

interpack PROCESSES AND PACKAGING

# French creative packaging machinery

Hall 6 Booth D 10-8

# GEPPIA

### PRESS KI

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### Summary

All the creativity of French packaging equipment manufacturers displayed at Interpack 2017, available in a blink of an eye in this document

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### GEPPIA's "Virtual Packaging Line" invites visitors on a first-ever journey at the heart of a packaging line's machinery.

Sensations are guaranteed with the Virtual Packaging Line, a serious game full of thrills that visitors will be able to experience for the first time ever at Interpack 2017.

Presented by GEPPIA on the Creative France's pavilion, this immersive journey in virtual reality aims at promoting the creativity of French machinery manufacturers who explore all the possibilities offered by new technologies in order to develop new products and services.

# What would you feel if you could travel at the very heart of our machines ?



Comfortably seated in their capsule and equipped with a virtual reality helmet, visitors will experience "from the inside" the journey of a food product on an entirely « Made in France » packing and packaging line.

Following each stage of the process, from primary packaging manufacturing to palletization, they will experience unparalleled sensations, skillfully worked out in association with Middle VR, a French startup and partner of GEPPIA specializing in virtual reality applications for industrial use.



# French OEMs implement virtual reality to enhance their competitiveness and services

With this collective project, which gathers about forty industrial manufacturers and suppliers, French OEMs entered into a structured approach that aims at developing new, 4.0, design processes and services.

Virtual reality has been used for years by major industrial manufacturers for product design. It allows, through quick iterations on digital models, to speed up the development process and avoid unpleasant surprises when entering into production. With the arrival of virtual reality helmets, mid-sized companies can now also benefit from this technology.

Virtual reality is particularly adapted for production equipments that must fit in unique manufacturing environments, and offer customers the possibility to co-design their machines with their suppliers, even if they are located thousands of kilometers away.

It is also a very powerful tool for training : immersion in virtual reality is highly compelling for the user and thus more efficient than any other technique for learning. This technology is indeed used by psychologists to treat phobias. Indeed, potential applications of virtual reality are countless, and French manufacturers intend to take advantage of them to maintain their standards of excellence.

### A project supported by a French Tech renowned actor

Committed to promoting the French technical expertise, GEPPIA's members asked MiddleVR to support them in their approach of virtual reality.

The main issue, when creating virtual reality applications, is to define a digital model that includes enough details for engineers and still operates fast enough to ensure a comfortable immersion to the user. This is actually what we are working on with GEPPIA's members, who called upon our expertise with an open mind in order to learn and conceive with us a prototype application. Their approach is quite relevant.

Christophe Gouet Project Manager MiddleVR



### On Creative France's Pavilion Hall 6 Booth D 10-8 Throughout the show



### About MiddleVR



MiddleVR provides softwares, tools and services for virtual reality developments. Targeted applications are training, design, communication, marketing and health. The company, which gathers experts from industry and research, is at the crossroads of IT development, cognitive science, design and ergonomics. MiddleVR aims at offering to customers powerful while user-friendly tools that can create experiences of which users are real actors.

The company was founded early 2012 by Sébastien Kuntz, who has behind him 15 years of experience in virtual reality and is renowned worldwide for its expertise.

# 3 GEPPIA's members nominated at Rockwell's Best Future Machine award

On May 4th, **Rockwell Automation** will unveil the winners of the Best Future Machine Award, which has been created to highlight innovative use of contemporary automation technology in packaging machines that can accommodate smaller batch sizes, tighter lead times, and frequently changing packaging concepts.

Jean-Marc Doré, President of GEPPIA, took part to the selection jury alongside with representatives from four leading international manufacturers : Johnson & Johnson, Procter & Gamble, Kimberly Clark and Nestlé.

Amongst the 26 nominees, 3 French equipment manufacturers : DS Smith, Gebo Cermex and Sleever International.

#### In the Modular Machine category

### DS Smith for the Combi 150R: the latest technology for end of line packaging machinery

Composed of 3 major modules (one mandrel case former infeed, one case filler entry packer infeed, one top case sealer or top lid), the Combi 150R forms, packs and closes cases at



high speed with greater efficiency and forming repeatability. Flexibility is one of its numerous benefits : customers can make boxes with 4, 6 or 8 sides (maximising the printable area for messaging) or even with rounded corners. The machine can also produce shelf-ready cases, such as those with a high back and low front to better display products.

