239970 E: sales@atwell-labellers.co.uk www.labeller.co.uk

HOT MELT APPLICATION **EQUIPMENT**



T: +44 (0)1767 316422 E: sales@endoline-automation.com www.endoline-automation.com

igluetech® Glueing Technology Melksham, Wiltshire SN12 6TT

T: 01225 783456 E: general@igluetech.co.uk www.igluetech.co.uk

Robatech Gluing Technology Basildon, Essex, SS15 6SW T: 01268 490035 E: info@robatechgt.com www.robatechgt.com



Valco Melton UK Hortonwood 32

VALCO MELTON Telford TE1 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 5 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



enerron

Atwell

self-adhesive Labellers T: 01444 239970 E: sales@atwell-labellers.co.uk www.labeller.co.uk



T: 01727 84668 E: techsales@edding.co.uk www.edding.tech/en

Rotech Machines Limited

Hertfordshire AL7 1AJ T: +44 (0) 1707 393700 E: sales@rotechmachines.com www. rotechmachines.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

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



A twell

self-adhesive Labellers T: 01444 239970 F: sales@atwell-labellers co.uk_www.labeller.co.uk



T: 01727 84668 E: techsales@edding.co.uk www.edding.tech/en



www.t-mark.co.uk

T-MARKO

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

INSPECTION SYSTEMS

Anritsu Product Inspection & Detection Unit 3, Scott Road, Luton, LU3 3BF, UK **∕**Inritsu

T: +44 (0)845 539 9729 www.anritsu.com/infivis

Bytronic Birmingham, B60 1BL T: +44 (0)1564 793174 F. hello@bytronic.com www.bytronic.com

crestsolutions

Serving the Life Sciences sector for over 20 years

T: +44 (0)1536 560275 E: info@crestsolutions.co.uk www.cxvglobal.com

Evolution BPS

www.evolutionbps.co.uk

evolution T: 01721 724296 E: sales@evolutionbps.co.uk

Fortress Technology (Europe) Ltd Banbury, Oxon, OX16 1RH T: 01295 256266 **FØRTRESS** E: Sales-UK@fortresstechnology.com www.fortresstechnology.co.uk

M.D.S. Ltd Metal Detection Services lartins 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

Nordson (U.K.) Ltd. Unit 14, Apex Business Centre, Boscombe Road, Dunstable, Bedfordshire LU5 4SB T: 01582 691 900 E: sales@uk.nordson.com

■ Nordson ww.nordson.co.uk/adhesive

Scorpion Vision Ltd 118 Gore Road, New Milt Hampshire BH25 6SJ T: 01590 679333 E: sales@scorpion.vision www.scorpionvision.co.uk



MDS

Sealpac UK Ltd SEALPAC LIK 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

Valco Melton UK

(M)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 11HD T: 01875 611 111 F: 01875 613 310 E: sales@weber.co.uk www.weber.co.uk

LABEL INSPECTION



Advanced Labelling Systems Limited

Unit B, Bandet Way, Thame, Oxon, OX9 3SJ T: 01844 213177 www.als-uk.com

crestsolutions

Serving the Life Sciences sector for over 20 years T: +44 (0)1536 560275 E: info@crestsolutions.co.uk www.cxvglobal.com

Ienton Dimaco

T: +44 (0)1234 851515 E: sales@dimaco.vision www.dimaco.co.uk



Olmec-UK Ltd Barton-Upon-Humber Olmec DN18 5RL quality through innovation T: 01652 631960 quality through innovation E: sales@olmec-uk.com www.olmec-uk.com

Sparc Systems Ltd

Malvern, Worcestershire, WR13 6NP T: 01684 310000 E: sales@sparc-systems.co.uk Sparc
www.sparc-systems.co.uk

LABEL PRINTERS



Advanced Labelling Systems Limited

Unit B, Bandet Way, Thame, Oxon, OX9 3SJ T: 01844 213177 www.als-uk.com

Astro**Nova**

Product Identification Maidenhead, Berkshire, SL6 3RT T: 01628 668836 E: info®QuickLabel.co.uk www.QuickLabel.co.uk

A twell

self-adhesive Labellers T: 01444 239970 E: sales@atwell-labellers.co.uk www.labeller.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

LABEL PRINTING SERVICES

AL5

Advanced Labelling Systems Limited

Unit B, Bandet Way, Thame, Oxon, OX9 3SJ T: 01844 213177 www.als-uk.com

A twell

self-adhesive Labellers T: 01444 239970 E: sales@atwell-labellers.co.uk www.labeller.co.uk

LABELLERS

Advanced Labelling

Systems Limited Unit B, Bandet Way, Thame, Oxon, OX9 3SJ T: 01844 213177 www.als-uk.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

A twell self-adhesive Labellers T: 01444 239970 E: sales@atwell-labellers.co.uk www.labeller.co.uk

Cap Coder Ltd
Monument Business Park, Cap Coder
Chalgrove, Oxford, OX44 7RW
T: 01865 891466
E: sales@capcoder.com www.capcoder.com

Capmatic Europa Ltd

T: UK +44 121 630 2052 / IE +353 188 31 695
E: sales@capmatic.com www.capmatic.com EUROPA

Evolution BPS

www.evolutionbps.co.uk

evolution T: 01721 724296 E: sales@evolutionbps.co.uk

HERMA UK Limited * HERMA The Hollands Centre, Hollands Road, Haverhill, Suffolk CB9 8PR

T: 01440 763366 E: sales@herma.co.uk www.herma-labellingmachines.co.uk

Karmelle Ltd Unit 17, Queens Mill Industrial Estate,
Queens Mill Lane, Huddersfield HD1 3RR T: 01484 533356

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

E: Karmelle@gmail.com www.karmelle.com

Marchesini (TMG) UK Ltd Unit M3 & 4, Cherrycourt Way, Leighton Buzzard, Beds LU7 4UH T: 01525 216201 F: 01525 216200

Penn Packaging Ltd RENNER

Harkstead Hall Barn, Ipswich, Suffolk IP9 1DB T: 01473 893990 www.penn-packaging.co.uk E: email@penn-packaging.co.uk

Premier Labellers

ed Labelling Machinery

E: sales@premierlabellers.co.uk_www.premierlabellers.co.uk

Propack Automation Machinery Ltd 10 Hill Wootton Rd, Leek Wootton, Warwicks, T: 02476 470074 E: office@propack.co.uk www.propack.co.uk

Shemesh Automation UK Ltd

Berkeley Square, Mayfair, London W1J 6DB T: +44 207 887 6004 F: SA@shemeshautomation.com www.shemeshautomation.com

Sidel UK Ltd Silver Court Watchmead, 3, Sidel Welvyn Garden City, AL7 1LT T: 01707 292820

F: enquiries.uk@sidel.com www.sidel.com

Weber Packaging Solutions Weber

Macmerry Industrial Estate, Tranent, East Lothian, EH33 1HD T: 01875 611 111 F: 01875 613 310 F: sales@weher.co.uk_www.weher.co.ul

