

## NEW AT THE TAROPAK 2010 TRADE FAIR

Based on materials sent by exhibitors.  
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Partner of this program is



### **ACG Worldwide**

Pavilion 3A, stand 66

#### PVC/PVdC

A PVdC coated high performance polymer blister packaging film. Even with a relatively thinner PVdC coating, offers a high degree of barrier to moisture, gases and aromatic influence. Suited for blister packaging of hygroscopic/moisture sensitive product. Available in clear transparent, white opaque and a wide range of colors with various PVC thickness and PVdC coating level.

#### BP102

It is a single drum continuous forming and sealing blister packing machine. Provides flat blisters with reduced curvature with an output up to 240 blisters/minute. Quick change over, multiple feeding possible up to 5 different products & unique '2 in 1' change parts are some of its features.

#### BQS

High output machine for both pvc/pvdc (600 blisters/minute) and Alu/Alu(280 blisters/minute). It is a flat forming, flat sealing, continuous motion machine for high speeds. It is user friendly with quick tool-less changeover for both PVC/Alu and Alu/Alu. It has a unique drum feeding systems for Alu/Alu & ensures reliable feeding of high speeds.

#### HICART

It is a continuous motion, rotary pickup high speed cartoning machine with an output of 220 cartons/minute. Ideal for single/ two blister in the carton. Suitable for both tuck in as well as glued type cartons. Perfectly designed to carton any rigid objects from ampoules to bottles and can be integrated with any blister packing machine. Also provides online pre-insertion system as an option.

Partner of this program is



### AF 90T

The AF-90T is a fully automatic capsule-filling machine that can fill a large variety of powder formulations into hard gelatin capsules. It can be used for filling of powder, pellets, micro tablets and also combination fillings. It has an output of 90,000 Capsules per hour for powders. It also has a partial filling capability for any size of capsule from #00 to 5. Better yield due to high filling accuracy and less powder wastage.

### **Agencja Usługowo Handlowa „ COM ” Małgorzata Szczepańska**

Pavilion 3A, stand 7

### US-2000 TRF labelling machine manufactured by ATS Tanner AG Switzerland

US 2000 TRF machine labels the packaging with lettuce and salads. The packagings are delivered by a conveyor. Output up to 30 packagings per minute.

### US-2000 PIC labelling machine

US 2000 PIC machine for labelling the products with various dimensions (also circular or irregular products). Easy changing of format. Labelling that „economizes” the product edges. The product is delivered by a conveyor equipped with pushers that allow to adjust the spacing within the range between 110 to 420 mm. The labelled product is pushed out from the machine by the next product.

### US-2000 MDM-P labelling machine

US 2000 MDM-P labelling machine with the ability of any overprint to be made on a band. The overprint up to 150 mm long, unicoloured, with or without a brand. Markem Smartdate 5 printer allows to print any motives and use the same material, and print different information about the product for different customers. Within the length of a chosen report you can print a brand, logo, info, bar code, date of production. etc.

### **AGJ s.c.**

Pavilion 3, stand 19

### AGJ MD2000

The latest generation of AGJ MD2000 printing-and-labelling equipment, allows to apply labels on any unitary packaging, as well as on cardboard boxes and other collective packaging. Main features of the product include high quality of manufacturing, compact size, uncomplicated operation and very diversified system of label feeders. The device supports the following printers: ZEBRA, SATO, CAB, DATAMAX i AVERY DENNISON.

### **AHS Polska Sp. z o.o.**

Pavilion 3, stand 77

### CoreGripper gripping arbor

CoreGripper is used for gripping of rolls from inside, transport and turning of rolls from horizontal to vertical position and vice versa. This gripper can be installed on hoist or ProteMa electric trolley. Capacity of solution up to 90 kg.

### Cleat gripper

Cleat gripper is an innovative solution for gripping mainly bags, but also boxes and slabs. As opposed to standard gravitational grippers this one has two movable cleat heads that give more reliable grip of load. This gripper is dedicated mainly for fast cable hoist but it can be also used with vacuum manipulator. Capacity of solution up to 50 kg.



### Light handling trolleys

PROTEMA trolleys are a solution for transport of different kind of products on big area. The most important feature of those trolley is light construction and easiness of use. Standard versions of trolleys can be modified and built directly for Customer to reach out his needs.

### GO GREEN application

Go green solution is a reach out of needs of enviromental and natural riches protection. Manipulator combined with go green module turns off itself after specified time of disuse. Operator can also turn off unit using remote control without necessity of central disconnection of power. Also using this remotre control he can turn on unit back. Go green module can operate with each type of VacuEasylift manipulator.

### **AJM Electronics Sp. z o.o.**

Pavilion 3, stand 85

### Chainlube FG 400 ml

CHAINLUBE FG is odourless and colourless chain lubricant based on vegetable oils and PTFE. Product assures an excellent penetration, good adhesion on metal surfaces, even at elevated temperatures and high rpm, excellent penetration and lubrication and leaves a tenacious, long lasting lubricant film, resistant to water wash off, preventing corrosion. NSF H1 registered.

### Amberclens FG 500 ml

AMBERCLENS FG is a heavy duty, biodegradable, all-purpose foam cleaner. Specially formulated for use on food processing and packaging equipment. The stable, non-dripping foam ensures and improved performance, especially on vertical surfaces and quickly removes grease, oil, grime and tough stains from any washable surface. NSF A1 registered.

### STAINLESS STEEL CLEANER FG 500 ml

STAINLESS STEEL CLEANER FG is a heavy duty, biodegradable, all-purpose foam cleaner. Specially formulated for use on food processing and packaging equipment. The stable, non-dripping foam ensures and improved performance, especially on vertical surfaces and quickly removes grease, oil, grime and tough stains from any washable surface. NSF A1 registered.

### ASSEMBLY PASTE FG 400 ml

ASSEMBLY PASTE FG is a tenacious paste for use in the food industry. Used as a start-up lubricant, reduces wear to moving components, provides instant lubrication. Low friction coefficient provides protection during running in, prolongs component life, provides protection against scuffing during assembly, prevents seizure of threaded components enabling easy dismantling. NSF A1 registered.

### AMBERGREASE FG 3 500 g

AMBERGREASE FG 3 is a multi-purpose bearing grease which provides long-term lubrication where incidental food contact may occur in food processing areas. For use all types of bearings and other metal-to-metal contact surfaces. Product provides stable, long-term lubrication and is resistant to water and steam and protects against corrosion. NSF H1 registered.

## **AKONDA**

Pavilion 1, stand 27

### UV Coater CNJ Digicoater (33, 50, 61, 76, 91, 127 cm)

One of the most important feature of this device is a low cost to high quality ratio. It is suitable to work with a wide range of printed papers like: Xerox, Konica Minolta, HP Indigo and a lot more. It yields astonished true colours and the extra protective coat. It is equipped with a semi-automatic cleaning system. Speed of coating reaches up to 30m/min.

### Automatic laminator GMP Eurolam 520

The main characteristics are: Syncro Stream Feeder , Feeder Loading Hight (40cm), laminating speed up to 30m/min, Induction Heating System, which provides a very fast and exact temperature modification (warm up time:10min.), Paper Cooling System, system that ensures easy feeding of low gsm papers. Additionally, it can be equipped with Embossing Roller, which provides a texture.

### Graphic Whizard - CreaseMaster Platinum

The best quality of creases is yielded by Pneumatic Impact System. Digital touch screen controls guarantee that the CreaseMaster Platinum is user friendly and easy to operate. The main characteristics are: up to 8,000 inverted and regular impact creases in the same pass, rotary, impact and strike perfs, microperfs and longitudinal cut.

## **Albertina Polska Sp. z o.o.**

Pavilion 3, stand 27

### Filling Polaris 8GP

An ultra modern filling system based on rotary pumps. It's fast, easy to wash and clean and easy to use and most importantly- error-free. Polaris GP is a versatile and accurate system for filling bottles, cans or jars. Filling is lowered and closed pouring nozzles, an intermediate tank and has a central control system and touch screen control panel. Optionally, you can connect the weight control with feedback control.

### Orientator to feed bottles

A modern, automated, linear system for orienting all kinds of packing. It is used to feed bottles from the container to orientator. The orientator sets automatically for exemple the bottles in line on the tray and set them in the proper position. It is characterized by short time rearming for another type of packaging and the minimum number of no dimension when you change the package size. Changing the packaging format without additional tools.

## **ALIMA-PACK SYSTEMY PAKOWANIA SP. Z O. O.**

Pavilion 3, stand 56

### Cartesian type palletizer mod. Robosac p4, by tmi

Robosac P4 is a simple and effective device combining features of a palletizer and a robot. It serves to automatic carry bags with product onto pallets. It is equipped with a gripper, which design allows translocation of packaging, like bags, boxes, barrels, etc. Modular design increases Robosac's range of applications. Its major advantage is the optimization of occupied spaces.