"The Combi FCE 150R combines a fast and efficient mandrel case former with a highspeed robotic packing and sealing unit in a compact, energy-efficient line" says Gilles Deschamps, Sales and Marketing Director at DS Smith.

«The Rockwell Automation platform helps us keep the machine compact, which customers like because it saves floor space; moreover it provides the speed and reliability we need to drive our mandrel case former – and that's one of our main differentiators on the market. »

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#### In the Modular Machine category

### **Gebo Cermex** for CareSelect<sup>™</sup> : a new shaped-bottle infeed system to preserve product integrity

CareSelect<sup>™</sup> is Gebo Cermex's patented universal and modular shaped-bottle infeed and collating system for robotic or traditional case packers. Utilizing Rockwell Automation's

iTRAK® technology and capable of achieving speeds of up to 400 products per minute, the CareSelect system easily surpasses traditional 'endless screw' collation systems in terms of bottle integrity and protection.

It smoothly delivers individually shaped bottles to the packing machine with precision and care. 'Friction time' between the bottle and the system is dramatically reduced (by at least 20 times) compared to an endless screw infeed system. In response to the demand of customers for flexibility and reduced downtime when managing production of different batches, fully automatic



changeovers are achieved in less than one minute, with no need for mechanical adjustments, tools, change part or manual intervention.

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#### In the Sustainability Category

### **Sleever** Machines Group for Sleever<sup>®</sup> Combisteam LDPET: the sustainable way to increase productivity

The new Sleever® Combisteam LDPET ticks all the boxes: it delivers significant space and energy savings while having excellent ecological credentials.

Recycling centres can quickly separate the special sleeves from PET bottles, which can then be 100% recycled. Along with a processing speed of 600-1200 units a minute, the machine saves 40% in floor space and 50-60% in energy consumption compared to traditional sleeving machines. Customers can use package formats from 20cl to 1 litre with a changeover time of just 10 minutes. The roll of sleeve film can be changed without stopping the machine.



All in all: the Sleever® Combisteam LDPET boosts productivity, saves money and helps protect our oceans.

"The Rockwell Automation components we use in our machine enable us to make significant efficiency gains in terms of fast installation, integration and troubleshooting," says Bruno du Plessix, Business Development Manager at Sleever® Machines. "They form a coherent architecture that facilitates future upgrades for our customers, along with all the space and energy savings they achieve with this machine."

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### French OEMs latest innovations for efficient, smart and sustainable packaging

French OEM members of GEPPIA keep innovating to offer their customers smart solutions for efficient, flexible and sustainable packaging processes. Herebelow an overview of some of the latest French innovations that will be unveiled at Interpack. For more details, please consult the press release of each manufacturer.

#### Packaging 4.0

### **Gebo Cermex** brings smart factories to life via the Agility 4.0 program

As a key player in the Factory of the Future movement, Gebo Cermex will be demonstrating at Interpack how its approach can ensure high performance, cost-effectiveness, high productivity and greater agility for packaging lines of today and tomorrow.

The Agility 4.0 program is based on a unique integration business model that encompasses smart machines, system and data intelligence, digital connectivity and powerful simulation tools, all within a philosophy of sustainable production. It brings Smart Factories to life in order to create a world of greater choice and unique consumer experience driven by packaging mass customization and product diversity while keeping Operating Expenditure (OPEX) to an absolute minimum.

Gebo Cermex will also offer several virtual reality experiences to visitors. These will particularly demonstrate innovative ways of training operators and maintenance personnel, as well as providing an insight into how the future of packaging lines will look via an engaging virtual tour of a production facility.

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### Packaging 4.0

### Serac develops integrated solutions for connected packaging

For the first time on Interpack 2017, Serac will present all its packaging activities under a single brand name associated with a new logo.

The rejuvenated Serac logo reflects the strategic shift initiated by Serac Group a few years ago and its will to become a global partner supplying value-added primary packaging solutions to its customers.

Alongside its bottle and cup filling machines, Serac will highlight connected packaging, a subject on which many companies start wor-



### Aneolia implements automated metrology for MAP and seal integrity control

Anéolia, a manufacturer of instruments for packaging integrity, is presenting an enriched version of Abiss® automated analyzer: the OXYLOS. With the highest accuracy of the market and the lowest measurement constraint, the OXYLOS allows to combine on the same packaging at the production workshop or automated laboratory:

- Gas analysis (O2 / CO2)
- Leak measurement (as small as 5 Qm)
- Strength of sealing measurement

The OXYLOS doesn't require consumables or septa, and is operating safely without needle

#### Packaging 4.0

### **Stoppil** offers new communication options on automatic fillers

Specializing in filling and screwing machines dedicated to liquid products for over 45 years, Stoppil has recently enhanced its range of automatic fillers with additional options enabling machine's automatic setting. The aim of the company is to develop more communicative machines that will be able to give their own information, for preventive maintenance or other purposes.