LABELLING MACHINES

ALTech UK Labelling Technologies Ltd Central Park, Bridgend, South Wales CF31 3RT T: 0800 612 6205

F: sales@altech-uk.com www.altech-uk.com

LANGGUTH T: +49 2536 806-0 E: info@langguth.com

THE LABELLING FAMILY www.langguth.com

Im Südfeld 17, 48308 Senden-Bösensell, Germany

LABELLING SOFTWARE

Advanced Labelling Systems Limited

Unit B, Bandet Way, Thame, Oxon, OX9 3SJ T: 01844 213177 www.als-uk.com

A twell

self-adhesive Labellers T: 01444 239970 E: sales@atwell-labellers.co.uk www.labeller.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

LANE DIVIDER/COMBINER



www.ckf.co.uk

FTT UK Limited NR34 7TD Beccles, Suiloik, 1 T: 01502 470812

E: geoff@ett-uk.com

Jenton Ariana

T: +44 (0)1256 892194 E: sales@ienton.co.uk www.jentonariana.co.uk

JENTON ariana

LASER CODERS

ATD Marking Systems
Marley House, The Mill, Great Bowden Road,
Market Harborough, Leicestershire, LE16 7DE T: 01858 461014 F: 01858 436900



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

LEAK TESTING

T: +31 (0)348 410 999 E: sales@blueprintautomation.nl www.blueprintautomation.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

Levbold

Leatherhead Road, Chessington, Surrey, KT9 2QL T: 01372 737300 E: sales.LN@leybold.com www.leybold.com

LINEAR VIBRATORS

<u>Ril</u>ey Automation

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

LINERLESS LABELLERS

A twell

self-adhesive Labellers T: 01444 239970 E: sales@atwell-labellers.co.uk www.labeller.co.uk

HERMA UK Limited # HERMA

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 Weber Tranent, East Lothian, EH33 1HD T: 01875 611 111 F: 01875 613 310

E: sales@weber.co.uk www.weber.co.uk

METAL DETECTION

Anritsu Product Inspection & Detection J3 3BF, UK +44 (0)845 539 9729 **Annitsu** Unit 3, Scott Road, Luton,

www.anritsu.com/infivis

Fortress Technology (Europe) Ltd Banbury, Oxon, OX16 1RH T: 01295 256266

FØRTRESS E: Sales-UK@fortresstechnology.com www.fortresstechnology.co.uk

M.D.S. Ltd Metal Detection Services Sales Office (Sales) Teacher (



Mettler-Toledo Safeline

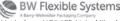
Montford Street, Salford, M50 2XD, UK T: 0161 848 8636 SAFELINE

E: safeline.info@mt.com www.mt.com/metaldetection Metal Detection

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

MODIFIED ATMOSPHERE DACKAGING



Nottingham, NG9 1PF, United Kingdom T: 0115 967 8787 E: sales@bwflexiblesystems www.bwflexiblesystems.com

Uxbridge, Middlesex Flesha Bu-k---T: 020 8797 2000

E: sales@ilapak.co.uk www.ilapak.com Paramount



T: 01252 815252 E: fuji@paramount-packaging.co.uk www.paramount-packaging.co.uk



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

Sealpac UK Ltd SEALPAC UK

Julis 1-3, The Concept Centre, 6 Partn nnovation Close, Poole, Dorset BH12 4QD, UK : 0845 302 3056 F: 0845 302 3057 : sales@sealpac-uk.com www.sealpac-uk.com

MULTIHEAD WEIGHERS

AST Ltd

multiweigh

T: +44(0)7730 656691 Precision in Weighing Techn F: wd@multiweighuk.com_www.multiweighuk.com

BW Flexible Systems

Nottingham, NG9 1PF, United Kingdom T: 0115 967 8787 E: sales@bwflexiblesystems www.bwflexiblesvstems.com

Fischbein

FISCHBEIN

Tel · +44 208 344 6600 Fmail: salesuk@fischhein com www fischhein com

Usbridge, Middlesex

: 020 8797 2000 : sales@ilapak.co.uk

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

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, 6 Partn Innovation Close, Poole, Dorset BH12 4QD, UK T: 0845 302 3056 F: 0845 302 3057 E: sales@sealpac-uk.com www.sealpac-uk.com

Leeds, LS11 5AL T: 0113 322 1546 E: sales1@yamatoscale.co.uk www.yamatoscale.co.uk

MULTI-PACKING MACHINES



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

MULTIPLE PACKAGING **EOUIPMENT**

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

Tekpak

Tekpak Automation (UK Sales)

RTISE @ www.tekpak.co.uk All Equipment Manufactured in Ireland

PALLET SHRINK WRAPPING MACHINERY

Fischbein Tel.: +44 208 344 6600

FISCHBEIN

Email: salesuk@fischbein.com www.fischbein.com

SCM Handling Ltd Broadgauge Business Park, Taunton, Somerset, TA4 3RU T: 01823 431838 F: 01823 430806

E: sales@scmhandling.com www.scmhandling.com

PALLET STRAPPING MACHINERY

FISCHBEIN Tel.: +44 208 344 6600

Email: salesuk@fischbein.com www.fischbein.com

PALLET STRETCH HOODING **MACHINERY**

Fischbein

FISCHBEIN

Tel · +44 208 344 6600 Fmail: salesuk@fischbein.com www.fischbein.com

PALLET STRETCH WRAPPING **MACHINERY**

Aetna UK Limited

Oakley, Bedford, MK43 7TA T: 01234 825050 E: sales.uk@robopac.com www.aetnagroup.co.uk

ROBOPAC

Fischbein

FISCHBEIN Tel.: +44 208 344 6600 Email: salesuk@fischbein.com

Siat.co.uk
PACKAGING MACHINES

Unit 3 Malory Road,
Beacon Park, Gorleston,
Great Yarmouth, NR31 7DT

T: 01493 257070 E: info@siat.co.uk www.siat.co.uk



WestRock
Unit 3 Malory Road, Beacon Park, Gorleston,
Great Yarmouth, NR31 7DT, UK T: 01493 257070 E- ans uk@westrock.com_www.westrock.com/automation-uk



T: 01484 715111 E: info@yps.co.uk W: www.yps.co.uk



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

Concetti

CONCETTI M: +44 7776 148129 t.mitford@concetti.com

W: www.concetti.com **Vendoline**

T: +44 (0)1767 310581 E: sales@endoline-robotics.com www.endoline-robotics.com

ETT UK Limited

Beccles, Suffolk, NR34
T: 01502 470812
E: geoff@ett-uk.com NR34 7TD

www.ett-uk.com

Evolution BPS

evolution T: 01721 724296 E: sales@evolutionbps.co.uk www.evolutionbps.co.uk

Fischhein

Tel.: +44 208 344 6600

FISCHBEIN

Fmail: salesuk@fischbein.com www.fischbein.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

Mpac Langen

+31 24 648 66 55 sales.emea@mpac-group.com www.mpac-group.com



Nordson (U.K.) Ltd.