### ILERBAG V FFS BAGGING LINE, by TMI

This machine would be the best choice everywhere, where reliability, high output capacity, exploitation and investment savings are required. Compact structure, vertical construction, and between others: ergonomic reel change system, servo-driven

unwinding device, reduced dimensions causes, that ILERBAG perfectly matches to pack fertilizers, pellets, bulk building materials, food products, granulates and other.

### **Alpha Packaging International B.V.**

Pavilion 2, stand 6

#### Power Shot Bottles 60ml HDPE or PP with 20mm or 28mm neckfinish

Power Shot Bottles are especially designed for the new, concentrated Energy Power Shots. Made for easy, automatic filling and suitable for a full body sleeve to give your brand MAXIMUM appearance.

### **Apator Control Sp. z o.o.**

Pavilion 3, stand 38

#### Digital starting system for the "Digistart" type three-phase motors

Replaces old star-delta switches. It eliminates the current surge at the time of direct starting of motors by means of the controlled current limiting. It is available in the current arrangements up to 1600A with the three-phase power supply from 208 to 690V. The system has the in-built bypass contactor and the ability of start up inside the delta connection of the motor winding.

### **ARTBOX Sp. z o.o.**

Pavilion 12, stand 37

#### CHOCO AMORE tin for the Z.P.C. "Mieszko" S.A.

Rectangular metal box in an elegant gold and black colors, interlaced by accents of red and brown. The charm of entire tin complement by the pressing, which discreetly highlights details, also by the floral ornaments included in the background. Ideal as a box for food preservation, becomes an element of the interior's design.

#### Tin of milk churn's shape

Metal tin designed in the shape of a milk churn is an excellent idea for subject to the exquisite packaging of food products: candies, caramels, cream fudges, but also for a wide range of dairy products. Traditional form connected with the individual model of printing makes unique and original combination.

#### KRAKUS tin

It is a tasteful can for an alcohol, kept in the design of gray and silver. A simple form of packaging takes sophisticated thanks to its ingenious pressings looks absolutely unique and it was made with attention to details. Refinement of the package makes it an excellent product that enjoys not only an aesthetic's eye.

#### LINDOR tin for the Lindt company

The eye-catching tin, colour-matched to the type of pralines in it stored: deep black, light brown with the glare of gold and sparkling red. A notable feature is the precision tooled details and charming in its simplicity theme appearing on the cover and the front of the can.

#### Tin of bucket's shape

The tin having a transparent body is the perfect packaging solution, it presents the content in all its glory. This tin features is an innovative form, which is non-trivial proposal of the packaging offer.



## **ARTechnic Ryszard Łuba**

Pavilion 3, stand 55

### ARTechnic PS-30 waste materials press

ARTechnic PS-30 municipal refuse press was designed for compacting the refuse in the standardized 700L and 1100L volume containers. Reduction of the waste material volume even by 80 % and easy operation cause, that the press is particularly recommended for restaurants, gastronomic points, hotels and holiday centres.

### ARTechnic PBs620x baling machine for hard plastics

ARTechnic PBs620x baling machine is our newest product for special tasks. It is intended for compaction of hard plastics, e.g., such as ABS. Due to very high pressure per unit area equal to 8,02kg/cm<sup>2</sup> and elongated servo-motor stroke the baling machine provides compaction of the raw material at the level of 450kg/m<sup>3</sup> which is extremely important when loading e.g., sea containers.

### ARTechnic PBPs500x horizontal baling machine

ARTechnic PBPs500x horizontal baling machine with hydraulically opening flaps is intended for compacting secondary materials, also those that are very fluffy or have very large overall dimensions – thanks to the very big charging opening 2,1m x 0,8m. Application of the optical safety curtains significantly sped up and simplified the press maintenance, thus allowing to achieve the output up to 2 ton/hour.

## **AUTOBOX MACHINERY LTD.**

Pavilion 3A, stand 47

### HIPAK KINETIC 2400

HIPAK Kinetic 2400 <sup>tm</sup> the latest Quick Set corrugated box maker is aimed both at corrugated box plants requiring a machine capable of running large or small box sizes in short to medium runs and end users to produce their own boxes in house. Automatic one minute tool less size change - over 100 different FEFCO styles - blank widths from 100mm to 2.4m - board from E Flute to AA 300/300 - run speeds of up to 1200 boxes per hour coupled with Kinetic energy reclaim technology.

### PROMELT

PROMELT is designed to compliment Autobox's world leading short-run boxmaking systems. Simple concept allows quick and efficient finishing of virtually any size of corrugated box. The glue chamber heats the hot melt granules giving a constant supply of glue to the wheels, with no need for regular refilling, allowing for quick, uninterrupted finishing . Promelt offers low cost, efficient finishing at the same time reducing the risk of RSI.

## **Bausch Advanced Technology Group BASE EUROPE**

Pavilion 3A, stand 69

### Dosing Machine Type 542

The machine 542 is a high-precision dosing system for liquid products according to pharmaceutical standards. It is designed as a standalone unit for small batch applications and lab trials. It can be used under laminar flow. Dosing range is from 0,01ml to 100ml and due to use of valveless dosing pumps the filling accuracy is up to +/- 0,05% possible. Touch panel allows operator simple and flexible adjustment of settings for dosing.

## **BENNING Power Electronics Sp. z o.o.**

Pavilion 3A, stand 110

### BELATRON

High frequency HF charger for recharging batteries used in forklift truck, cleaning machines and other electric vehicles. High efficiency charging up to 95%, could be used in any environment thanks to a new ventilation concept resistant to dirt and dust. Easy to use (plug and charge). Clear indications from the state of charge, extended battery life by about 10%. Meets the most exacting EMC standards (electromagnetic compatibility).

## **Bramidan A/S Spółka Akcyjna Oddział w Polsce**

Pavilion 2, stand 48

### Bale Press B3 LS

The B3 LS is specially designed to enable bales to be changed in size and weight, without losing high compaction ratio. The B3 LS is highly useful where bales are handled by women. With a footprint of only 720 x 820 mm and 1-phase 230V motor, it is easy to locate almost everywhere. Bale trolley is always attached as standard equipment.

### Bale Press X30 AD

The X30 AD is suitable for retail shops and industrial companies with large quantities of waste. This baler is a compact machine with high capacity and superior press force. The door to the chamber opens automatically, giving a rational and quick filling of waste, and the horizontal handle provides an ergonomical working posture for the operator.

## **Buehnen Polska Sp. z o.o.**

Pavilion 2, stand 24C

### HB 6000 series hot melt adhesive application units with piston pump

Bühnen Polska introduces the new HB 6000 series hot melt adhesive application units with piston pump. Numerous options fulfill all requirements regarding integration in modern packaging systems. The applicators are also excellently suited as individual solutions. The 4/8/16 liter tank sizes and up to 6 hose connections makes the system easy to adapt and can easily replace existing systems.

## **CHUAN CHI HSIEH INDUSTRY CO., LTD.**

Pavilion 1, stand 37

### Automatic Shrinkable Label Inserting Machine

Auto Shrinkable Label Inserting Machine is suitable for various shapes of bottles, containers, battery, cosmetics, tapes and almost everything. Our product can reach capacity from 100 to 600 pcs per min. Our production approach has enabled us the flexibility to produce highly customized machines to meet the unique and changing customer requirements. Our main advantage is in the tunnel technology.

## **Coleman International Sp. z o.o.**

Pavilion 3, stand 5

### 5600 – big character, high definition printer – for the Markem-Imaje cardboard boxes and trays

5600 is the most versatile printer for the direct high resolution printing. Environment friendly (low energy consumption, harmless inks), provides up-to-date maintenance and clean operation thanks to the ink supply assembly cleaning system. This also means the

higher contrast in comparison with other printers that use fluid-ink, thanks to which we obtain clear overprint and legible bar codes.

**Dalmec Polska Sp. z o.o.**

Pavilion 3A, stand 20

Manipulator for handling and/or emptying drums

Manipulator for emptying drums is equipped with jaws gripping the product on the diameter. The jaws may be adjustable or replaceable to handle wider range of product diameter. Manipulator or its particular parts (depending on requirement) can be optionally made from stainless steel and/or ATEX certified. The balance is obtained with "up/down" lever and pneumatic or manual rotation allows drums emptying. If process requires operation on various levels, the manipulator may be equipped with elongated handgrips with doubled controls to ensure ergonomic work for operator.

Manipulator for handling bags

Manipulator with suction cup gripper is dedicated for bags handling. Depending on product specification it may be done either with pneumatic ejector or electrical vacuum turbine. This device as a little more sophisticated tool allows the operator to work effortlessly within the manipulator range. The product is gripped immediately after the suction cup is positioned on the product. Product release is performed by pressing two levers positioned on the suction cup enclosure near handgrips. The gripper may be equipped with suction cup reducer allowing to handle smaller bags.