Stoppil's range of screwing machines has also been improved with a new model EB7000 that displays an automatic pump or spray feeding.



king and for which the group is developing integrated solutions.

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handling. The OXYLOS is designed to be used on the production line and distinguished by its connectivity: it simply connects to controllers, doesn't require any operator and allows automatic data transfer to the ERP as well as remote maintenance accesses using a 3G box. »

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### Primary Packaging - Bottles, jerrycans

### **1 BLOW** presents the most compact and versatile PET blow-moulding machine

The 2-cavity machine type 2LO is capable to produce all types of PET bottles ranging from 150 ml to 2,5 litres : round, square, oval, offcentred, with or without neck orientation, for cold and hot fill applications... All options are directly available on a new machine, or as an upgrade at a later stage. Consequently, 1 BLOW customers are free to adapt their equipment and their investment to the real needs of their markets.

Most of the existing standard moulds in the market may be re-used on the 2LO machine thanks to the specific mould holder that is installed in the press.

All main functions are servo-driven, providing high accuracy and extreme high outputs. The 2LO can be directly connected to an air conveyor or to a chain conveyor to exit the bottles to the filling line or to a palletiser.



Despite its footprint limited to only 2 x 2 metres, the 2LO offers a full access to all components thanks to its internal floor, enabling easy and quick changeovers.

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#### Primary Packaging - Bottles, jerrycans

### **CDA** presents the NINON MIX: a versatile labelling machine

The Ninon Mix is adapted for square, conical, round and oval containers (bottles, cans, trays...) and can reach an output of 60 products per minute.

Very versatile, the machine is able to apply up to 5 labels on containers ranging from 60 to 110 mm in diameter without any change of tool.

Control is made through an intuitive touchscreen which allows the operator to manage easily all production parameters and thus reduces production downtimes (temporization and covering heights can be memorized in a few clicks)

Additional printing on labels is available as an option (to add for example « use by » dates or batch numbers).

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### Primary Packaging - Bottles, jerrycans

### PACK'R spotlights its step by step rotary fillers

PACK'R will display its PR10, a step by step rotary filler capper tested and appreciated by many customers worldwide. Available in various standard configurations with optional features and in ATEX version (explosion proof design), this machine is adapted for food (mayonnaise, sauces, dressings, edible oil..) as well as for chemical products (agrochemicals, lubricants...).

Empty containers are introduced in a starwheel and the operations are made step by step on each station. The nozzles and capping heads are static.

The PR10 distinguishes through its small footprint, modularity and versatility : it can handle a lot of container shapes, from pails to jars with a «Click&Play» system for a quick format changeovers.



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#### Primary Packaging - Bottles, jerrycans

#### **PKB** presents a 100% renewed machinery range

The French leading manufacturer of Cosmetic, Make-up and Perfume filling machines and lines has renewed all its machinery range, focusing on flexibility, fast format changeovers and best value for money.

PKB provides a full range of solutions, from the smallest machine to the fastest one (200/400 bpm) to contract packers and manufacturers dealing with short and medium production runs, multiple formats and the absolute necessity of being reactive.

Solutions include filling machines for cosmetic bottles, jars and roll-ons, nail varnish, eye-liner, mascara, perfume bottles, samples and miniatures.

100% of the machines that leave PKB factory are certified compliant by an independent external body.

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### **Primary Packaging** - Cups

### Synerlink announces the arrival on the market of the first cups decorated with the end-of-line shrink sleeve labeler APsleeve

With the APsleeve, SYNERLINK offers a unique end-of-line integration of a shrink sleeve applicator that is able to insert the sleeve label from the bottom and shrink it in less than 3 seconds on both FS and FFS lines (individual and welded cups).

This solution is particulary adapted for yoghourts and milk-based desserts, which must not be over manipulated or turned upside down, and for non stackable pots with curved shapes (spherical, for instance). The APsleeve distinguishes through perfect alignement of sleeve and lid graphics, which is almost non-existent on the spheric cups' market. It also benefits from a small footprint and great flexibility thanks to its modular design.