Unit 14, Apex Business Centre, Boscombe Road, Dunstable, Bedfordshire LU5 4SB T: 01582 691 900 E: sales@uk.nordson.com

RAUPACK

105 Newdigate Road, Nottingham, NG16 1HN T: 0115 875 9846 E: contact@raupack.co.uk www.raupack.co.uk

E: sales@uk.nordson.com www.nordson.co.uk/adhesives Nordson



Prince of Wales Works, Armytage Road, Brighouse, West Yorkshire HD6 1QF







T: 01282 601444 E: sales@adpak.co.uk www.adpakmachinerysystemsItd.co.uk





www.rmgroupuk.com T: +44(0)1686 621704

SCM Handling Ltd

Froadgauge Business Park, Taunton, Somerset, TA4 3RU T: 01823 431838 F: 01823 430806 E: sales@scmhandling.com www.scmhandling.com



Sidel UK Ltd

T: 01707 292820

Tekpak

Autopack Ltd

E: info@auto-pack.co.uk www.auto-pack.co.uk

SCM Somerset, TA4 3RU
T: 01823 431838 F: 01823 430806 HANDLING
E: sales@scmhandling.com www.scmhandling.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

Silver Court Watchmead, 3, Welwyn Garden City, AL7 1LT

TAWI

Tekpak Automation (UK Sales)

+44 (0)113 350 5694

AUTO PACK

W: grunwald-uk.com

E: info@grunwald-uk.com

sn

riggsautopack

E: enquiries.uk@sidel.com www.sidel.com

Unit G, Pentagon Park, Lodge Farm, Northampton, NN5 7UW T: 01604 591120

E: eh.uk.sales@piab.com www.tawi.com

WestRock WestRock Unit 3 Malory Road, Beacon Park, Gorleston, Great Yarmouth, NR31 7DT, UK T: 01493 257070

POUCH FILL & SEAL MACHINES

Unit 6, Twyford Court, Rotherwas Industrial Estate, Hereford HR2 6JR T: 01432 800 377

Dosing Filling Packing

Jenton International Ltd

E: email@penn-packaging.co.uk

BAUDACK

T: +44 (0)1256 892194

E: sales@jenton.co.uk

Penn Packaging Ltd

Riggs Autopack Ltd

Nelson, Lancs BB9 0HU T: 01282 440040

E: info@riggsautopack.co.uk

www.riggsautopack.co.uk

www.rovema.com

E: aps.uk@westrock.com www.westrock.com/automation-uk

GRUNWALD°UK T: 01529 414999

napak Ltd Uxbridge, Middlesex UB8 2YF

Harkstead Hall Barn, Ipswich, Suffolk IP9 1DB T: 01473 893990 www.penn-packaging.co.uk

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

Sealpac UK Ltd SEALPAC.UK

Units 1-3, The Concept Centre, 5 Partin Innovation Close, Poole, Dorset BH12 4QD, UK T: 0845 302 3056 F: 0845 302 3057 E: sales@sealpac-uk.com www.sealpac-uk.com

: 020 8797 2000 : sales@ilapak.co.uk www.ilapak.com

Unit B, Bandet Way, Thame, Oxon, OX9 3SJ T: 01844 213177 www.als-uk.com

ALTech UK Labelling Technologies Ltd Central Park, Bridgend, South Wales CF31 3RT T: 0800 612 6205





sales@atwell-labellers.co.uk www.labeller.co.uk

Clearmark Solutions (ICE)

Nottingham NG15 0DP T: 01159 640144 E: enquiries@uk.interactivecoding.com

Clearmark

Cobalt Systems Ltd Cobalt House, Arden Square, Electra Way, Crewe, CW1 6HA **COBALT**

E: sales@cobaltis.co.uk www.cobaltis.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



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

T: +44(0)7730 656691 Precision in Weighing T

Combe St Nicholas, Somerset, TA20 3NL

F: cme@cme-ltd.com

The Reiser Building, Maidstone Rd, Kingston, Milton Keynes, MK10 0BD T: 01908 585300 F: 01908 585400

riggsautopack Nelson, Lancs BB9 0HU T: 01282 440040

E: info@riggsautopack.co.uk www.riggsautopack.co.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

READY MEALS SLEEVING

28b Burnett Business Park. Gypsy Lane, Keynsham, Bristol BS31 2ED T: 0117 986 5417

REEL LIFTING EQUIPMENT

Packline Materials Handling

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

TAWI UK TAWI Unit G, Pentagon Park, Saurt Lodge Farm, Northampton, NN5 7UW

T: 01604 591120 E: eh.uk.sales@piab.com www.tawi.com

RESEALABLE PACKAGING

Uxbridge, Middlesex Flexible Packaging Solutions
T: 020 8797 2000
E: sales@ilanak oz

Scott Automation Ltd (Alvev)

T: +44 1384 210 278

F: info@scottautomation.co.uk www.scottautomation.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



TAWI UK

TAWI Unit G. Pentagon Park. Lodge Farm, Northampton, NN5 7UW T: 01604 591120

F: eh.uk.sales@piab.com_www.tawi.com

Valco Melton UK

(M)Hortonwood 32, Telford TF1 7YN T: 01952 677911 F: 01952 677945 VALCO MELTON

E: uk@valcomelton.com www.valcomelton.com



Unit 3 Malory Road, Beacon Park, Gorleston, Great Yarmouth, NR31 7DT, UK T: 01493 257070

PICK & PLACE MACHINES



T: +31 (0)348 410 999 E: sales@blueprintautomation.nl www.blueprintautomation.com



Bradman Lake Group Integrated Packaging Technology

T: +44 (0)1502 470 500 E: sales@bradmanlake.com

From Process to Pallet www.bradmanlake.com

CAMA 3 Ltd Suite 44, Berkeley House, Hunts Rise, South Marston Park, Swindon, Wilts, SN3 4TG T: 01793 831111 F: 01793 831481 cama cama3@camagroup.com www.camagroup.com

Cap Coder Ltd

Cap Coder Ltd
Monument Business Park,
Chalgrove, Oxford, OX44 7RW

T: 01865 891466 E: sales@capcoder.com www.capcoder.com



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



Cendoline AUTOMATION

T: +44 (0)1767 316422 E: sales@endoline-automation.com www.endoline-automation.com

ETT UK Limited

Beccles, Suffolk, NR34 7TD T: 01502 470812 E: geoff@ett-uk.com www.ett-uk.com





AUTOMATION info@grippleautomation.com www.grippleautomation.com

T: 0114 5536250



RM Sealers Ltd

POUCH SEALERS

Valley Farm, Dagnall, Herts HP4 1QR T: 01442 843387 E: enquiries@rmsealers.co.uk www.rmsealers.co.uk

Shemesh Automation UK Ltd

Berkeley Square, Mayfair, London W1J 6DB T: +44 207 887 6004 E: SA@shemeshautomation.com www.shemeshautomation.com