Manipulator for handling buckets and drums

This manipulator with suction cup is designed to grip the drums and buckets on top lid. The gripper may be designed optionally to grip more than one product at the same time. The product is picked up automatically after the suction cup is positioned on product. This device as a little more sophisticated tool allows the operator to work effortlessly within the manipulator range.

**DAMASZ Sp. z o.o.**

Pavilion 3, stand 54

PZ-UNO tableting machine produced by B&D Italia S.r.l.

PZ-UNO is compact medium size rotary tablet press suitable for small production and for the development of drugs for pharmaceutical technique.

The distinctive and innovative feature of this new tablet press is that it can be transformed in a few simple actions from a traditional tablet press for single layer tablets to a press for double layer tablets. This is done simply by moving the position of some groups.

BMP-300 blister packaging machine produced by Heino Ilseman G.m.b.H.

The Heino Ilseman blister machines have the capability to produce empty as well as filled blisters at the same time. The system based on single blistering machines like BMP-300, handling unit and spider robot systems creates bundles of certain amount of empty blisters. The respective pharmacies produces their own site specific blisters with specific patient labels before being sent locally to care homes.

## **Denipro AG**

Pavilion 3A, stand 31

### deniroll®

deniroll curve support eliminates sliding friction occurring on the curve of modular belt conveyor by changing it into rolling friction by the roller cage put to the edge of modular belt conveyor. Thanks to reduction of pressure and emitted heat the solution makes the lifetime of conveyor longer. Additionally conveyor with deniroll elements has 60% less energy consumption. deniroll is universal element that suits to every kind of modular belt conveyor.

### deniway®

Plate chain conveyor deniway allows realization of miscellaneous and complicated transport projects. Easy to assemble construction kit makes design and installation of complete conveying units very simple. deniway allows changing transport direction horizontally, vertically as well as axially. deniway enable transport in close loops and due to the fact of extremely low frictional resistance to movement it stands out with the lowest energy consumption from solutions available on the market. It is an ideal solution for internal and interoperational transport.

### denirug®

denirug – solution for transport of loads up to 2t by using modular belt conveyor. It reduces friction for 90% what is crucial for conveyor lifetime and energy consumption. denirug placed under modular belt distributes the pressure and reduces friction through roller carpet. Modular construction allows to implement carpets of any length and width. Elements of denirug are made of plastics and do not requires any lubrication or maintenance.

## **DOLAV PLASTIC PRODUCTS**

Pavilion 12, stand 11

### MV-800 THE MULTI-VERSION PALLET

'Standard pallet' or 'Heavy Duty' - These pallets are injection moulded in one-piece with our HDPE structural foam technology for strength and hygiene. They are fully recyclable and give excellent performance in extreme temperatures from -40C up to 60C. The multi-version options allow you to select the best solution according to your specific requirements. Dimensions: 1200x800mm.

### BOX PALLET TYPE 800 Tri-Hi

'Three Height' options from a one-piece HDPE structural foam injection moulded box pallet. Easily customised for Special Requirements and two durable runners give enhanced tipping performance. Available in SOLid or Perforated with special location for RFID tags. Light weight with heavy-duty performance. Footprint – 1200x800mm with Optional Heights - 740, 870 and 950.

### KITBIN®

Engineered for ease of use and multiple applications this new KitBin® shipping and storage container allows all walls to be completely detached from the pallet base or stacked for greater height. Four disassembled containers fit into a single KitBin which means a saving of up to 75% in storage/trailer space. High-impact HDPE structural foam in a footprint – 1200x1000x715mm high

Partner of this program is



**opakowania.com.pl**  
GRUPA MARKETEO.COM

## **DTTS TRADING / ROAM ENTERPRISES**

Pavilion 2, stand 24D

### FLEXITANK

The Flexitank converts a standard 20 ft. dry ocean shipping container or 20 ft. stake bed truck into an easy-to-use, lightweight and economical bulk liquid transport unit. Loaded with 15,000 to 25,000 litres. Compliance: USFDA, COA, German BGA, China CIQ and the EU. One shipment = 80 barrels or 20 IBC's. More economical than ISO tanks, drums and IBC's. No cleaning necessary. The tank is recyclable and disposable.

### IBC (Intermediate Bulk Container)

Collapsible container for the collection and transport of liquids with a capacity of 1,192 liters. The IBC save space. IBCs are able to reuse - guaranteed 7 years of use. Safe at the stacking in the warehouse. Easy to use during transport and in the management of their return. High quality of hygiene. IBCs are aesthetic and modern design.

## **DUO PLAST AG**

Pavilion 12, stand 21

### DDK ...double edge – double strength!

DDK is a new stretch film that has the double thickness at the edges. A 15 µm-film, for example, is consequently 30 µm thick at the edges. When a pallet is wrapped with this innovative film, the double edges form a net structure which considerably increases the pallet stability. That allows significant material savings up to 35 %. As a result packaging costs can be decreased. As groundbreaking innovation within the stretch film market, the DDK has already been awarded with the German Packaging Award.

## **Eletric 80 sp. z o.o.**

Pavilion 3A, stand 27

### Dragon

The newly developed, specialised palletising robot Dragon demonstrates its ability to switch between handling cans, bottles and packages of different kinds and sizes, without any mechanical adjustments. Changeover between different products is therefore quick and easy, as is maintenance and cleaning due to its innovative construction. Advantages: small footprint, high precision in placement, reduced maintenance.

### Eletric 80 WMS. The Warehouse Management System (WMS)

The Eletric 80 WMS solution optimizes the use of different machine groups (palletisers, wrappers, labelling, data tracking and transports (LGVs) in relation to the logistic process and production management. With a modular design, Eletric 80 WMS solutions are easy and fast to implement, and can be tailored to meet the needs of the customer and the existing computer system.

### LGV CB

LGVCB 25, can handle goods as high as 6,5 m, a counterbalanced truck with collapsible forks for single or dual pallet handling, demonstrating block storage with millimeter precision, automated trailer loading. LGVCB 10, a single pallet reach truck, can handle goods as high as 11 m and can work in corridors only 3 m wide, drive in racks and it's suitable for fully automatic containers and truck loading.

### Silkworm

The stretch wrapping robots Silkworm, which from the basic version can be extended and complemented to reach a capacity of 180 pallets per hour. Clients experience and verify the unique pallet stability ensured by Silkworm wrappers, partially due to maximum pre-

stretching. Other advantages of Silkworm: increase of the wrapping quality, film savings (pre-stretch more than 300%), product change-over without any mechanical adjustment.

### **Elesa+Ganter Polska Sp. z o.o.**

Pavilion 3, stand 70

#### Permanent Magnets

Permanent magnets are the magnetic systems that generate permanent magnetic field, which due to the special structure, is concentrated on the working surface. Most of the proposed types of magnets has additional screening that protects the surrounding objects against undesired magnetization. Stainless steel and galvanized steel, rubber and brass are the materials, from which the magnet enclosures are made.

### **EMERGRAF**

Pavilion 3A, stand 70

#### ECOMATIC (working width 1.8m or 2.3m)

PRODUCT DESCRIPTION: Machines of the Ecomatic line are designed for professional and effective manufacture of slotted containers (for example, corrugated cardboard regular slotted containers or trays) with the option of additional die cut (for hand holes or cutting out cross boxes). The machines can also make partitions or just cut and crease a board both crosswise and lengthwise.

### **EUROVETROCAP s.r.l.**

Pavilion 1, stand 29

#### New line of RITA packaging

Eurovetrocap has recently released the new Rita Range. Rita manages to balance a classic and timeless look with modern materials and decoration options. The line comprises the following elements: Plastic HDPE bottles 100ml and 200ml and the related Rita cap and overcap in PP. Glass bottles, premium packaging for precious products, available in two sizes, 30 and 50ml with various closure options, such as pumps, caps, sprays and more. Glass jar, available in 50ml capacity with a dedicated "Rita" PP lid. Rita is a standard line and its available for our clients starting from 1 box x item and with a very short lead time.

### **Faubel & Co. Nachfolger GmbH**

Pavilion 2, stand 32

#### Faubel Mini-brochures available in three types of processing

Spine gluing, standard. All pages are produced from a single sheet in the same quality of paper. Spine gluing plus cover. This option featuring a separate cover gives your brochure a special touch and a special feel. The cover of the mini-brochure is made of a higher quality paper. Adhesive binding. Mini-brochures in outstanding quality: even the smallest formats can be produced with high precision and cost-effectively.

#### Security Labels

Combined with permanently adhesive and partially neutralized material, with perforated lines and other security technologies, security labels offer a vast array of possible anti-fraud solutions.



### Booklet Label

The Wrap Around Label can either be designed as a one-layer or a multi-layer label or as a booklet. It is particularly suitable for fitting small-sized containers as it leaves plenty of room for product details. Long texts are simply wrapped around the container several times.