The Apsleeve is already running on 4 production lines in Russia and will soon be installed on 2 more lines with innovative cup shapes. Synerlink has also announced the acquisition of Ermi, a leading manufacturer of ultra-clean and aseptic fill-seal bottle and cup fillers for milk, desserts, yogurt and juices.

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#### Primary Packaging - Pockets, trays

### **CB Equipements** provides a solution for delicate to dose products

The latest generation of pocket filler DP SA 2x2 (2 tubes – 4 dosing positions) is the ideal solution to dose products that can not be pumped or are not adapted for scale dosing, such as cooked rice, pastas, salads, ready meals, fruit cubes, vegetables cubes, meat and pet food chunks

The DP SA 2x2 includes an automatic feeding system (Euro bins lifter, feeding conveyor, pneumatic transfer or Liftvrac®), a dosing mask protecting the sealing area, an integrated vacuum pump and an assistance to enable product ejection. This equipment suits high speed lines(up to 140 trays /min).

CB Equipements pocket filler offer an outstanding dosing accuracy, preserve product integrity, maintain the mix homogeneity.



This equipment has been designed to enable speed cleaning.

This latest generation of pocket filler completes our range of solution for the food industry in denesting, dosing, capping, ultraonic slicing, conveying and end of line area.

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### Primary Packaging - Pouches and bags

### Thimonnier presents the new generation of filling and sealing machines for DOYPACK<sup>®</sup> and pillow pouches

They include a spout filling machine dedicated to DOYPACK® applications (SF102) and two VFFS machines for pillow pouches (THP7200 & M1500 Pep Up®).

The SF102 spout filler allows to fill liquid and viscous products, with or without pieces, in spouted pouches. It can be used for detergent, cosmetics and food applications, and is available in hot filling as well as ultra-clean version. Using premade pouches combined with the filling through the spout, it offers high flexibility in terms of spout positioning (in the corner or center), pouches shape and volume (from 50ml up to 2L). The SF range is available from 1 to 6 lines of filling, allowing outputs up to 240 pouches/min. The concept of modular and compact machines developed by Thimonnier also allows to operate several SFs in parallel.

The THP7200 is a VFFS machine for both liquid and viscous products (milk, kefir, and yoghurt) packed in polyethylene "pillow" pouches. The machine is used for pasteurized, ultra-clean, aseptic (UHT) milk. Thimonnier offers a wide range of models, with capacities from 400 to 12,000 pouches per hour.

The M1500 PepUp® is a new range of VFFS machines for PepUP® pouches. The main feature of this innovative packaging is its opening

#### Primary Packaging - Pouches and bags

### Karlville exhibits its new SPOUTPRO IFC-2 for pouch filling trough the spouts

The SPOUTPRO IFC-2 is a all-in-one spout inserting, pouch filling through spout and capping machine. It can be used for any kind of liquids, food and non-food packed in pouches ranging from 0,1 liter to 3 liters, with spout placed at the top center or in the corner. Filling is done with high pressure and requires neither air evacuation nor sealing.

With 2 filling heads and 4 sealing stations, the SPOUTPRO IFC-2 can work at a maximum speed of 55 ppm. It also offers a simple machinery, quick changeovers and a walking beam



and closing system.

A patented valve, sealed during the filling at the machine, enables a self-closing pouch without additional accessories. The self-closing pouch is easy to use : squeeze to open and release to close. Moreover, this is a model of Eco design, as its volume is reduced to its content and requires a minimum quantity of packaging material. PepUP® one hand self-closing pouch is a real revolution in the packaging field!

#### Hall 6 Booth C13 > Read more | @Press contact



design that allows for long fill times. Spout filling is a highly reliable and very clean process that allows for an easy handling of shaped pouches and requires less material since high fill level is possible.

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### Primary Packaging - Pouches and bags

### **Technibag**'s Premia WS : "Fill positive and innovation"

Premia WS is a versatile semi-automatic filling machine for vacuum bags that are separate (Single) or attached together in a ribbon (Web).

It is distinguished by its aesthetics, ergonomics and comfort of use.

The main feature that makes this machine a major innovation is the cutting assistance. An element patented by TECHNIBAG, which brings productivity, reduces work strain and guarantees the quality of cutting for bags attached together in a ribbon.

The Premia WS allows to fill bags ranging from 3 to 20 liters in « web » or « single » mode. It is perfectly adapted for medium and largescale filling of bags since it can keep high rates. Perfectly adapted for sensitive products, the filling machine has an automatic operation mode which eliminates the need for putting the bag in place manually. This applies to bag in "web" mode.

Also displayed on Technibag's Booth : The Sympaty TOP 320 , a semi-manual filling machine which is altogether versatile, efficient and



ergonomic ; the Flexi-Line TOP 720 an automatic high speed filling and packing line for liquids in bag-in-box.

Hall 6 Booth C4-1 > Read more | @Press contact

### Primary Packaging - Pouches and bags

### MOM celebrates its 90th anniversary with a new filling machine for bags and buckets up to 30 kg

This weight-filling machine for large volumes is designed to fill buckets or bags with a maximum of accuracy, speed and flexibility : from 500g to 30 kg on the same equipment with outputs up to 2,500 kg/h.

The new Z 78 has been designed to minimize maintenance and efforts from operators, as well as to reduce format changes to less than 5 minutes.

The dust capturing system allows to deal with all kinds of powders, from free-flowing ones to the dustiest ones. Product infeed is automated and can be made by gravity or with a pneumatic transfer system.

The machine records every weight filled, with its batch number, tare weight,... This data can be retrieved with any USB key or via Ethernet. No software or license needed !

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### End of line

### **Bernhardt** efficiently packs sensitive products into FIBCs

The company now offers the possibility to produce perfectly tight FIBCs (flexible intermediate bulk containers), in order to preserve sensitive products' integrity. This solution allows to ensure bulk products' quality despite long transportation distances (overseas deliveries).

Tightness and inviolability are ensured by gas flushing and a vacuum process plus sealed closure.

The all-in-one machine is adapted for any size of FIBC, compliant with BPF/clean rooms and available with an ATEX option. It offers a high productivity level together with data traceability.

#### Hall 9 Booth F22-3 > Read more | @Press contact



### End of line

### **CGP Coating Innovation** presents Excalibur, an automated palletization tie-sheet cutter

This innovative solution has been designed to automatically cut out and distribute palletizing interlayers from a single roll - according to defined lengths.

EXCALIBUR sets itself up directly in the palletizing lines and fits in with the configuration and the special features of each site. It allows the cutting of standard and technical papers inserted between the layers of products to ensure their stability all along the supply chain.

EXCALIBUR is available in 3 different models : BASIC, CLASSIC, and EXTENDED, in widths of 800 mm, 1200 mm, 40" and 48", for sale or rental.

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### End of line

### **TECMA-ARIES** proposes an autonomous robotic cell for blank loading on all types of formers.

This cell is capable of feeding a dual track former at the rate of 84 trays/min. It can also be configured with two stations of unloading and various sizes of trays for the feeding of two separate machines.

An automatic feeding system for pallets can also be installed. Overall flexibility is ensured by the robot that can handle different formats of pallets, pallet patterns and numbers of piles. Recognition by vision allows a high tolerance in



the positioning of the piles on the pallet. The layout of the cells is custom-made by TEC-MA-ARIES according to available space.

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#### End of line

### Thimon, "French manufacturer of overwrapping machines and conveying systems"...

### Thimon focuses on plastic film savings through spiral wrapping

The WRA-PAL SWING saves plastic film while maintaining high speeds for wrapping operations ; it makes spiral wrapping possible with any type of pallet on 4 or 5 sides with just one reel of film of high autonomy. With its 1 meter width film, it allows to get a stronger packaging using less film.

From 3 to 1, just like that : a single machine for complete overwrapping (the upper face cover protects against dust and rain), one maintenance programme and one film supplier, a consumable management reduced by two.

The originality of the machine is based on its patented triangular arm system with movable return that also allows folding the film to get a perfect control of the lay-on-force.

The adjustment of the rotation speed of the turntable (number of turns top and bottom), the adjustment of the rate of coverage as well as the pre-stretching (from 50 to 300 %), are all the operations that can be made very simply. Achieving outputs up to 100 pallets/hour, the WRA-PAL SWING offers high cost effectiveness.



#### Hall 12 Booth E30 > Read more | @Press contact

### **Peripheral equipments**

### **Claranor** unveils its latest compact and chemical free sterilization units

Claranor will showcase 3 new pulsed light sterilization units :

- Claranor Essential, a very compact and costattractive cap sterilization solution, designed for low and medium speed lines in the beverage industry,

- The Full cap sterilization, a solution to address the cross-contamination issue for the ESL products (> 60 days), in the beverage industry as well,

- The Puls'Combi FS, which is a solution for combined decontamination of cups and lids for the dairy industry.

