NEW PRODUCTS

AIR PRODUCTS Sp. z o.o.  
System Freshline® Aroma MAP™ do żywności pakowanej

AMPERO THERMO-EST Sp. z o.o.  
Tablicowy dwukanałowy rejestrator i miernik temperatury typu AM 54

BECK CLIP SYSTEMS Sp. z o.o. (wcześniej MAGA) 
Klipsownica automatyczna BDC-700 AM
**BeHo spol. s r.o.**

**PASTEURIZATION STATIONS**

Through-flow pasteurization stations are designed for pasteurization of milk, fruit juices and egg melange. The output of these stations is, according to the client requirements, 500-30,000 litres/hour. Depending on client requirements, these stations are fully automatic in most cases.

- steam or electric heating;
- automatic monitoring of pasteurization temperature
- recording pasteurization temperature and pressures
- easy operation and maintenance
- acoustic and light signalling of a failure — e.g. a decrease in pasteurization temperature
- simple and quick assembly and commissioning at the client’s plant,
- connection to a higher control system, including remote transmission of recorded parameters

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**BeHo spol. s r.o.**

**CIP STATIONS**

Stations for the preparation and storage of sanitation solutions are supplied as a part of technology for butter-making facilities, or as separate units for dairies, breweries, syrup-making facilities, meat-processing industry, etc. The performance, layout, level of automation etc. is always solved according to client requirements and space possibilities. Single-circuit CIP stations are used for small- and medium-sized facilities. Dual-circuit CIP stations are supplied for larger dairy plants to save time.

The use of four insulated tanks and the automatic separation of CIP solutions according to a concentration sensor on the return line ensure the most economical operation of these stations.

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**BIZERBA POLSKA Sp. z o.o.**

**Self-service checkout Supersmart**

By merging AI (artificial intelligence), algorithms and computer vision into advanced software and hardware solutions, Supersmart and Bizerba achieve a fundamentally new customer experience in all sectors and formats of the retail industry. Additional economic benefits result from the optimized shopping process, the reduction of product losses and inventory discrepancies and shorter waiting and handling times at the checkout. The cooperation enables Bizerba to expand its product portfolio in existing markets and to offer an innovative, unique shopping process.

Self-service checkout Supersmart for small and big retailers

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**BIZERBA POLSKA Sp. z o.o.**

**Industrial slicer A 660**

Fully automatic slicer with integrated weighing technology for portioning and weighing of individual slices. With fully automatic product fixation. Easy to service and very robust — perfect for industrial use.

Preparation of cold cut and cheese platters. Slicing to exact target weight. 40 - 300 slices per minute with and without scale loading capacity for products up to 900 mm long
BIZERBA POLSKA Sp. z o.o.

Manual gravity slicer GSP H W

The manual premium gravity feed slicer sets worldwide standards in terms of ergonomics, hygiene, and safety. This manual slicer uses gravity and is easy to operate even when slicing heavy products thanks to its ergonomic, inclined carriage and the Bizerba precision. It stands out due to its wealth of variants. Individual and powerful slicer for a variety of products to be sliced in manual mode. This slicer consists of a powerful blade drive. In addition, the GSP H can be fitted with Ceraclean® surface which is easy to clean and ensures easy feeding of products to the blade. New functionality: slicing and cutting in one step. HMI touch screen - weight display, display of number of slices. anodized aluminum Bizerba Ceraclean® (optional) fiber-reinforced composite transparent plastics for food contact Slice thickness adjustment: Infinitely 0 - 24 mm / 0 - 0.9" Fine setting 0 - 3 mm / 0 - 0.1"

BIZERBA POLSKA Sp. z o.o.

PC scale MC II 500 Pro

Modern self-service weighing. This is what the M-Class II Pro stands for. The MC II 500 Pro meets the need for a modern self-service scale. Its stand opens up opportunities for new store concepts – without requiring any additional table or base. Its sleek, attractive design ensures that customers will have no hesitations about using the scale. The optimally ergonomic weighing tray is designed in the shape of a fruit bowl. Loose items cannot fall out during weighing. New functionality: linerless autocutter with visual indication for label removal: Blue LED bar High-end PC scale with a powerful Intel® Quad Core processor: More performance for optimized graphics while consuming minimum energy Large RAM: Ideally suitable for new features and requirements. Current Windows and Linux operating system: 64 bit. Weighing tray/pan: shape of fruit bowl: Optimized for produce sold loose or elongated vegetables. Easy handling: Removable via bayonet fitting, break-proof, dishwasher-safe, easy removal of stray label. Storage space for replacement label rolls or cleaning materials accessible from both sides

BROKELMANN Sp. z o.o.