## **FOOD MACHINES LTD**

Pavilion 3A, stand 53

### A-mecs sorting unit for grains and seeds

Royal series of the machines for sorting due to color for such products as: grains, nuts, seeds, dry leguminous plants. Used technology based on ccd&nir cameras and led lamps allows to find even 0.14mm defects of the control products and their rejection from the production line.

### PHOENIX CHERRIES OPTICAL SORTER

Machine used for detection of the cherries stones in fresh, SO<sub>2</sub>, alcohol or frozen product. System analyze each single product to be able to find product with stone or stone.

Effectiveness of sorting (quoted data concern I-class product):

- Cherries >85-90% of the product with stones from prepared material;
- Good product loss <5% checked product.

## **FP International GmbH**

Pavilion 3, stand 20

### PILLOW PAK Air cushions

The PILLOW PAK system provides very wide air cushions with a width over 760mm. From now on, also large surfaces can be protected in an easy way. A solution which was developed especially for the industrial market, but which also gives good results as a product wrapping. PILLOW PAK is a cost effective alternative for traditional bubble wrap material.

### NOVUS air cushions

Protective air cushions which are produced with 22 meters/minute: packaging problems are solved in a simple way with our all-round air cushion system NOVUS. By means of a patented air chamber system, the NOVUS air cushions ensure a superior protection of the product. You can provide complete protection of your products by wrapping them in air cushions, thus not only filling the voids, but also creating a protective layer on all sides

### MINI PAK'R air cushions

The compact MINI PAK'R air cushion machine is one of a kind and can produce 5 different types of air cushions. The MINI PAK'R is equipped with RFID technology which makes it considerable easier to use. You can fill up voids or just protect the corners. Because air cushions consist of 98% air, you do not add any weight to your package. The MINI PAK'R is ideal for companies only needing small quantities of packaging material or for users who have limited or no storage capacity at all. This small all-round machine can be placed almost anywhere, it is easy to operate and eliminates the need to reuse materials such as newspapers.

### FLO-PAK GREEN Packaging Chips

This ecological responsible type of FLO-PAK chip offers, compared to starch-based loosefill, many advantages. Because this chip is dust-free, it is very suitable for using it in automatic delivery systems. This product is the answer to the environmental challenge of developing and using sustainable products that companies face nowadays. It is made

from 100% recycled polystyrene, is 100% recyclable, it is re-usable and consumes lesser energy during production.

### **FUCHSPACK**

Pavilion 12, stand 58

#### AIRBAG

Airbag is a customize Packaging Solution only for high Quantities. 98% AIR only and 2% Foil. Advantages are:

- cheap solution (reduced shipping boxes)
- cost reduction
- Advantageous Product Protection
- reducing Warehouse cost
- reducing weight = reducing Delivery Cost
- Easy to handle & easy to inflate
- no machine investigation
- AIRBAG -> electrostatic discharge available
- no Tooling cost
- Product specific customizable

### **Georg Utz Sp. z o.o.**

Pavilion 12, stand 20

#### PALOX

PALOX is a pallet-box made of plastic, with the base dimensions 1200 x 1000 mm. New Palox retains the loads and strength of the similar products on the market, however, due to the modernized design, its weight is lower. Wall variants as well as bottoms made as full, slotted and manufactured in versions with 4 feet and 2 or 3 skids are available.

### **HANA CORPORATION LTD.**

Pavilion 3A, stand 86

#### VACUUM SEALER

The Features of NV-Series

- Packing by vacuum degree (unit : kPa) or time (unit : 0.1 sec)
- Digital indicator of vacuum degree
- 1st and 2nd vacuum degree/time can be set differently
- Indicator of the operation and condition of machine (LCD, LED)
- Digital control box type separable from the body
- Stainless steel structure
- Gas flushing function is not option but basically set
- Safety device
- Digital counter function
- Circuit-protection fuses are installed
- Pneumatic method for powerful sealing and low electricity consumption

### **HIT-Kody Kreskowe Sp.J.**

Pavilion 3A, stand 40

#### LXE Marathon mobile industrial computer

An ultra rugged industrial personal computer. The unique device which combines the mobility of a smartphone and the functionality of a laptop. Much more than a tablet PC! IP65, operational temperature -20°C up to +50°C.

Partner of this program is



### RedPrairie WMS warehouse management system

From raw materials through manufacturing and distribution to your ultimate customer, getting the right products to the right place at the right time is the lifeblood of your business. Thanks to RedPrairie Warehouse Management System more than 34.000 customers improve their logistics every day. Now available in Poland through an exclusive Implementation Partner HIT-Kody Kreskowe.

### Motorola ES400 mobile computer

Motorola ES400 takes its place as Motorola's smallest Enterprise Digital Assistant (EDA), offering big business functionality in a device with consumer-style design — and pricing. The marriage of a sleek, pocketable product and a robust mobile computer enables mobile workforces to do more than just receive information in real time.

### Datalogic Gryphon I GM4100 bar code scanner

Extremely versatile and durable, the Gryphon GM4100 cordless linear imaging readers are the ultimate solution for applications in retail and light industrial environments where mobility is necessary for improved productivity. Mobile communications also eliminate the restraints caused by cabled devices, providing a safer and more efficient environment for employees.

### RFID Nordic PL3000 Cross Dipole UHF RFID portable terminal

This powerful hand-held device combines outstanding RFID UHF tag reading distance performance with low output power consumption. With its newly designed cross dipole RFID antenna, tags can be read from a distance of more than 4 meters even in the most demanding conditions.

## **Innovia Films**

Pavilion 12, stand 19

### NatureFlex™ NK

This is a high barrier, transparent, cellulose based, biodegradable, certified compostable flexible film suitable for a variety of applications especially dried foods. NatureFlex™ NK has a moisture barrier approaching that of co-extruded OPP – the best moisture barrier of any biopolymer film currently available, which has been achieved through Innovia Films' unique coating technology.

### NatureFlex™ NKC & NKW

These are a range of high barrier, coloured (Including white), cellulose based, biodegradable, certified compostable flexible films. NatureFlex™ NKC and NKW provide an excellent barrier to moisture, a good barrier to gases and aromas and have a wide heat-seal range. NatureFlex™ films are ideal for packaging confectionery, bakery goods, fresh produce, dried goods, snacks, household products and personal care items.

### NatureFlex™ NKM

This is a high barrier, metallised, cellulose based, biodegradable, certified compostable flexible film. NatureFlex™ NKM provides an excellent barrier to moisture, a good barrier to gases and aromas and has a wide heat-seal range. NatureFlex™ films are ideal for packaging confectionery, bakery goods, fresh produce, dried goods, snacks, household products and personal care items.

### RayoForm™ IW

Innovia Films introduces a new range of Biaxially Oriented Polypropylene (BOPP) In Mould Label (IML) films specifically designed for injection moulding - RayoForm™. RayoForm™ IW, available in 58 and 72µm, is a solid white film designed to give a gloss



effect on containers after moulding. It enables downgauging from cast Polypropylene and offers a more robust performance during both the printing and moulding processes.

#### RayoForm™ IC

Innovia Films introduces a new range of Biaxially Oriented Polypropylene (BOPP) In Mould Label (IML) films specifically designed for injection moulding - RayoForm™. RayoForm™ IC, available in 58 µm, is a transparent film, offering a crystal clear effect on containers after moulding, particularly when compared to cast Polypropylene. It also gives superior anti-static performance for sheet-fed offset printing.

#### **INPOL**

Pavilion 3, stand 12

#### Labelling machine, paper band tying machine

The devices provide tying different kinds of products, such as: prints, folders, labels, parcels, ready products, promotion sets, etc., with PAPER BANDS or with PP (polypropylene) bands. The labelling machines can be applied in different sectors, such as: food processing industry, printing industry, cosmetic industry, pharmaceutical industry, logistics etc. Labelling is an alternative (faster, more economical and ecological) method to the traditional packing using the thermo-shrinking film, self-adhesive tape, etc.

#### Horizontal, spiral wrapping machines

Machines specially designed for packing the products with stretch film, PE film, air bubble plastic film, foam film, paper, etc. The example products that can be packed: doors, windows, furniture boards, hardwood flooring boards, tubes, PCV, wooden and metal profiles, elements of furniture, shutters, carpets, etc. Very easy in operation and maintenance, all operations are carried out in automatic or semi-automatic sequence.

#### **ISL Innowacyjne Systemy Logistyczne Sp. z o.o.**

Pavilion 3A, stand 103

#### VendiShelf – goods distributor cassette

Small item dispensing Lean-Lift "add-on". Control of small and medium sized goods  
ADVANTAGE:

- simply installed as a part of a standard Lean-Lift
- integrated with standard Lean-Lift software
- power supplied from Lean-Lift
- infrared communication
- safeguards against unauthorized access
- flexible, from one to all shelves can be fitted with "add on" system
- choice of compartment sizes

#### **JD Grafix Sp. z o. o.**

Pavilion 3A, stand 44

#### [www.InfoGraf24.eu](http://www.InfoGraf24.eu)

New printing machines advert service opening! You are most welcome to advertise your machines free of charge. We would also be pleased to help you searching for machines by the use of "Looking for" section. Our experience is over 12 years of work full of passion.