With over 250 production lines equipped world-

#### Peripheral equipments

### **DCM** presents a new concept of slitter rewinder

The French manufacturer specializing in converting machines for the production of flexible packaging materials will present on its Booth a new slitter rewinder with a promise of unexpected ROI.

Designed to be user-friendly with new ergonomics and an intuitive HMI, this machine combines productivity, versatility and a low energy consumption. Very compact, its optimized design allows quick installation and settings. It is also BRC compatible

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### **Peripheral equipments**

### Sairem provides fast defrosting through microwaves tunnels

**Fast heating !** Our range of MW tunnels allows standard frozen blocks to be defrosted within a few minutes, from -20 °C to -4 °C/-2 °C with hourly capacities from 1 to 12 tons.

The products can be diced, ground, cut or





wide, Claranor's solutions are acknowledged by the most famous food and beverage companies as well as the main equipment manufacturers. Interpack will be a great opportunity for visitors to discuss their packaging sterilization projects with Claranor team and Löhrke, its exclusive dis-

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tributor in Germany.



sliced immediately after microwave processing. For small and medium companies needing smaller capacities, Sairem also offers a range of microwave batch machines, ref AMW 100 or AMW 200. Their compact design allow them to be easily integrated into production lines.

An average of 150 to 350 kg/hour of frozen meat, poultry or fish can be tempered within a few minutes in these batch machines, and it's possible to temper 2 blocks at the same time. The AMW 400 can even defrost from 800 to 2000 kg/hour.

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### French OEMs : a complete offering, from primary packaging to the end of line

France is the 5th world largest exporter in the packaging sector. Our country hosts worldwide leaders in food, cosmetics and pharmaceuticals who developed long-standing partnerships with French equipment manufacturers.

Packaging is the 8th largest industrial sector in France and employs more than 115 000 people.

### The exhaustive offering of French OEMs in your smartphone

On GEPPIA's Booth, visitors will be invited to discover on the blueprint of a complete packaging line the entire spectrum of applications covered by French machines.

Linked with a free application for mobile devices downloadable on the AppStore and Google Play, this interactive media offers access to a presentation of the wide range of equipment offered by French manufacturers, and a chance to view them in augmented reality.

In one single click, visitors will thus be able to browse the exhaustive offering of French packaging industry, at any time and wherever they want.

### For any kind of product and primary packaging

GEPPIA's members offer weighing, dosing, filling, capping/sealing and labelling solutions for almost any kind of bottles, pouches, bags, cups and trays. Their machines are used to pack liquid, viscous, pasty, or solid products and even powders in the food, cosmetic, household, chemical and pharmaceutical industries.

The 85 French equipment manufacturers members of GEPPIA are amongst the most dynamic and innovative in France ; nearly 50% of their machines are sold on foreign markets.

Together, they can supply complete packaging lines for nearly any products with a high level of customization ; their complete offering can now be accessed very easily through a digital app.



### Down to the end of line

GEPPIA's members also offer a complete range of equipment for secondary packaging and palettization, as well as numerous peripheral devices to fulfill various functions such as conveying, decontamination, cleaning, marking or automated visual inspection.

### The « Packaging Line » app Available on AppStore and Google Play



disponible sur Google play



### About GEPPIA

This 10 years old professional organization aims at supporting the development of French manufacturers of process and packaging machines as well as of peripheral equipment by creating for them opportunities for technical, economic and business synergies.

GEPPIA today has a membership of around one hundred manufacturers of machines and peripheral equipment, who together employ 8 000 people and generate a cumulative turnover of 1,5 billion (of which 45% outside France).

Partner suppliers of GEPPIA's manufacturers are also members of the organization. They actively contribute to OEMs' technical developments and participate to the pooled communication and marketing projects set up by the GEPPIA team. GEPPIA is also the initiator of « Packaging Trends - The future of manufacturing », a collaborative industry white paper published for the last edition of Interpack.

The opinion columns of experts from the packaging manufacturing, the retail and consumer goods industries who share their insights on packaging evolution from a wide array of perspectives are hosted on a dedicated website (www.packaging-trends.com) which is regularly enriched with new content.

An update of the white paper is under preparation and should be released in the course of 2017.

\* Groupement des Équipementiers du Process et du Packaging des Industries Agroalimentaires

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