PRINT & APPLY LABELLING

Advanced Labelling Systems Limited

self-adhesive Labellers T: 01444 239970

T: 01270 539800

sales@tekpak.co.uk PERTISE @ www.tekpak.co.uk All Equipment Manufactured in Ireland

www.logopak.co.uk T: 01904 692333

READY MEALS PACKAGING LINES

AST Ltd



E: wd@multiweighuk.com www.multiweighuk.com

CMF Ltd

T: 01460 269500



Reiser UK Ltd Reiser E: salesuk@reiser.com www.reiser.com

Riggs Autopack Ltd

Sealpac UK Ltd SEALPAC. UK



RFID TRACK AND TRACE SOFTWARE

Sealpac UK Ltd SEALPAC UK Units 1-3, The Concept Centre, Innovation Close, Poole, Dorset BH12 4QD, UK 1: 0845 302 3056 F: 0845 302 3057

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



ADPAK

T: +31 (0)348 410 999 E: sales@blueprintautomation.nl



Doncaster, Yorkshire DN11 8EW
T: 01302 711056 E: sales@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.ci <u>eama</u>



CME Ltd Combe St Nicholas, Somerset, TA20 3NI Г: 01460 269500

www.ett-uk.com

FlexLink Systems Limited T: 01908 327200 E: info.uk@flexlink.com FLEXLINK

www.flexlink.com

AUTOMATION

info@grippleautomation.com T: 0114 5536250

Holmach Ltd

www.holmach.co.uk

Luton, LU2 9NR T: +44 (0) 1 582 425 777 F: +44 (0) 1 582 425 776 E: sales@kensal.com www.kensal.com

Wednesbury, West Midlands, WS10 7LL T: 0121 505 9970

www.kukarobotics.co.uk Oaks Ind. Est., Festival Drive, piab

Loughborough, LE11 5XN T: 01509 857010 F: 01509 857011 E: info-uk@piab.com www.piab.com Quin Systems Ltd





Birmingham B35 7AG T: 0121 749 2566



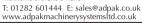
E: sales@sealpac-uk.com www.sealpac-uk.com RINSERS AIR/& OIL PRODUCT























www.cme-ltd.com

ETT UK Limited

E: cme@cme-ltd.com



www.ckf.co.uk



Milton Keynes, MK14 5BN T: 01908 327200

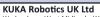


GGRIPPLE



T: 01780 749097 E: sales@holmach.co.uk









RNA AUTOMATION LTD





SCM Handling Ltd

Broadgauge Business Park, Taunton, Somerset, TA4 3RU T: 01823 431838 F: 01823 430806 HADDING E: sales@scmhandling.com www.scmhandling.com Broadgauge Business Park, Taunton, Somerset, TA4 3RU

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

Tekpak

Tekpak Automation (UK Sales) +44 (0)113 350 5694 sales@tekpak.co.uk

PACKED WITH EXPERTISE www.tekpak.co.uk

All Equipment Manufactured in Ireland

ROBOT INTEGRATORS

BW Integrated Systems

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



F: info@ckf.co.uk

www.ckf.co.uk

CME Ltd

Ltd St Nicholas, Somerset, TA20 3NL T: 01460 269500 E: cme@cme-ltd.com www.cme_ltd.com



T: +44 (0)1767 310581 E: sales@endoline-robotics.com www.endoline-robotics.com

ETT UK Limited

Beccles, Suffolk, NR34 7TD T: 01502 470812

E: geoff@ett-uk.com www.ett-uk.com



T: +44(0)1686 621704



Unit 3 Malory Road, Beacon Park, Gorleston, Great Yarmouth, NR31 7DT, UK T: 01493 257070

ROBOTIC PALLETISERS



Bradman Lake Group **Integrated Packaging Technology**

T: +44 (0)1502 470 500 E: sales@bradmanlake.com From Process to Pallet www.bradmanlake.com



A Barry-Wehntiller Packageng Company Doncaster, Yorkshire DN11 8EW T: 01302 711056 E: sales@bwintegratedsystems.com www.bwintegratedsystems.com





T: +44 (0)1767 310581 E: sales@endoline-robotics.com www.endoline-robotics.com

ETT UK Limited

NR34 7TD Т: 01502 470812

E: geoff@ett-uk.com www.ett-uk.com

Fischhein

FISCHBEIN Tel.: +44 208 344 6600 Email: salesuk@fischbein.com

www.fischbein.com

GGRIPPLE AUTOMATION

www.grippleautomation.com

T: 0114 5536250

iXAPACK GLOBAL XAPAC) T: +33 549 820 580 E: info@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 F: sales@kensal.com www.kensal.com

KHS UK Limited KHSUK

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

KUKA Robotics UK Ltd

Wednesbury, West Midlands, WS10 7LL T: 0121 505 9970

T: 0121 505 9970 E: sales@kukarobotics.co.uk

Marchesini (TMG) UK Ltd

Unit M3 & 4, Cherrycourt Way, Leighton Buzzard, Beds LU7 4UH T: 01525 216201 F: 01525 216200 E: sales@marchesini.co.uk www.marchesini.com

C MARCHESINI GROUP

Ocme UK Ltd King John Hse, Kingsclere Park, Democ 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,

Broadgauge Business Park, Taunton, Somerset, TA4 3RU T: 01823 431838 F: 01823 430806 E: sales@scmhandling.com www.scmhandling.com

Scott Automation Ltd (Alvev)

T: +44 1384 210 278

E: info@scottautomation.co.uk



Sidel UK Ltd

Sidel UK Ltd Silver Court Watchmead, 3, Welwyn Garden City, AL7 1LT T: 01707 292820 E: enquiries.uk@sidel.com www.sidel.com

STATEC BINDER GmbH

Industriestrasse 32, 8200 Gleisdorf, Austria. T: +43 3112 38580-0 E: office@statec-binder.com www.statec-binder.com





WestRock

Unit 3 Malory Road, Beacon Park, Gorleston, Great Yarmouth, NR31 7DT, UK T: 01493 257070 E: ajs.uk@westrock.com www.westrock.com/automation-uk

ROBOTS

CAMA 3 Ltd

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.c cama



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

www.ckf.co.uk

Grote Company

Wrexham, LL13 7YP
www.grotecompany.com
E: sales@grotecompany.com

T: 01978 362243 F: 01978 362255

Kawasaki Robotics Kawasaki Warrington, WA5 7ZB Powering your potential T: 01925 713000

E: info@kawasakirobotuk.com www.kawasakirobot.co.uk

KUKA Robotics UK Ltd

Wednesbury, West Midlands, WS10 7LL T: 0121 505 9970



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

Sealpac UK Ltd SEALPAC. UK

Units 1-3, The Concept Centre, 6 Particle Innovation Close, Poole, Dorset BH12 4QD, UK T: 0845 302 3056 F: 0845 302 3057 E: sales@sealpac-uk.com www.sealpac-uk.com

TM Robotics Ltd

Welwyn Garden City, Hertfordshire, AL7 1JG T: 01707 290370 E: sales@tmrobotics.co.uk www.tmrobotics.co.uk



Unit 3 Malory Road, Beacon Park, Gorleston, Great Yarmouth, NR31 7DT, UK T: 01493 257070 E: aps.uk@westrock.com/automation-uk

ROBOTS - ARTICULATED ARM

KUKA Robotics UK Ltd

Wednesbury, West Midlar T: 0121 505 9970

T: 0121 3070
E: sales@kukarobotics.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

ROBOTS - CARTESIAN



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

www.ckf.co.uk

KUKA Robotics UK Ltd

Wednesbury, West Midlands, WS10 7LL T: 0121 505 9970

www.kukarobotics.co.uk

E: sales@kukarobotics.co.uk

ROBOTS - COLLABORATIVE

KUKA Robotics UK Ltd

Wednesbury, West Midlands, WS10 7LL T: 0121 505 9970 T: 0121 505 9970 E: sales@kukarobotics.co.uk

Oaks Ind. Est., Festival Drive,

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

TAWI UK Unit G, Pentagon Park, Lodge Farm, Northampton, NN5 7UW

T: 01604 591120 E: eh.uk.sales@piab.com www.tawi.com

ROBOTS - DELTA STYLE



T: +31 (0)348 410 999 E: sales@blueprintautomation.nl www.blueprintautomation.com

CAMA 3 Ltd

House, <u> Cama</u> Suite 44, Berkeley House, Hunts Rise, South Marston Park, Swindon, Wilts, SN3 4TG T: 01793 831111 F: 01793 831481 E: cama3@camagroup.com www.ca

KUKA Robotics UK Ltd

Wednesbury, West Midland T: 0121 505 9970 ls. WS10 7LL

E: sales@kukarobotics.co.uk www.kukarobotics.co.uk

Tekpak Automation (UK Sales) Tekpak

кевятыя 🚇 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

SATCHET MACHINES

Autopack Ltd

Unit 6, Twyford Court, Rotherwas Industrial Estate, Hereford HR2 6JR To 1432 800 377 E: info@auto-pack.co.uk www.auto-pack.co.uk



парак Ltd Uxbridge, Middlesex UB8 2YF

020 8797 2000

E: sales@ilapak.co.uk www.ilapak.com

Marchesini (TMG) UK Ltd

Unit M3 & 4, Cherrycourt Way, Leighton Buzzard, Beds LU7 4UH T: 01525 216201 F: 01525 216200 E: sales@marchesini.co.uk www.marchesini.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

SAFETY GUARDING

Leuze The Sensor People

01480 408500 mail@leuze.co.uk www.leuze.co.uk

SFAI TESTING



T: +31 (0)348 410 999 E: sales@blueprintautomation.nl www.blueprintautomation.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

Jenton Ariana

T: +44 (0)1256 892194 E: sales@jenton.co.uk

E: sales@jenton.co.uk www.jentonariana.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

SENSORS FOR AUTOMATION

01480 408500 mail@leuze.co.uk

Leuze

The Sensor People

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

Marchesini (TMG) UK Ltd

Unit M3 & 4, Cherrycourt Way, Leighton Buzzard, Beds LU7 4UH MARCHESIN GROUP

T: 01525 216201 F: 01525 216200 E: sales@marchesini.co.uk www.marchesini.com

Tekpak Automation (UK Sales) Tekpak

← +44 (0)113 350 5694

■ sales@tekpak.co.uk PERMISE @ www.tekpak.co.uk

All Equipment Manufactured in Ireland **SHELF-READY PACKAGING**

Propack Automation Machinery Ltd 10 Hill Wootton Rd, Leek Wootton, Warwicks, CV35 7Q T: 02476 470074 E: office@propack.co.uk www.propack.co.uk

Prince of Wales Works, Armytage Road, Brighouse, West Yorkshire HD6 1OF

SHRINK SLEEVING



info@vps.co.uk W: www.yps.co.uk

SHRINK TUNNELS



T: 01484 715111 info@yps.co.uk W: www.yps.co.uk Prince of Wales Works, Armytage Road, Brighouse, West Yorkshire HD6 1QF

SHRINK WRAPPING



T: 01282 601444 E: sales@adpak.co.uk www.adpakmachinervsvstemsltd.co.uk

A twell self-adhesive Labellers T. 01444 239970

E: sales@atwell-labellers.co.uk www.labeller.co.uk



Bradman Lake Group Integrated Packaging Technology

T: +44 (0)1502 470 500 E: sales@bradmanlake.com From Process to Pallet www.bradmanlake.com

Ilapak Ltd

парак Ltd Uxbridge, Middlesex Fleible Purksurer (1992) T: 020 8797 2000

(i)

MARCHESINI GROUP

E: sales@ilapak.co.uk www.ilapak.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

Marchesini (TMG) UK Ltd Unit M3 & 4, Cherrycourt Way, Leighton Buzzard, Beds LU7 4UH T: 01525 216201 F: 01525 216200



Marden Edwards Shrinkwrap



Penn Packaging Ltd
Harkstead Hall Barn,
Ipswich, Suffolk IP9 1DB
T: 01473 893990 www.penn-packaging.co.uk
E: email@penn-packaging.co.uk

Sidel UK Ltd

Silver Court Watchmead, 3, Sidel Welwyn Garden City, AL7 1LT 1: 01707 202020 T: 01707 292820

E: enquiries.uk@sidel.com www.sidel.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



T: 01484 715111 info@yps.co.ul W: www.yps.co.uk

Prince of Wales Works, Armytage Road, Brighouse, West Yorkshire HD6 1QF

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 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

SLEEVE FEEDERS



T: 01444 239970 E: sales@atwell-labellers.co.uk www.labeller.co.uk

SLEEVING MACHINES



Bradman Lake Group Integrated Packaging Technology

T: +44 (0)1502 470 500 E: sales@bradmanlake.com From Process to Pallet www.bradmanlake.com

CAMA 3 Ltd

cama Suite 44, Berkeley House, Hunts Rise, South Marston Park, Swindon, Wilts, SN3 4TG T: 01793 831111 F: 01793 831481

: cama3@camagroup.com www.camagroup.com



28b Burnett Business Park Gypsy Lane, Keynsham, Bristol BS31 2ED T: 0117 986 5417 www.kevmac.co.uk

Kliklok International Ltd

Western Drive, Bristol BS14 0AY E: Jason.Godwin@syntegon.com T: 01275 557639 SYNTEGON www.syntegon.com

SPECIAL PURPOSE MACHINES

CMF Ltd

Combe St Nicholas, Somerset, TA20 3NL T: 01460 269500 F: cme@cme-ltd.com ww.cme-ltd.com