FREE - STANDING WEIGHT SCALE FOR TROLLEYS STUFFING 200L

FREE - STANDING WEIGHT SCALE FOR TROLLEYS STUFFING 200L applications
- without ramps or landings,
- hygienic finishing,
- Mettler Toledo electronic weight system,
- measurement of net, gross and tare weight,
- possibility of working in LAN network- ETHERNET connection,
- possibility printer connection,
- measurements diagrams,
- comparing net/gross weight with target value.
- Dimensions: 1720x1090x1000/1500(mm),
- Machine weight: approx. 110 kg,
- Maximum loading 300kg (weight of trolley included),
- adjustable machines height,
- Power supply: 85-264 V AC; 750 mA,
- IP 65.

ELZAB

POS ELZAB IPC17+

ELZAB IPC17+ is a second generation of industrial computers with a 17” screen and resistive touch panel. The undoubted advantage of the device is a large number of 1 / 0 ports (6 COM ports, 4 USB ports, VGA connector for an additional external monitor and 2 LAN ports). The device is passively cooled to reduce the amount of dust entering the interior. The degree of screen protection is IP65. Thanks to the dedicated holders, the device can be built into the kiosk. Mounting is also possible in accordance with the VESA 75 or VESA 100 standard. The device has a two-year warranty. Industrial computers are most often used in industrial automation, logistics and energy sector. They also appear more and more often at self-service kiosks.

Display
- Screen diagonal: 17" frameless design
- Screen brightness: 300 cd/m2
- Touch panel type: Resistive 5 wire
### ELZAB

**Industrial label printer GODEX ZX420**

The label printer for high print demand. Compact size of the device allows to install even in confined spaces.

Construction of internal mechanism and is exactly the same as in industrial printers (mounted to the printer wall), which allows easy application of consumables and changing the print head. Both construction elements – internal and external are metal. In addition, the printer can be equipped with LCD data and an Ethernet connection.

- **USB**: 2 x USB 2.0 ; 2 x USB 3.0
- **Serial ports**: 6 x D-SUB9 (RS232) ; powered COM2/3(5V/12V), powered COM4(5V)
- **Additional display port**: 1 x VGA
- **Ethernet**: 2 x RJ-45 (10/100Mbps Giga LAN)
- **Audio**: Line out, Mic in

### ELZAB

**Datalogic Memor 10 PDA**

**MEMOR™ 10 – THE POWER OF A SMARTPHONE, DESIGNED FOR ENTERPRISE**

If you are looking for the power and the performance of a smartphone but are concerned about the typical Enterprise challenges, the new Datalogic Memor 10 PDA is the perfect rugged device for you! Memor 10 incorporates the latest smartphone technologies and the user friendly experience of Android™ in a slim and compact design, combined with high performance 1D/2D bar code scanning and industrial robustness for almost any indoor or outdoor environment.

- **5 inch capacitive multi-touch HD display with Dragontrail™ hardened glass**
- **Android 8.1 (Oreo) with Google Mobile Services**
- **Ruggedized with drop resistance to 1.5m / 5ft to concrete and IP65 sealing**
- **Dual band Wi-Fi including the latest 802.11ac standard and 802.11r/k for fast roaming**
- **Bluetooth v4.2 short range wireless technology**
- **Advanced 2D ultra-slim imager with Datalogic's patented ‘Green Spot’ technology for visual good-read feedback**
**ERKA**

**Pavilion 5, stand 44**

**FREUND Trimmers**

Reliable German meat Trimmers FREUND. Wide processing range - defatting, filleting, cutting, retrieving meat from bones. Trimmers used in meat, poultry and fish industry.

Technical attributes:

FREUND Trimmers available with electric or pneumatic drive. Durable knives of diameter of 16 mm to 128 mm. Spare parts available from stock in Poland.