### Dry-Ice blasting

Our offer concerns a revolutionary cleaning service that gives outstanding results where other methods fail. Dry-ice blasting does not rub off; is environment friendly; allows cleaning most of the items without dismantling; may be very delicate or very intensive.

### Machine for cleaning the remnant of material

Machine for cleaning the remnant of material. Item is based on original hardened and chromium-plated T2 chain and original spocket. Pneumatic drive.

### **Jeremy Sp. z o.o.**

Pavilion 3A, stand 19

Cutting – packing line is designed for cutting and packing various kind of bakery or other products to bags. Line includes: semi-industrial AKRA bread slicer with efficiency to 1200 pcs/h cutting bread to slices 6,8,9,11,13,15 or 17 mm, equipped with bags blower, ATOR packer with efficiency to 1500 pcs/ h, with possibilities of products dating and packed bags counting and the conveyor for reception of packed bags.

### **JUSKY**

Pavilion 12, stand 76

### Fish 200

Safety knife protecting against accident, completely eliminating the risk of injury during cutting! Fish 200 is a general purpose knife, intended for cutting any type of packing material such as film on the pallets, binding straps, self-adhesive tapes on cardboard boxes and a single-layer cardboard box, if needed. HACCP version is also available.

### ENDURIUM technical blades

ENDURIUM technical blades made of HSS high speed steel, used in the applications of hard fouling with glue, paint, etc., with variable nature of work. Life about 8 x longer than in case of a blade made of carbon steel or 2 x longer than in case of TiN blade.

### Klever Kutter

Safety knife which is the alternative to normal knives with exposable blade. Blades hidden in the cutting slot effectively protect against injury. Two hook-like tips easily puncture and cut a cardboard. The knife construction protects unpacked goods against being cut.

### **J & J**

Pavilion 1, stand 34

### Automatic foil rewinder

- rewinding speed ~max 1100/min;
- dimensions: 2200x1200x1500(mm);
- installed power: 3kW.

The novelty consists in the use local of unwrapping Jambo instead the hitherto existing squeegee, the belt elastic, eliminating all inequalities Jambo. Our automatic in spite installed power only 3 kW possesses similar parameters of the work , to these wholeheartedly a lot greater.

The device to the longitudinal and transverse cut of sheets from the part (the abrasive paper, the cardboard, the foam , other) by means of the disk-knife with the electric feed

- dimensions dependent on customer's needs of cutting length;

- installed power: 1,5kW;
- hand operation.

#### Wrapper

The device intended to the packing of wound rolls with the foil stretch in 6 - cases instead boxes .

- equipped with automatic cut-off knife used after packaging;
- dimensions: 1000x1200x1600(mm);
- installed power: 0,55kW.

#### Semi-automatic foil rewinder

The novelty consists in the use local of unwrapping Jambo instead the hitherto existing squeegee, the belt elastic, eliminating all inequalities Jambo

- rewinding speed - max 900m/min;
- possibility od rewinding to small rolls, i.e lengthwise slitting;
- possibility of winding machine foil;
- dimensions: 1000x1600 (mm);
- installed power: 1,1kW;
- control desk on separate entablement.

#### Machine for double application of inserts into caps

Machine designed for applying two inserts: first one made of PS foam, another one made of IHS. The IHS insert is cut directly on the machine from the tape.

- Installed power: 0,5 Kw
- Capacity: dependent on the nuts diameter –1200-2500pcs/hour

### **KAMIX L i J Zienkiewicz Sp. j.**

Pavilion 3A, stand 16

#### Universal Filling machine

Filling consists in using hydraulic lever between leveling tank and the bottles. Filling the bottle lasts till it achieves the level equal to the level in leveling tank. This solution enable also applying our machine for foaming liquid. This is simple not expensive and efficient solution. Presented on Poznań Fair model is equipped with 8 filling nozzles and 16 filling positions for bottles.

### **Kautex Poland Sp. z o. o.**

Pavilion 12, stand 79

#### Kautex Plastic Packaging in Highly Transparent PP

- Interesting alternative to conventional PET stretch blow molding
- High brilliance and clarity
- Transparency comparable with PETG

#### Kautex Biodegradable Packaging

Raw materials are used which are decomposable in industrial composters

#### Kautex Blow-Molded Packaging with integrated RFID Chip

WINNER OF THE GERMAN PACKAGING AWARD 2009

Advantages of Radio Frequency Identification tag integrated in Plastic Packaging

- Traceability along the entire supply chain, from the producer to the end user
- Protection from plagiarism
- Tag reliably embedded in container surface
- Customizable tag design, e.g. colour
- Active and passive tags including high volume of information

Protection of industrial property rights registered at Deutsche Patentamt

#### Kautex VPD 90® - the innovative jerrycan with Ventilation Pipe Design

Conventional jerrycans are usually very difficult to position. The non-existence of a ventilation pipe causes uncontrolled emptying. This is why oil is often spilled next to the opening.

Once the innovative jerrycan is positioned in an angle larger than 90°, liquid pours out at a constant speed from the first to the last drop.

Advantages for the user:

- Controlled discharging of liquid without spillage
- Environment-friendly
- Bubble-stop by integrated air venting system
- High speed discharge
- High filling speed due to separated filling channel
- Can be emptied to the last drop
- Futuristic Design

#### Kautex opti-rib® jerrycan

Reinforcing inner ribs in the corners of the jerrycans

- Higher stability with identical weight
- Lower weight by maintaining stability

### **KELAR PAK**

Pavilion 12, stand 24

#### Vibration and Tilt Sensors

Shockwatch, Tiltwatch and MAG2000 are state-of-the-art, clearly visible active detectors for monitoring the quality of shipment handling. If impact, vibration or tilt occurs, the sensors permanently change their colour. They help ensure proper load handling, reducing loss and protecting the quality of shipped goods.

#### Temperature indicators

Warmmark and Coldmark are indicators providing permanent record of product exposure to unacceptable temperature conditions during transport (overheating or overcooling). Strip indicators help control the temperature of manufacturing processes and equipment operation, improving overall occupational safety.

#### Anti-slip Palletising Safety Systems

Grip Fix is a cold-applied, water-soluble agent designed to secure pallet loads. Owing to its anti-slip properties, it helps stabilise the load, while leaving no residue after depalletising. Grip Fix agent can be applied with energy-efficient Bag Fix application systems.

#### Anti-Slip Sheets

Anti-slip Grip Sheet is an innovative insert paper sheet with a slip protection coating. This product effectively stabilises loads transported on pallets, even with tilt angle reaching 40 degrees. Available in regular and water-repellent versions. Grip Sheets help reduce the use of stretch film.

#### Desiccants

Desiccants – Propadry, Propasec, Propagel – absorb atmospheric moisture, protecting products from corrosion, rust, mould, odour, etc. They are suitable for application in consumer packages as well as bulk containers.

## **KOCH PAC SYSTEME**

Pavilion 3A, stand 50

### EASY BLISTER

Fast, universal, easy to run, economical, not expensive line for blister packaging for technical, medical products and others.

## **KUMED Krzysztof Kuć**

Pavilion 3A, stand 50

### Aromatic bottles

Plastic bottles with aromatic supplements.

## **LEMAG**

Pavilion 3A, stand 17

### Pyramid Teabag Making Machine FP-120S

FUSO FP-120S Pyramid Teabag Making Machine is designed for the production pyramid sachets of tea, fruit tea and all kinds of herbs, using a nylon material, biodegradable or non-woven. Technologically advanced ultrasonic seal can produce packaging of superior quality. Production capacity of 7,200 bags per hour with an accuracy of 0.15g allows to conduct highly efficient production.

## **LINIA SZYCIA MIROŚLAW PIŁAT**

Pavilion 3, stand 1

### FLOW PACK APW 850

automatic vegetable packaging machine is developed for packing various vegetables and flowers with plastic film, in order to keep fresh and sanitary. It is able to pack 1 piece vegetable in one pack or more than 1 piece in one pack. Model DXD-850 is able to cut film automatically according to vegetable length. Optional device: Date printer, Angle deflection device, Gas filling device.

## **LUCA Systemy Logistyczne spółka z o.o.**

Pavilion 3A, stand 99

### Pick-by-Point®

Innovative system supporting commissioning and sorting of goods. After activation of the order the storage place will be marked with a lighting point. Information about the quantity of goods is transmitted through the wireless earphones. Control and check is carried out alternatively by means of a Pick-Radar® or a Pick-by-Voice. Its greatest advantages are the unusual flexibility and low cost of assembly.