GGRIPPLE AUTOMATION

info@grippleautomation.com www.grippleautomation.com T: 0114 5536250

Mpac Langen

sales.emea@mpac-group.com www.mpac-group.com



Barton-Upon-Humber Olmec DN18 5RL Olmec-UK Ltd

T: 01652 631960 quality through innovation E: sales@olmec-uk.com www.olmec-uk.com

quality through innovation

SPIRAL CONVEYORS



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

SCM Handling Ltd

Broadgauge Business Park, Taunton, Somerset, TA4 3RU T: 01823 431838 F: 01823 430806 MANDUNG E: sales@scmhandling.com www.scmhandling.com

STACKING

Jenton Ariana

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

JENTON ariana

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



Marchesini (TMG) UK Ltd

Unit M3 & 4, Cherrycourt Way, Leighton Buzzard, Beds LU7 4UH T- 01525 216201 F- 01525 216200 E: sales@marchesini.co.uk www.marchesini.com



RAUPACK

105 Newdigate Road, Nottingham, NG16 1HN T: 0115 875 9846 E: contact@raupack.co.uk www.raupack.co.uk

STITCHERS

Fischbein

FISCHBEIN

Tel.: +44 208 344 6600 Fmail: salesuk@fischhein.com

STRAPPING

www.fischbein.com

BLACKSTAR HANDLING SYSTEMS

3 Pendle Place, Skelmersdale, Lancashire WN8 T: 01695 558615 E: info@blackstarhandlingsyste www.blackstarhandlingsystems.com WN8 9PN

STRETCHING HOODING

Fischbein

FISCHBEIN Tel.: +44 208 344 6600 Fmail: salesuk@fischbein.com www.fischbein.com

STRETCH WRAPPERS

Aetna UK Limited

Oakley, Bedford, MK43 7TA ROBOPAC T T: 01234 825050 E: sales.uk@robopac.com www.aetnagroup.co.uk

Fischbein

FISCHBEIN

C

MARCHESINI GROUP

Tel.: +44 208 344 6600 Email: salesuk@fischbein.com www fischhein com

Marchesini (TMG) UK Ltd Unit M3 & 4, Cherrycourt Way

Leighton Buzzard, Beds LU7 4UH T: 01525 216201 F: 01525 216200 E: sales@marchesini.co.uk www.marchesini.com



Unit 3 Malory Road Beacon Park, Gorleston, Great Yarmouth,

T: 01493 257070 F: info@siat.co.uk www.siat.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



T: 01484 715111 info@yps.co.ul W: www.yps.co.uk

Prince of Wales Works, Armytage Road, Brighouse, West Yorkshire HD6 1QF

TABLET, CAPSULE, CONFEC PRINTING

Weber Packaging Solutions Weber Macmerry Industrial Estate, Tranent, East Lothian, EH33 1HD T: 01875 611 3110 E: sales@weber.co.uk www.weber.co.uk

TAMPER EVIDENT SLEEVING



sales@tekpak.co.uk All Equipment Manufactured in Ireland

Weber Packaging Solutions Weber Macmery 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

Uxbridge, Middlesex Revible Packaging Solutions
T: 020 8797 2000
E: sales@ilanaker

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

THERMAL PRINTERS



Advanced Labelling Systems Limited

Unit B, Bandet Way, Thame, Oxon, OX9 3SJ T: 01844 213177 www.als-uk.com

ATD Marking Systems

Marley House, The Mill, Great Bowden Road,
Market Harborough, Leicestershire, LE16 7DE
T: 01858 461014 F: 01858 436900 marking 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

Open Date Equipment Ltd

Mitcham, Surrey CR4 4DG T: 020 8655 4999 E: sales@opendate.co.uk www.opendate.co.uk

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

DATE

Weber Packaging Solutions Weber

THERMAL VISION INSPECTION

Bytronic

Birmingham, B60 1BL T: +44 (0)1564 793174 E: hello@bytronic.com www.bytronic.com

THERMOFORMING

Marchesini (TMG) UK Ltd

Unit M3 & 4, Cherrycourt Way, Leighton Buzzard, Beds LU7 4UH T: 01525 216201 F: 01525 216200 E: sales@marchesini.co.uk www.marchesini.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 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

TRACK & TRACE



Marchesini (TMG) UK Ltd

Unit M3 & 4, Cherrycourt Way, Leighton Buzzard, Beds LU7 4UH MARCHESINI GROUP T: 01525 216201 F: 01525 216200 E: sales@marchesini.co.uk www.marchesini.com

RALIP

T: 0115 875 9846 E: contact@raupack.co.uk www.raupack.co.uk

Sealpac UK Ltd SEALPAC LIKE PARTHERS 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

Tekpak Automation (UK Sales) +44 (0)113 350 5694 Tekpak sales@tekpak.co.uk

www.tekpak.co.uk All Equipment Manufactured in Ireland

TRAY DENESTING 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

Sealpac UK Ltd SEALPAC LIK 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

TRAY ERECTING/PACKAGING



T: +31 (0)348 410 999 E: sales@blueprintautomation.nl www.blueprintautomation.com





T: +44 (0)1767 316422 E: sales@endoline-automation.com www.endoline-automation.com

ETT UK Limited

Beccles, Suffolk, NR34 7TD T: 01502 470812 E: geoff@ett-uk.com



KHS UK Limited

6 Monkspath Business Park.

www.ett-uk.com



Highlands Road, Shirley, Solihull, B90 4NY T: 0121 713 6900 F: 0121 713 6935 E: info@khs.com www.khs.com

www.propack.co.uk

Kliklok International Ltd

Western Drive, Bristol BS14 0AY
E: Jason.Godwin@syntegon.com
T: 01275 557639 www.syntegon.com

Sidel UK Ltd Silver Court Watchmead, 3, Sidel Welwyn Garden City, AL7 1LT T: 01707 292820

E: enquiries.uk@sidel.com www.sidel.com



Tekpak Automation (UK Sales)

C +44 (0)113 350 5694 ■ sales@tekpak.co.uk ■ www.tekpak.co.uk All Equipment Manufactured in Ireland



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, Kettles Wood Drive, Woodgate Business Park, Birmingham B32 3DB

T: 0121 607 7700 F: 0121 607 7666 E: info@ishidaeurope.com www.ishidaeurope.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

Sealpac UK Ltd SEALPAC 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



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

TUB/CUP FILLING & **CLOSING MACHINES**

OPTIMA Packaging Machinery PLC Chapman Way, Hethel, Norwich NR 14 8FB

Chapman Way, Hethel, No Hethel Engineering Centre E: info-uk@optima-packaging.com OPTIMA www.optima-packaging.co.uk

Propack Automation Machinery Ltd

10 Hill Wootton Rd, Leek Wootton, Warwicks T: 02476 470074 E: office@propack.co.uk www.propack.co.uk

REISER 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

TUBE FILLING

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



OPTIMA Packaging Machinery PLC

Chapman Way, Hethel, Norwich NR 14 8FB Hethel Engineering Centre E: info-uk@optima-packaging.com www.optima-packaging.co.uk

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



T: +31 (0)348 410 999 E: sales@blueprintautomation.nl

www.blueprintautomation.com

Capmatic Europa Ltd

T: UK +44 121 630 2052 / IE +353 188 31 695 **ICAPMATIC** E: sales@capmatic.com www.capmatic.com EUROPA

OPTIMA Packaging Machinery PLC Chapman Way, Hethel, Norwich NR 14 8FB Hethel Engineering Centre

E: info-uk@optima-packaging.com OPTIMA www.optima-packaging.co.uk

Propack Automation Machinery Ltd 10 Hill Wootton Rd, Leek Wootton, Warwicks, CV35 7QI T: 02476 470074 E: office@propack.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 coperion www.coperion.com

piab

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

TAWI UK

Unit G, Pentagon Park, Lodge Farm, Northampton, NN5 7UW T: 01604 591120 E: eh.uk.sales@piab.com www.tawi.com

VACUUM CUPS

Oaks Ind. Est., Festival Drive, 2010 Loughborough, LE11 5XN
T: 01509 857010 F: 01509 857011
E: info-uk@piab.com www.piab.com

Unit G, Pentagon Park,

Lodge Farm, Northampton, NN5 7UW Г: 01604 591120 E: eh.uk.sales@piab.com www.tawi.com

VACUUM LIFTING EOUIPMENT

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: eh.uk.sales@piab.com www.tawi.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

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

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, **piab**

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

Sealpac UK Ltd SEALPAC. UK

TAWI

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

TAWI UK

Unit G, Pentagon Park, Lodge Farm, Northampton, NN5 7UW T: 01604 591120 E: eh.uk.sales@piab.com www.tawi.com

VACUUM TRANSFER SYSTEMS

Coperion K-Tron GB

4 Acorn Business Park, Stockport, Cheshire, SK4 1AS T: 0161 209 4810

E: ckb@coperionktron.com coperion www.coperion.com

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

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 **VIBRATORY BOWL FEEDERS**

VERIFICATION

Packaging Systems
T: 01252 815252 T: 01252 815252 E: fuji@paramount-packaging.co.uk www.paramount-packaging.co.uk

PARAMOUNT

Riley Automation

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

RNA AUTOMATION LTD

Birmingham B35 7AG T: 0121 749 2566

www.rnaautomation.com



TM Robotics Ltd

Welwyn Garden City, Hertfordshire, AL7 1JG T: 01707 290370 T: 01707 290370 E: sales@tmrobotics.co.uk www.tmrobotics.co.uk

VIBRATORY CONVEYORS SYSTEMS

Sealpac UK Ltd SEALPAC LIKE PARTHERS Units 1-3, The Concept Centre, Innovation Close, Poole, Dorset BH12 4QD, UK T: 0845 30; 3056 F: 0845 30; 3057 E: sales@sealpac-uk.com www.sealpac-uk.com

VIBRATORY WEIGHERS

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

VISION COMPONENTS



T: 01428 748874 M: 0753 1122211 E: info@alliedvision.com www.alliedvision.com

IDS

IDS Landmark House, Station Road, IDSI Hook, RG27 9HA 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

Scorpion Vision Ltd 118 Gore Road, New M Hampshire BH25 6SJ T: 01590 679333 E: sales@scorpion.vision www.scorpionvision.co.



VISION - END OF LINE INSPECTION



T: +31 (0)348 410 999 E: sales@blueprintautomation.nl www.blueprintautomation.com

Jenton Dimaco

T: +44 (0)1234 851515 E: sales@dimaco.vision www.dimaco.co.uk



Olmec-UK Ltd Barton-Upon-Humber Olmed DN18 5RL quality through innovation T: 01652 631960 E: sales@olmec-uk.com www.olmec-uk.com

Scorpion Vision Ltd 118 Gore Road, New Milton, 118 Gore Road, New Milt Hampshire BH25 6SJ T: 01590 679333 E: sales@scorpion.vision 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

SICK (UK) LTD
Waldkirch House, 39 Hedley Rd,
Sensor Intellige
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 T: 01684 310000 E: sales@sparc-systems.co.uk www.sparc-systems.co.uk

Valco Melton UK (M) (M) VALCO MELTON

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

VISION - HIGH SPEED IMAGING



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 Scorpion Vision Ltd 118 Gore Road, New Milto Hampshire BH25 6SJ T: 01590 679333 E: sales@scorpion.vision www.scorpionvision.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

VISION INSPECTION



T: 01428 748874 M: 0753 1122211 E: info@alliedvision.com www.alliedvision.com

Bytronic Birmingham, B60 1BL T: +44 (0)1564 793174 E: hello@bytronic.com www.bytronic.com

IMPERX, Inc. Florida, 33487, USA T: (+1)-561-989-0006 E: sales@imperx.com www.imperx.com

Jenton Dimaco

T: +44 (0)1234 851515 E: sales@dimaco.vision www.dimaco.co.uk



Scorpion Vision Ltd 118 Gore Road, New Milte Hampshire BH25 6SJ T: 01590 679333 E: sales@scorpion.vision 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

SICK (UK) LTD

Waldkirch House, 39 Hedley Rd, Sensor Intellige St Albans, Herts AL1 5BN T: 01727 831121 F: 01727 856767 E: info@sick.co.uk E: info@sick.co.uk www.sick.co.uk

Valco Melton UK Hortonwood 32, Telford TF1 7YN T: 01952 677911 F: 01952 677945 VALCO MELTON

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

E: uk@valcomelton.com www.valcomelton.com

VISION – LINE SCAN TECHNOLOGY

Alrad Imaging Newbury, Berkshire RG14 2NS ALRAD T: 01635 30345 IMAGING E: sales@alrad.co.uk www.alrad.co.uk Alrad Imaging is a trading division of Alrad Instruments Ltd.

Packaging Equipment

To advertise contact David Chadd: T 020 8773 5505 E david.chadd@ppma.co.uk

Landmark House, Station Road, DS:

Hook, RG27 9HA
T: 01256 962910
E: uksales@ids-imaging.com www.ids-imaging.com

Ienton Dimaco

T: +44 (0)1234 851515 F: sales@dimaco.vision www.dimaco.co.uk



Scorpion Vision Ltd

118 Gore Road, New Milte Hampshire BH25 6SJ T: 01590 679333 E: sales@scorpion.vision www.scorpionvision.co.uk



VISION - SYSTEMS



E: info@alliedvision.com www.alliedvision.com



Bradman Lake Group Integrated Packaging Technology

T: +44 (0)1502 470 500 E: sales@bradmanlake.com From Process to Pallet www.bradmanlake.com

Bytronic Birmingham, B60 1BL T: +44 (0)1564 793174 E: hello@bytronic.com www.bytronic.com

IMPERX, Inc.
Florida, 33487, USA
T: (+1)-561-989-0006
E: sales@imperx.com www.imperx.com