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**FENIX SYSTEMS Sp. z o.o.**

**Pavilion 5, stand 116 / 117**

**Volpak machine for stand up pouches SI-280**

SI-280 - Is the ideal machine for stand up pouches of up to 600 ml capacity offering flexibility in the change of format, with the added capability to produce big pouches for up to 2.5 lit. Compactness and reliability are also two of the characteristics that best define the SI-280 model.

Technical attributes:

**FILLING SYSTEMS**

Volpak developed a wide range of different filling systems suitable for a large variety of different products, powders, granules, liquids, pastes, etc. In the laboratory for products, these are tested to determine the specific characteristics required to the filler in accordance with the product to fill, doses and production conditions.

**INERT GAS**

Used to prolong the life of the packaged product. It is carried out by blowing inert gas into the pouch before dosing. Gas may be blown also through the product’s hopper dispenser. Thus decreasing the oxygen amount required since product is impregnated before being dosed. The most commonly used gases are: CO2 y N2.

**ULTRASONIC WELDING**

It allows the sealing even through the product. For a perfect finish two additional jaws are added for sealing and cooling.

**DUO PACK**

The Duo Pack is characterized by having an accessible straw in the central part of the pouch for easy consumption without spilling it. It is the ideal packaging for all kinds of beverages.

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**FENIX SYSTEMS Sp. z o.o.**

**Pavilion 5, stand 116 / 117**

**Traslo automated warehouses Zecchetti**

TRASLO represents a wide range of Stacker-Cranes for warehousing and handling of several different bulks and weights in the realization of automated logistic systems.

The handling of the SKU can be managed with several solutions:

1. Telescopic forks for single or double-depth handling
2. Shuttle (multi-depth SKU handling)

Technical attributes:

**SHUTTLE TECHNICAL DATA**

Max speed: unloaded shuttle: 1,0 m/s – loaded shuttle: 0,3 m/s
Acceleration max: unloaded: 1,0 m/s² – loaded: 0,35 m/s²
Max lift stroke: 40 mm.

**LOAD UNIT DATA pallets or boxes**

Dimensions: Min width (front): 850mm – Max length: 1200mm
Min length (running direction): 800mm – (min. space between Load Units: 100mm)
Max length: 1200mm (min. space between Load Units: 100mm)
Weight: max 1200kg
Laser Guided Forklift Trucks LGV Skilled

Laser Guided Forklift Trucks are an ideal solution for a complete automation of production lines and storage areas as well as operation in high-bay storages. They do not require additional rail systems or induction loops installed in the floor. LGV’s are tailored to individual applications in production factories. They are supplied with necessary software. They enable storage management and automatic pallet loading on the trucks (ATL). They fulfill all safety standards.

Technical attributes:
100% SAFETY – Human error excluded
RELIABLE – Operating 24 hours a day 7 days a week
PRECISE – no damages to stillages, gates or other equipment

Synerlink FFS lines produce packaging in multipacks or single cups for spoonable dairy products, compotes, desserts. Custom-formed cups are filled, sealed and cut according to your SKU requirement.

Technical attributes:
Filling volume from 25 to 1,000 ml and a capacity up to 21,600 cups/hour.
Strong points are:
• versatility of materials : PS, PET, PLA, PP, Multilayer
• compact, evolutive and affordable
• cost-effective packing solution for multipacks, multiflavors
• ultra-clean Log 3
JUGEMA
LINIA DO SZCZECINOWANIA Z OPALANIEM

JUGEMA
KOMORY WĘDDZARNICZO-PARZELNICZE

JUGEMA
AUTOKLAWY DO STERYLIZACJI I PASTERYZACJI

JUGEMA
KOTŁY WARZELNE
LINCO FOOD SYSTEMS A/S

Wing Tip Cutter
Cutup line module to cut wing tips

METRO-PLAST Paweł Klimas, Anna Andruszkiewicz Sp.j.
Pavilion 5, stand 98
Volume dispensers GS Italia

Volume dispensers are designed for dispensing liquid products: water, juice, oils, semi liquid such as: mayonnaise, yogurt, pesto, hummus and sticky: honey, chocolate, salads, pates and butter.

Advantages:
• the possibility of dosing from 7 to 5700 ml of product,
• possibility of working in manual and automatic mode, eg on traysealer machines,
• entirely made of stainless steel AISI304 using Festo-Parker pneumatics
• standard equipped with an automatic washing system and connectors enabling quick disassembly of all parts that have direct contact with the product, without the need to use any tools,
• a large range of personalization including individual projects,
• a wide range of accessories such as product pumps, tanks, mixers,
• available in pneumatic and servo-driven versions.