### Pick-Radar®

Flexible and reliable system of access control to the storage places automatically checking correctness of fetching. The method is based on a control of the surface in front of the shelving or rows of pallets by means of a light curtain and the specialist software of the image analysis. The system works according to the PokeYoke principle and can be used for the commissioning and sorting, additionally offering the statistic functions.



**MADO Systemy Sp. z o.o.**

Pavilion 3, stand 61

HC-WD-SL - IP69K Checkweigher

The scale is the logical and ideal combination when it comes to weighing larger products, such as crates, boxes, bags and containers in wet and care-intensive areas. Its innovative hygiene design complies with the strict legal requirements and offers the highest possible protection, IP 69K. Designed as a mono-checkweigher, can optionally be equipped with an additional conveyor or a rejection system.

wetLAN linear labelling device

wetLAN stuck labels on the bottles at the front and back to dispense from label magazine by using glue roller and label deflector roller. A machine can have a magazine with labels unilateral. The products are transported by labeling station, and magazine label is designed so that it can work with different sizes of labels, at no extra format parts.

**MASTERPRESS S.A.**

Pavilion 3, stand 15

A scratch-off on a shrink sleeve labelApplicator for shrink sleeve labels LX-400

Application speed 400pcs/min. Applicators can be connected in line and thus increase application speed up to 800,1200,1600 pcs / min and more.

Shrink sleeve label application services**Margo spółka z ograniczoną odpowiedzialnością sp.k.**

Pavilion 3A, stand 15

SIMALUBE automatic lubricator

The automatic single point lubricator simalube can be adjusted from 1 to 12 months using the unique gas-producing drycell that is patented world- wide. The drycell generates pressure that pushes the grease or oil into the lubrication point. Swiss producer also can offer the simatool maintenance tools and the simatherm induction heaters.

**Medpack**

Pavilion 2, stand 17

Delta Vials - Bormioli Rocco

Delta Vials by Bormioli Rocco - a new line of vials for injectables, offer an alternative to tubular glass. Through superior chemical and mechanical durability, and also lowered weight, Delta Vials provide better performance and cost reduction even in such areas as freeze dried preparations.

COP polymer vials - HPT GmbH

Injectable vials made of COP are a new product line at HPT GmbH and are used as substitute for glass due to their special characteristics. Their advantages are the low charge weight; high transparency and the suitability for use with protein containing substances (no adhesion to wall of container).



### Pharma-Comb SL- Schreiner MediPharm

The self-lifting Pharma-Comb SL label from Schreiner MediPharm offers high user friendliness and reliable marking for multidose medications. After opening the upper label, the label parts underneath automatically "rise" for easy and efficient peel-off and can be applied to filled, disposable syringes.

### **MORRISON ENTERPRISES CORP.**

Pavilion 1, stand 46

#### Aluminum Foil

#### BOPP Micro-Perforated Bag

#### Courier Bag

#### Packing List Invoice Envelope

#### PE RASCHEL SACKS

### **MOSCA DIRECT POLAND SP. Z O.O.**

Pavilion 3, stand 69

#### SONIXS-MP-VA

Automatic strapping machine from stainless steel for the Food Industry. Developed with new patented energy-saving SONIXS ultrasonic strap sealing with sealed bearing construction to protect against moisture. All direct drives. Brushless motor technology. Wear-free, controlled strap track system. Adapted for cleaning with water and proper chemical substances.

### **Multisorb Technologies**

Pavilion 12, stand 30

#### FreshMax

FreshMax® Oxygen Absorbing Patches are adhesive backed and offer an ultrathin flat, flexible format, making them seemingly invisible. Tested under even the most extreme conditions, FreshMax® is designed to protect foods and other products against mold growth, color change, rancidity, and loss of nutritional value.

#### MAPLOX Program

The MAPLOXSM Program is an easy to use, low-oxygen packaging program designed to extend the saleable life of fresh meat at retail and realize significant savings from central location packaging. It provides consumers with fresh and appealing beef, pork, lamb, veal and other value-added meat products.

#### CSF Flip-Top Vial

Multiform CSF® Flip-Top Desiccant Vials have become a practical solution for in-vitro diagnostic test strips and several OTC drug products, gaining popularity for their simplicity and ease of use by consumers. The integrated desiccant design provides for the required protection against physical and chemical degradation and serves to ensure that healthcare products' stability and effectiveness are maintained.

#### StripPax System

The StripPax System is your turnkey solution; it combines the advantages of StripPax sorbent packets with the proven reliability of our Active-Pak Automation (APA) dispensing

Partner of this program is



**opakowania.com.pl**  
GRUPA MARKETEO.COM

equipment. StripPax are designed to remove moisture and/or volatiles from your package headspace to promote product stability.

#### TranSorb

TranSorb® Sorbent Packs are designed for use in freight containers and warehouse storage to protect products against moisture damage. The sorbent packs absorb large quantities of moisture to safeguard items such as machinery, canned goods, and steel products against rust and corrosion.

#### **NEWTEC**

Pavilion 3a, stand 29

#### the PAL-PACK 4900 conventional palletizer and the Multi-Line palletizing systems

The Pal-Pack 4900 includes a robotic layer preparation module. These high speed palletizers are used either for a single production line or for multiple production lines. Prior to the palletizer, the products are stored on an accumulation table to reach the correct number of products matching a full pallet. The total load is then transferred to the palletizer. Throughputs up to 750 layers/h

#### Bag palletizer with layer deposit – 500/1000 Series

This range of automatic palletizers can process a very broad spectrum of products and bags. Bags are oriented by gripper or cross. Layers are built row by row respecting bag shape. The palletizers are available in anti-corrosion, ATEX and anti-abrasion versions. This automatic bag palletizer series consists of 5 models covering throughputs from 100 to 2500 bags/hour.

#### Bag palletizer G300 with robotic gripper

This good value palletizing robot consists of a gantry equipped with a robotic gripping arm. It stacks the bags one by one directly on the pallet into a fixed frame.

Empty pallet supply and full pallet evacuation are carried out manually by hand truck for the basic model. This machine which is excellent value-for-money is suitable for bags that are easy to palletize.

#### Stacker cranes MOVICLASS & MOVISTOC

Newtec proposes two types of stacker cranes in order to store products in distribution systems:

-MOVICLASS stacker cranes with fixed racking which allow the automated storage of many product references for a limited number of products in each reference.

-MOVISTOC stacker cranes with dynamic racking which allow the storage of a low number of product references and a high number of products in each reference.

#### Palletizing robot PAL-VITE 410

The PAL-VITE 410 is a 4-axis articulated pick & place robot. It is reliable with high payload for palletizing a wide range of product formats at high throughputs. It is entirely suitable for bulk and/or display, packs, crates, carton, trays, various product packaging (bottle, brick, box, sachet, pouch, flask, drum, rolls of paper...), optimized floor space for palletizing, easy to operate.

#### **Pakko Sp. z o.o.**

Pavilion 12, stand 53

#### Oxo-biodegradable bottle for the dairy industry products

Pakko as first manufacturer in Poland produces oxo-biodegradable bottles. Such products decompose in all conditions, both by oxidation and decomposition by fungi and bacteria.



The oxo-biodegradable bottles will decay of their own in environmentally friendly way (does not emit the harmful methane) within a maximum a few years.

### **PHIMAR GmbH**

Pavilion 2, stand 4

#### WINDOW PACK

Our aim is much more than just to produce cardboard boxes. We are searching innovative solutions to satisfy many different demands of the market. Through our individual approach to each product we create unique cardboard boxes, more functional, with the added value and better quality. Window pack – small window arouses curiosity, you can see what is inside!

#### Level Pack packaging

For years our recipe for success contains simple ingredients: reliability, flexibility, functionality and our vision of the business. Working hand in hand with our customers, we aspire to achieve the highest quality, keeping up on daily basis with new trends and introducing innovative ideas. Level pack – you can see from outside how much is inside: the offer for those who must control the size of a portion.

#### Gable Top-BRAILLE PACK type packaging

Our cardboard boxes are clean, safe and hygienic. These properties create the possibility of their all-purpose applications, in the dairy industry, processing of juices, waters, eggs and also in the chemical and cosmetic industries. Braille pack – a pioneering and integrated packaging, important social project addressed to the visually impaired and blind clients.

### **Piab Polska Sp. z o.o.**

Pavilion 3, stand 79

#### piINLINE™ - the new energy-efficient multistage ejectors from Piab

piINLINE™ ejectors based on COAX® technology, are designed for handling electronic components, plastics and metal parts. They provide safe grip on low air pressure of 0.18 MPa. Ejectors are resistant to dust and fibers, making them reliable in carton handling applications. piINLINE™ increases productivity, reduces energy costs and improves the working environment.

### **POLIPACK SPÓŁKA JAWNA**

Pavilion 2, stand 30

A-Type XI pharmaceutical containers in capacities of 300, 450 and 600 ml, with a cap. The cap features a warranty ring that prevents the packaging from being tampered with. Moreover, the application of an insert for induction welding guarantees absolute tightness after closing a container. Purpose: The container may be used in the pharmaceuticals, food and chemicals sectors.

A-Type Thick-Walled Jar of Type III, 170 ml. A two-part jar made of SAN with a PP cap has extended the range of products in the Type III family. We offer EPE or POLLY-SEAL membranes to be applied with the cap. Purpose: The jar may be used in the cosmetics sector for body nurturing products. It looks outstanding in SPAs and cosmetic studios.

A membrane made of TIPPLEN for jars of Type XIV 50/100/150/250/300 ml, Type XII 50/100/165/270 ml and Type XIII 300 ml. The offer will soon be extended with membranes for other capacities. The membrane serves to seal a jar by sticking to its

walls snugly. An external grab provides multiple application and removal of the membrane.

Polypropylene jar made of three parts, Type XIII A, in capacities of 10 ml and 15 ml. Owing to the application of polypropylene in manufacturing, our product is much more durable than jars made of polystyrene (PS) or San (SAN). New capacities are now available. We can dye and decorate the jars, thus providing a product with a quality and purity guarantee, ready for packaging. An additional strength of this is that it is delivered to the given address by means of our transport.

Polypropylene jar, made of three parts, Type IV, in capacities of 10 ml and 15 ml. Owing to the application of polypropylene in manufacturing, our product is much more durable than jars made of polystyrene (PS) or San (SAN). It is a new proposal for this type of jar made with PP plastic. We can dye and decorate the jars, thus providing a product with a quality and purity guarantee, ready for packaging. An additional strength of this is that it is delivered to the given address by means of our transport.

### **Polpack sp z o.o.**

Pavilion 2, stand 17

#### Polwrap two-colour, perforated

initially extended stretch film with holes, strengthened with colour stripes made of stretch, ideal in the food processing industry, for packing loads placed on the pallets and not only, packing the products that require "breathing", among the others the mushroom, different vegetables and fruits, flowers, etc. They are available in the form of manual or machine rolls.

#### Polwrap type Pre Stretch

It is a strong and tough, elastic, light, thin, economic, efficient and ecological stretch initially extended, produced from raw materials of the highest quality. Thanks to the film thickness reduced to 7-9 microns, smaller number of wrappers, consumption of the Polwrap film is lower by more than a half and reduces the refuse by 50%, and consequently protecting the environment and saving the natural resources.

#### HolloWrap – tubeless stretch film

is a film lacking a cardboard core, with no limitation in the functionality when compared with the conventional stretch. It is a response to the demand of our customers and recommendations of the EU in scope of the environment protection; and all that has been achieved with no loss to the quality and serviceability. HolloWrap is the solution for the future, which decreases the cost of packing, eliminates the costs of utilization, is environment friendly – and consumable in 100%.

#### System fillers to the PadPak type packaging

serves for manufacturing the paper space filler, by using paper we obtain a possibility to apply it in many forms, to protect the goods, i.e.: by blocking and immobilization, shock absorption, wrapping, etc. A versatile system of internal packaging and protection allows equally to protect during transportation the most heavy and most delicate products.

#### Wrapper SE

Cheap, durable, modern, economical, modular construction of the wrapping machine designed for the goods placed on pallets, ideal for working with films of the Pre Stretch type and with the standard films. Polpack produces the wrapping machines of Wrapper type in different versions, which apart from wrapping the loads on pallets with a film, also pack the doors, windows and products with big overall dimensions. The Wrapper can also be manufactured as the automatic packaging line.

## **Pont Europe**

Pavilion 1, stand 24

### Alpha Sirop – pharma glass bottles

Alpha Sirop pharma bottles, material: glass, color: amber/white Nominal capacity (ml) 50-1000, neck finish (mm) - ROPP28.

### Pharma glass jars

Pharma jars, material: glass, color: amber/white  
Nominal capacity (ml) 15-500.

### Petpacker

Containers for vitamins and food supplements, material: PET, colors – various.  
Nominal capacity (ml) 60-950, neck finish: CT and HG.

### Pont Pack

Containers for vitamins and food supplements for manufacturers delivering products to customers by post, material: jar HDPE, cap PP  
Nominal capacity (ml) 120 and 275.

### Polypacker

Polypacker - perfect container for powders for body builders and athletes, such as sports nutrition and nutritional supplements including proteins, mass gain, creatine, vitamins and minerals, material: PP, colors - various  
Nominal capacity (ml) 1.500-10.000.

## **PREWA BIS**

Pavilion 3, stand 2

### LABELLING MACHINE SERIES EE

Portable labelling machine intended for labelling small packaging such as lipstick, mascara, nail varnish, vial. It feeds the labels from the table level, horizontally with the sticking side turned upwards. It allows for precise manual positioning of the feeding product and repeatable sticking of labels within accuracy +/-1 mm. Output: several thousand labels per shift (8 hours).

### CARDBOARD BOXES DATING AUTOMATON SERIES STA

It feeds the cardboard boxes stacked under the printing head automatically. The automatic machine thermally prints up to three lines of information 8 or 10 characters in a line. After removing of the cardboard boxes collecting attachment, a general purpose dating unit for various products is left.

### LABELLING AUTOMATON SERIES ETA FOR AXIALLY SYMMETRIC PACKAGINGS

Device intended for automatic collecting and sticking self-adhesive labels on the axially symmetric packaging with small dimensions such as: vial, pencil. After disassembly of the automating attachment it can also be used for labelling of rectangular packaging and flat bottles. Optionally, it is equipped with the thermo-printing dating head.

### LABELLING MACHINE FOR COOPERATION WITH A ROBOT

Labelling machine designed for cooperation with manipulators and robots in the technological sequence lines. Unique system of label feeding (sticking side turned upward) to be collected by the automatically delivered product.

### LABELLING MACHINE SERIES ET WITH A CONVEYOR

Portable labelling machine designed for labelling plastic bags or other flat objects delivered on the conveyor. The machine is can be optionally equipped with the thermo-printing head that prints the expiry date/serial number on the label.

### **PROMAG S.A**

Pavilion 4, stand 76

#### Semi-electric pallet truck EASYTRUCK

Semi-electric pallet truck EASYTRUCK is a modern working tool for every warehouseman. Compact design (only 15 cm longer than a standard hand pallet truck), reflexivity, motor driving and 1000 kg lifting capacity makes EASYTRUCK an ideal truck to work, especially in the superstores. It helps to provide health and safety requirements of the maximum load which is allowed to transport by one worker.

### **Promark sp. z o.o.**

Pavilion 3, stand 25

#### Promark labelling head Golf model

Promark GOLF labelling machine is a high performance equipment at competitive price. Automatic labelling head Golf is precise, reliable and versatile. It provides full integration and cooperation with production lines so as high level of reliability and durability.

Main features:

- Coloured, intuitive touch screen
- Simplified mechanical design
- QRC system enabling very fast label reel replacement
- Advanced yet user friendly electronic steering

### **RECTUS POLSKA Sp. z o.o.**

Pavilion 3A, stand 42

#### PNEUMAX OPTYMA "T"

We introduce You new series of PNEUMAX OPTYMA „T” valve island:

- 19mm thick valves, functions 5/2, 5/3, 2x3/2
- flow rate of 1000 NI/min
- low consumption coils placed all in one side of the valve
- quick mounting of the valve to the base
- possibility to use different pressures along the manifold (including vacuum)
- IP65 environmental protection
- 32 signals available (can be used to control up to 32 coils of the valves)
- Possibility to integrate with Field Bus modules
- Large use of technopolymer materials reduces the overall weight of the manifold.

### **RICCIARELLI SPA**

Pavilion 3, stand 64

#### VARIABLE ANGLE VERTICAL BAGGER - FRAGILE PRODUCTS

Equipment designed for pillow and block bottom bags  
Fragile products

#### TOP SQUARING UNIT

Product description

Equipment designed for brick bags

Speed= up to 95/100 bags per minute

### VOLUMETRIC FILLER - VERTICAL BAGGER

Packaging equipment for powder and granular products

#### **Silny & Salamon Sp. z o.o.**

Pavilion 3, stand 91

### SCHUTLOK TYPE T LOCK with the T4800 LOCKING MACHINE

T4800 locking machine with new locking system by means of the SCHUTLOK T devices.

T4800 – is a versatile machine locking the bags. Advantages of the machine include:

- max. output up to 4.800 locking operations per hour
- high speed and continuous adaptation of the working speed
- compatibility with all packaging lines
- user friendly operation and maintenance
- possible left hand or right hand arrangement

#### **Solaris Laser S.A.**

Pavilion 3, stand 24

### GS1 DataMatrix codes marked by a laser

The e-SolarMark device has been enhanced by the possibility of marking the GS1 DataMatrix codes. GS1 DataMatrix codes are used for marking the packaging of pharmaceuticals and medical products.

### Touch screen: more simple operation of the eMark device

eMark device, pricewise the most affordable and unattended laser for marking on labels, collective cardboards, glass, films, PE and PET packaging, has been enhanced by the possibility of operation by means of the interface with a touch screen.

### Contrast laser marking of plastic packagings and products

The e-SolarMark family of devices has been expanded by a laser for contrast marking of the packagings and products made of PE, PA or HDPE. Text of the markings can include combination of characters, codes and graphic elements which contain such information as the date, time, serial numbers and more others.

#### **SSI Schäfer Sp. z o.o.**

Pavilion 3A, stand 25

### High-efficient multi-location storage

Equipped with the latest function and power technology, as well as an extensive safety concept the Schaefer Orbiter System sets new standards for shuttle solutions. The experts of SSI Schaefer have developed a combined storage and transport system, consisting of shuttle vehicle and docking station that considerably increases **efficiency** and **performance** as well as the **safety** of a multi-location storage system.

#### **STRAPMET SP. Z O.O.**

Pavilion 12, stand 62

### Defalin TP-702

Defalin TP-702 is an innovative world-class high speed automatic strapping machine. It is equipped with all industry's standard features and several creative user friendly designs. Mercury offers the most optimal performance, highest speed - up to 65 straps per



minute easiest maintenance and the most cost effective solution in its class today. Mercury is suitable for general purposes application.

### **Sudpack Polska Sp. z o.o**

Pavilion 3, stand 82

#### Ecostream – film based system for steam cooking in a microwave oven

New steam cooking standard in the packaging of Ecostream type is the ideal solution for dishes in the cooled and deep-frozen versions intended for quick preparation. Easiness and speed of the preparation and retaining the taste and aesthetics of the dishes are the best recommendation for the Ecostream System. Example packaging of broccoli make the breakthrough in perceiving the healthy feeding by means of cooking in the microwave oven.

### **SYSTEM – Edmund Szymański**

Pavilion 2, stand 11

#### HSAJET MINI TOUCH INK-JET PRINTER

New industrial HSAJET MINI TOUCH printer with the HP cartridge technology, eliminates all inconveniences of the ink-jet printers, and its advantages include:

- minimum operational requirement and lack of maintenance,
- ink placed in cartridges preventing the workplace from being fouled,
- possibility of color printing and printing with the resolution up to 600 dpi (high quality),
- low purchasing price and low cost of operation.
- miniature dimensions,
- examples of the performance can be seen on the website: [www.system-es.pl](http://www.system-es.pl)

### **TARPAK**

Pavilion 3A, stand 1

#### **Linear weighers and computing-and-weighing systems**

Example application of the automatic packaging line:

- Food products (e.g., drops, dried fruits in chocolate)
- Metal components (e.g., bearings, bolts, nuts)
- Plastic components
- Furniture and handles and hardware elements
- Medical equipment parts
- Electric and electronic components

Our solutions are used in the delicate product packaging projects.

### **Technipes**

Pavilion 3, stand 30

Automatic weighing and packaging machine for loose products weighing 0,5 kg -1,0 kg -1,5 kg - 2,0 kg - 2,5 kg Packaging speed from 48 packagings/minute to 96 packagings/minute.

Automatic weighing and packaging machine for valve bags 10 kg - 25 kg -50 kg Packaging speed from 500 to 600 packagings/hour.



Automatic weighing and packaging machine for open bags 5 kg - 10 kg  
Packaging speed up to 250 packagings/hour.

Automatic palletizing machine "Ranner" A  
Speed of palletizing up to 2000 packagings/hour.

Automatic weighing and packaging machine for packing building materials (cement, lime, sand) into valve bags  
Packaging speed from 700 to 900 packagings/hour.

### **Total-Pack Sp. z o.o.**

Pavilion 2, stand 25

#### PP STRAPPING MACHINE

After reach right tension tape is cutting and welding. New precision electronic tension unit with low noise emission. More [www.maszynypakujace.pl](http://www.maszynypakujace.pl) .

#### FULLY AUTOMATIC CASE ERECTOR

Fully automatic case erector take the box, sealing bottom flaps with self adhesive tape, and ready for filling pull out. Machine designed 2009. Excellent solution for medium speed production. Functional body, production capacity 10 box./min. attractive price. More [www.maszynypakujace.pl](http://www.maszynypakujace.pl).

#### mytape

BOPP selfadhesive tape with natural rubber/solvent adhesive. mytape 165 - carton sealing tape for manual application. mytape 168 - carton sealing tape to be used on tapping machines/carton sealers. Colors - transparent, brown, white. More [www.mytape.pl](http://www.mytape.pl) and [www.totalpack.pl](http://www.totalpack.pl).

### **TRANSPORT CONTROL INTERNATIONAL GmbH**

Pavilion 12, stand 24

#### Shockwatch Indicators

These impact and vibration sensors help monitor the quality of transport and forwarding services. When excessive impact or vibration occurs, the sensors permanently change their colour. In effect, better service is ensured throughout the supply chain, and losses are reduced.

#### Tiltwatch and Tiltwatch Plus Indicators

These tilt sensors help monitor the quality of product shipping and handling services. Tiltwatch indicators change their colour permanently when excessive tilt is detected (exceeding 85 degrees), while Tiltwatch Plus sensors can indicate a maximum tilt angle of the load with an accuracy of +/- 10 degrees.

#### SkidMate and Skid Safe

Load-protecting shock dampers can effectively secure all fragile products against vibration and shock occurring during shipment, thus minimising losses. Durable and easy to use, they are mounted directly on boxes, containers or pallets.

#### Shocklog

Impact and environmental recorder designed for monitoring shipment and handling conditions to prevent damage to fragile or valuable goods. Impact scale recorded: 0.001G to 100G. Temperature and humidity recording available.

**VETROELITE S.P.A. Italy**

Pavilion 1, stand 17

GLASS BOTTLE MEDIA

glass bottle Media, colour: green antique. Recommended for olive oil, vinegar, juices and syrups. Closure - screwcap. Volumes: 250/500/750ml.

GLASS JAR SHAI

glass Jar Shai, colour: white transparent. Recommended for cosmetics and food. Closure - Twist Off cap. Volumes: 106/212/314ml.

**ViriPack GmbH**

Pavilion 3, stand 22

Packaging solutions "Herba", "Mica", "Baca"

The ViriPack packaging solution fixes articles with the Elastic Staple™ to header cards very fast, like kitchen tools, cutlery, DIY tools, toys, cosmetics, mats etc. Blisters, skins, clamshell packs, twist or cable ties can be replaced. Consumer can touch the product. This solution is eco- and customer friendly, reduces the packaging costs, increases the packaging speed, is flexible and convertible in fast steps.

**VS LABEL TECH Sp.z o.o.**

In cooperation with VERI-SERVICE ZĘBIEC Sp. z o.o

Pavilion 4, stand 82

VERA ROLA LABELLING MACHINE

Machine for putting the OPP and paper labels around the various types of packaging by spraying method (hot melt). The novelty is the operational versatility that allows to tape around both small and big, even 5-liter packagings. Polish design by VS LABEL TECH company in coproduction with Veri-Service Zębiec company which has more than 18-year experience in the sector of the different labelling machinery production, and in the production of the tooling equipment to such machines.

**WUWER Sp. z o.o.**

Pavilion 3A, stand 97A

Modular conveyor

The new conveyors from WUWER are separated in drive and transport modules. They use built-in electrical stopper for stopping and separating material. These new solutions are more efficient and lower costs of use. The save is about 15.890 PLN per year. These solutions are patent pending.

**ZEMAT TECHNOLOGY GROUP LTD**

Pavilion 3, stand 35

Automated flap box making machine BOXMAT 2400

- perfect solution for short run production of boxes or large scale box manufacturing
- Slotting, creasing and cutting off excess cardboard in one cycle
- Over 50 FEFCO styles to choose from
- Ability to make over 1000 boxes per hour
- Easy and fast operation
- Colour touch screen graphic HMI interface
- Quick size set up with the use of servo drives

Partner of this program is



**opakowania.com.pl**  
GRUPA MARKETEO.COM

- Circular blank board trimming knives
- Automatic cardboard feeder
- Automatically regulated creasing depth
- Special anti-slip feeder assembly preventing cardboard skewing

## **ZNAKPAK**

Pavilion 3, stand 34

### KLOK 550

A simple chamber machine endowed with the high performances of a powerful machine. Equipped with the "intelligent sealing system": the machine automatically adjusts the sealing impulse according to the temperature of the sealing blade. Special armoured heaters for constant and powerful heating. Perfect insulation of all the machine: the frame remains perfectly cold. 100% made in Italy.

### AUTO 60 UNICA

Compact automatic shrink wrapping machine. A wide series of options completes our Auto Unica machines and makes them very flexible and suitable for the packaging of a huge quantity of different products. The shrink tunnel is included in the machine frame, for a smaller footprint. Equipped with automatic adjustments and with 20 pages of electronic pre set memories. 100% made in Italy.