Leuze The Sensor People

01480 408500 mail@leuze.co.uk www.leuze.co.uk

Olmec-UK Ltd

T: 01652 631960

Barton-Upon-Humber Olmec
DN18 5RL quality through innovation

E: sales@olmec-uk.com www.olmec-uk.com

Scorpion Vision Ltd

118 Gore Road, New Hampshire BH25 6SJ T: 01590 679333 E: sales@scorpion.vision



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

SICK (UK) LTD

Waldkirch House, 39 Hedley Rd, Sensor Intellige St Albans, Herts AL1 5BN T: 01727 831121 F: 01727 856767 E: info@sick.co.uk

E: info@sick.co.uk www.sick.co.uk

Tekpak Automation (UK Sales)

C +44 (0)113 350 5694 sales@tekpak.co.uk www.tekpak.co.uk Tekpak All Equipment Manufactured in Ireland

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

Landmark House, Station Road, IDS Hook, RG27 9HA 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@scorpion.vision www.scorpionvision.co.uk



SICK (UK) LTD

39 Hedley Rd, 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

Birmingham, B60 1BL T: +44 (0)1564 793174

E: hello@bytronic.com www.bytronic.com

-Ecrestsolutions

Serving the Life Sciences sector for over 20 years

T: +44 (0)1536 560275 E: info@crestsolutions.co.uk www.cxvglobal.com

GGRIPPLE

AUTOMATION info@grippleautomation.com

www.grippleautomation.com T: 0114 5536250

IMPERX, Inc. Florida, 33487, USA T: (+1)-561-989-0006

E: sales@imperx.com www.imperx.com

RNA AUTOMATION LTD

E: sales@rnaautomation.com www.rnaautomation.com



Scorpion Vision Ltd

118 Gore Road, New Milte Hampshire BH25 6SJ T: 01590 679333 E: sales@scorpion.vision www.scorpionvision.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

WEB PROCESSING

Olmec-UK Ltd

Barton-Upon-Humber DN18 5RL Olmec quality through inno

T: 01652 631960 quality through innovation E: sales@olmec-uk.com www.olmec-uk.com

WEIGHING MACHINES

Anritsu Product Inspection & Detection Unit 3, Scott Road, Luton, LU3 3BF, UK /inritsu

T: +44 (0)845 539 9729 www.anritsu.com/infivis

AST Ltd



T: +44(0)7730 656691 Precision in Weighing Tech E: wd@multiweighuk.com www.multiweighuk.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 Flexible Systems

Nottingham, NG9 1PF, United Kingdom T: 0115 967 8787 E: sales@bwflexiblesystems www.bwflexiblesvstems.com

Coperion K-Tron GB

4 Acorn Business Park, Stockport, Cheshire, SK4 1AS T: 0161 209 4810 E: ckb@coperionktron.com coperion www.coperion.com

Fischbein **FISCHBEIN**

Tel.: +44 208 344 6600 Email: salesuk@fischbein.com



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

Industriestrasse 32, 8200 Gleisdorf, Austria. T: +43 3112 38580-0 E: office@statec-binder.com www.statec-binder.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

WELDING

KUKA Robotics UK Ltd

Wednesbury, West Midlands, WS10 7LL T: 0121 505 9970



WRAP AROUND CASE PACKING



WestRock

Unit 3 Malory Road, Beacon Park, Gorleston, Great Yarmouth, NR31 7DT, UK T: 01493 257070 E: aps.uk@westrock.com/automation-uk

WRAP AROUND PACKERS



T: 01282 601444 E: sales@adpak.co.uk www.adpakmachinerysystemsItd.co.uk



T: +31 (0)348 410 999 E: sales@blueprintautomation.nl www.blueprintautomation.com



T: +44 (0)1502 470 500 E: sales@bradmanlake.com From Process to Pallet www.bradmanlake.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.c

ETT UK Limited

Beccles, Suffolk, NR34 7TD T: 01502 470812

E: geoff@ett-uk.com www.ett-uk.com





IXAPACK GLOBAL

T: +33 549 820 580 E: info@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
Harkstead Hall Barn,
Ipswich, Suffolk IP9 1DB Warkstrage Bedrag Could
T: 01473 893990 www.penn-packaging.co.uk E: email@penn-packaging.co.uk

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

Rovema Packaging Machines Ltd

ROVEING 1 Centre, Calebouse Close, Aylesbury, Bucks HP19 8DP T: 01296 310490 F: 01296 483440 F: sales@rovema.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

WRAPPING/OVERWRAPPING

3 Pendle Place, Skelmersdale, Lancashire WN8 9PN T: 01695 558615 E: info@blackstarhandlingsystems.com www.blackstarhandlingsystems.com

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

Ilapak Ltd

Uxbridge, Middlesex Flexible Parkers T: 020 8797 2000 E: sales@ilapak.co.uk www.ilapak.com



IXAPACK GLOBAL

T: +33 549 820 580 E: info@ixapack.com www.ixapack.com

Marchesini (TMG) UK Ltd

Unit M3 & 4, Cherrycourt Way, Leighton Buzzard, Beds LU7 4UH T: 01525 216201 F: 01525 216200 E: sales@marchesini.co.uk www.marchesini.com

Marden Edwards Shrinkwrap

MARCHESIN GROUP

Wimborne, Dorset BH21 7SH
T: 01202 861200 SHRINK
E: info@meshrinkwrap.com

www.meshrinkwrap.com

Sollas UK Ltd Hampshire RG28 7BB T: 01256 896930

∡ sollas

E: sales@sollasuk.com

T: 01484 715111

info@yps.co.uk W: www.yps.co.uk PACKAGING SYSTEMS W: WWW.yps.co Prince of Wales Works, Armytage Road, Brighouse, West Yorkshire HD6 1QF

X-RAY INSPECTION SYSTEMS

+44 (0)845 539 9729 www.anritsu.com/infivis

Anritsu Product Inspection & Detection Unit 3, Scott Road, Luton, /Inritsu LU3 3BE, UK

Fortress Technology (Europe) Ltd Banbury, Oxon, OX16 1RH T: 01295 256266 **FØRTRESS**

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 SEALPAC UK

Malvern, Worcestershire, WR13 6NP T: 01684 310000 E: sales@sparc-systems.co.uk Sparc www.sparc-systems.co.uk

Leeds, LS11 5AL T: 0113 322 1546

E: Sales-UK@fortresstechnology.com www.fortresstechnology.co.uk

Units 1-3, The Concept Centre, 6 Partins 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



E: sales1@vamatoscale.co.uk www.vamatoscale.co.uk

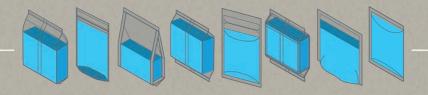


Our Machines provide:

- Flexibility to run fully recyclable materials, including paper
- Quality seals at optimized speeds, reducing both material and product waste
- Smaller footprints with reduced resource consumption

Next Generation Flexible Packaging

At BW Flexible Systems, we're building next generation innovative solutions which solve our customers greatest packaging challenges. Our class-leading intelligent hygienic design and intuitive operation deliver value where it matters most: food safety, operational efficiency, and sustainability.



Tel: **0044 1159 678787** bwflexiblesystems.com



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