An exclusive distributor for the Polish market is Metro-Plast Sp.J., www.metro-plast.pl

Novitus / Comp
Pavilion 5, stand 110

METRON 07CI
Novitus / Comp
Pavilion 5, stand 110
X-Ray PEN-TEC XHL 3200
Nie przesłali tłumaczenia

Novitus / Comp
Pavilion 5, stand 110
BILANCIAI MX500HTB

PEK-MONT
Pavilion 5, stand 97
A device for cooking dumplings – GP-400

Polkars S.C.
Pawilon 5, stoisko 106C
Knives  Sandvik Selection
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ROVEMA Polska Sp. z o.o.

ROVEMA type BVC 260 Flexible. Packaging machine with ZIP applicator

Equipped with the most modern, fully programmable and associated real-time control technology, the two axle packaging machine with its monitored, reproducible and graphed functions is very user-friendly in output capacities of up to 260 B/min. Equipped with the new Premium-Seal system, for the first time multilayer seal seam packing material can be, if needed, pre-heated and then compressed for optimum tightness. This consistent fusion of various innovations and outstanding case solutions in a highly efficient overall concept unfolds potential benefits to the customer with its energy efficiency and flexibility – especially with regard to a wide range of packaging material, high process reliability and minimization of downtimes in the high power range. This versatile programmable and sensitive sealing technology can also be applied to other applications.
ROVEMA Polska Sp. z o.o.

Grouping and cartoning flexible bags or cartons

The complete erecting, filling and closing process only takes place at two stations. Thus, usual interference sources are reduced to a minimum and the functional reliability increases considerably. The case blanks are held safely and precisely positioned in all stations throughout the whole packaging process.

This optimum packaging process leads to geometrically exact packages. As product and packaging are treated carefully, the whole packaging process runs safely and in a controlled manner. Flexible grouping systems - cycle chain or collecting conveyer for goods to feed into case- enable different product orientation in the case and a performance up to 12 cases/min. Furthermore it is possible to adapt a lidding module after the machine, so the product can be filled into tray & lid cartons.

ROVEMA Polska Sp. z o.o.

ROVEMA type SBS 250. The most flexible method of producing

The most flexible method of producing compact ‘brick’ packs Block bottom bags with attractive and individual head forms. The SBS Brick packaging machine, is a combination of form- fill- and seal technology and specialized top shaping systems for compact packs with a wide variety of closing, easy open and reseal options, perfect for market areas which demand a unique, convenient and aesthetically pleasing pack style for product differentiation at point of sale. The SBS can be used to package a wide range of products. It ensures product specific and economical packaging of granulated, powdery or products in pellets, food or non-food – cereals, pasta, rice, coffee, spices, flour, salt, sugar & biscuits.

ROVEMA Polska Sp. z o.o.

ROVEMA type ETI. Final packaging compact machine for trays with inside U-shaped lid, from flat blanks

Final packaging systems for trays with inside lid. The elegant way to present sales packages shelf-ready. The compact machine concept enables the erecting, filling and closing of trays with inside or U-shaped lids, from flat blanks, on a minimum of space. In combination with a grouping system, corresponding to the requirement of the sales packaging, a system solution especially adapted to the request of the customer is available. Gentle product handling is guaranteed by clear packing sequences on one level. Exact, reproducible format changes for short change-over times and starting phases.

ROVEMA Polska Sp. z o.o.

CMH-C cartoning machine with continuous mode of operation is designed to produce up to 250 cartons per minute

The cartoning machine with continuous mode of operation is designed to produce between 80 - 250 cartons per minute. A number of different modules ensure trouble-free operation. Hygiene and ergonomics In addition to a hygienic design with gull wing doors for easy access and low ergonomic loading height of the blank magazine, the machine offers solidly constructed functional subassemblies and adjustments. All internal and components in contact with the product are made of stainless steel. At the customer’s request, the frame is also available in stainless steel. Easy adapted to the product and quick change over A change of size is a quick operation that does not require tools and can be augmented with half or fully automatic adjustments. Typical products, which are packed into boxes are baby food, rice, buckwheat & semolina, cereals, backing powders and pizza.
Look for exhibitors and products with this sign: