

Advances in palletising

ABB is introducing two new palletising robots, three palletising grippers and an easy to use programming software package, all designed to make palletising simpler, faster and more efficient.



The IRB 760 robot from ABB

The IRB 460 is a compact unit with 110kg capacity and is capable of up to 2,190 cycles an hour. This 4-axis robot is designed for high speed end of line palletising and bag palletising and has a reach of 2.4 metres. Also, it occupies 20% less floor space.

For high output full layer palletising, ABB is introducing the IRB 760 robot which is especially suited for palletising beverages, building materials and chemicals. It boasts a payload capacity of 450kg and a reach of 3.2 metres.

The new software just launched is called RobotStudio Palletising PowerPac. 01908 350300 www.abb.co.uk/robotics

Wraparound unit can go round corners with ease

Markem-Imaje has launched a 2000 series corner wrap applicator to bring added reliability and performance to front/side and front/top labelling.

It is designed to meet the needs of retailers that demand corner labelling of shipping cases and trays to increase visibility of the SKU's product and traceability codes. A number of manufacturers also use this technique to add extra data to the label such as extended product details and foreign language text.

The 2000 series corner wrap prints and applies labels to moving cases at speeds up to 30 units a minute. With three interchangeable applicator pads, it can handle a wide range of label sizes, and can be readily switched from front/side to front/top operation. Thanks to its limited conveyor belt overhang, the 2000 corner wrap can also



The 2000 series corner wrap unit meets retailer needs for visibility

label low sided trays efficiently and consistently.

Once an oncoming package is detected, the label is printed and fed to the applicator. It adheres to the front face of the case, then is wiped cleanly along the side or top in a smooth motion to ensure precise label placement. Non-stick applicator pads help to increase productivity by

eliminating time spent cleaning up any label residue.

Constructed from stainless steel and aluminium, the unit shares the mechanical, electrical and pneumatic modularity of the existing 2000 series of equipment, thus ensuring a clear future upgrade path.

0161 333 8400 www.markem-imaje.co.uk

Vertical form, fill and seal for foods

Xact Prepack has launched a range of vertical form, fill and seal (vffs) packaging equipment to go with its range of net bagging and weighing machinery. It can produce pillow pack style bags and is ideal for loose and granulated fresh and dried foods.

The combination of high speed weighing and bagging means up to 100 bags a minute can be handled.

This vffs range can be synchronised with a range of printers, labellers and feed systems including auger feed

machines for feeding powdered products, cup fillers, multihead weighers and bucket conveyors. It is also compatible with the Xact PAC range of multihead weighers.

0151 479 3070 www.xactpack.co.uk

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Take a fresh look at coding and marking

Small runs handled easily

Cap Coder has developed a new filling and screw capping machine aimed at small batch production runs or laboratories which addresses the challenges of changing production needs.

The prime aim of the CC1170 is to reduce the dependence on highly qualified, expensive operators while making the machine compact and easily manoeuvrable within the confines of limited production space.

Bottles are loaded on mass onto a central rotary feed table from a collapsible transfer platform by an operator. These are then fed through an integral automatic filling station supplied by means of a peristaltic pump



Cap Coder's filling and screw capping machine is designed to handle small batches

before being tightened by one of Cap Coder's CC720 Mk V1 capping heads that has a torque and speed controlled servo drive motor.

Each cycle is completed when the bottles arrive at the collating area for packaging.

Importantly, this entire operation can be handled easily by one operator. A pre-count functionality along with plc controls allows the operator to leave the machine to fulfil other duties for short periods.

Depending on filling requirements, the CC1170 can operate at up to 30 bottles a minute on sizes ranging between 5ml and 250ml. It is ideal for filling and capping bottles with high value contents in small batches.

Delivery forecasts are 6-8 weeks from receipt of order. 01865 891466 www.capcoder.co.uk

Affordable semi automatic strapper

Gordian Strapping has launched the i-10 semi-automatic strapping machine into the UK for smaller factories, offices and even retail outlets.

This compact, reliable and easy to use machine is ready to operate in just 45 seconds and, with few moving parts, is also quiet.

"The i-10 completes our strapping range because it

offers a low cost, entry level machine for customers who intend to make a move from hand strapping to semi-automatic strapping," says Daren Spice, the new sales & marketing director at the company. "A video on our website shows just how easy the machine is to operate."

01256 394400 www.gordianstrapping.com



The i-10 strapper is an entry level machine from Gordian

Pre-owned robot for the automation-shy

Pacepacker has developed the Blu-Robot palletising option for low production or seasonal companies that find new systems too expensive.

The Blu-Robot, which typically incorporates an

ABB robotic arm originating from the automotive industry and is approximately 35% of the way through its expected 100,000 operational hour lifespan, has been successfully installed at fresh produce packers.

The unit is supplied fully checked, tested and repainted, and comes with a 12 month parts warranty together with service and spares back-up.

01371 811544 www.pacepacker.com

Universal clamp improves productivity levels


A universal container transfer clamp from Serac allows perfect centring of the neck between the three fingers of the clamp thus

allowing transfer of containers with neck diameter ranging from 25-45mm and 35 to 60mm without the need to change

tools. Another version is available for aseptic filling of beverages.


01235 537222 www.serac-group.com

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