



FOOD
BEVERAGE | technology |

PROVIDING EQUIPMENT, PRODUCTS AND SERVICES TO THE FOOD AND BEVERAGE INDUSTRY



2020 edition
catalogue



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Ci sono caramelle e caramelle. Per la produzione delle vostre, affidatevi alle selezionatrici per l'industria alimentare TOMRA Food. Da oltre 40 anni, la migliore tecnologia al vostro servizio: per proteggere il vostro marchio, automatizzare i controlli e migliorare costantemente la qualità del vostro prodotto.

Contattateci oggi per scoprire le nostre soluzioni.

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MAGAZINES AND WEB PORTAL FOCUSING ON FOOD&BEVERAGE, AND PACKAGING TECHNOLOGY



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MAKRO LABELLING: technology in evolution on the small and large scale

Modularity, flexibility and practicality are key concepts in a company whose strong point is technological innovation and development. This is what the market wants and this is what customers get from the Italian based Makro Labelling, international standard setter for industrial labellers in the beverages, food, detergent and pharmaceutical sectors.

The thirty years' experience of its founders, a team of 90 people, a dense and well-organised sales network consisting of the branch offices Makro UK for the United Kingdom and Makro North America in Saint-Philippe (Montreal) for Canada and the USA, together with agents and representatives in the most important countries throughout the world, plus an impeccable assistance and spare parts service guarantee satisfaction of every labelling need and constant expansion on all the most important international markets.

A range of labellers for production speeds of 1,500 to 50,000 b/h

The range includes labellers able to process from 1,500 to 50,000 bottles per hour, applying up to five labels per bottle and available in wet glue, hot melt, self-adhesive and combined versions. For companies with limited production requirements, the **MAK 01**, **MAK 02** and **MAK 1** labellers provide speeds of up to 12,000 b/h with mechanical or electronic rotation of the bottle plates.

With special applications and able to cope with production speeds of up to 50,000 b/h, the **MAK 2, 3, 4, 5, 6, 7 and 8** labellers, on the other hand, satisfy the needs of medium to large companies.

The range includes a high speed self-adhesive labeller with reel winders and non-stop system enabling production to continue at maximum speed even during reel changes and a combined labeller to apply the fiscal guarantee seal.

For the high volume PET market, such as the water and soft drinks sector, Makro Labelling has developed the **MAK Roll Feed** series of rotary labellers. The 6,000 b/h to 40,000 b/h production speed and use of wrap-round plastic labels on a reel with hot melt application guarantee maximum economic



benefits in the production process. The modularity of the machine also allows the roll feed unit to be replaced with a hot melt unit for pre-cut, wet glue or self-adhesive labels.

Again designed for the water and soft drinks market, but needing between 6,000 and 16,000 b/h, the new series of **MAKLINE Roll Feed** labellers features motorised axles and brushless motors to minimise costs while maintaining meticulous labelling quality.

The new **double-station self-adhesive MAKLINE** is, on the other hand, designed for the beverages, food, detergent and pharmaceutical sectors. It packages large and small containers and offers the same high quality labelling as a rotary machine.

In common with the entire Makro range, the **MAKLINE** is fitted with the **Vision Control** system to verify the quality and correctness of the packaging and manage rejects.

The **Follower** optical guide system (an exclusive patent) enables the bottles to be aligned for application of the labels in precise positions with respect to a reference on the bottle and reduces format change times and costs. It is available in carbon fibre and fitted with a line scan camera.

Thanks to a special, patented paper delivery system, the new **MAK AHS2** self-adhesive labelling module responds to the need for faster, more precise machines. It guarantees a linear speed of 100 metres a minute at a label pitch of 20 mm.

The technical and R&D departments monitor the market closely to understand its demands and anticipate them with new solutions able to offer efficiency, speed and a concrete response to specific labelling needs.

Latest developments include the prototype of **C Leap, a new, truly revolutionary labelling system, and two new inspection systems - M.A.I.A.** (Makro Advanced In-line Analysis) and **A.L.I.C.E.** (Advanced Label Inspection and Control Environment) - which guarantee high performance, less production rejects and the highest finished product quality.

www.makrolabelling.it



Tecnología para grandes resultados
Tecnologia para grandes números

MODULARIDAD, FLEXIBILIDAD, FUNCIONALIDAD MODULARIDADE, FLEXIBILIDADE, PRATICIDADE



El etiquetado en los sectores bebida, alimento, detergentes e industria farmacéutica es nuestra pasión y nuestra actividad principal desde siempre. Tecnologías innovadoras, una red internacional de venta y de asistencia posventa y la flexibilidad operativa son nuestras bazas. Hemos logrado cumplir todas las exigencias de etiquetado de 1.500 a 50.000 b/h; un resultado, apreciado por empresas de todas las dimensiones. Las más de setecientos instalaciones actualmente presentes en el mundo entero son nuestro mejor aval.



A rotulagem nos setores das bebidas, alimentação, limpeza e indústria farmacêutica é, desde sempre, a nossa paixão e a nossa primeira atividade.

Tecnologias inovadoras, uma rede internacional de venda e assistência pós-venda e flexibilidade operativa são os nossos pontos fortes. A satisfação de cada exigência de rotulagem de 1.500 a 50.000 g/h é o nosso resultado, apreciado por empresas de todas as dimensões.

Os mais de setecentos sistemas já presentes em todo o mundo são a nossa maior confirmação.



FINLOGIC SPA: 360° automatic identification solutions

Finlogic SpA is a company listed on Aim Italia and active in the Information Technology sector. It has been operating in label production and distribution of solutions for the coding and automatic identification of products since 2003, through the use of barcodes and of RFID technology, in addition to the internal production of customized labelling systems based on needs. In particular, Finlogic is a manufacturer of blank and printed labels of all types, which can be supplied in sheets or in reels and for any sector: logistics, food, chemical, pharmaceutical, health, cosmetics and retail. It has a converting solution for the production of anti-theft labels and RFid tags for any type of request and ranges from the production of labels for scales, to printed labels of primary decoration for all shelf products. With the introduction of a top-line digital printer in production, Finlogic is able to respond to any request for customized printed labels on reels, ranging from a few hundred to thousands of labels per single reference. Importantly, the

labels produced with this solution may be suitable for direct contact. The listed company is a partner of the main international brands for the distribution of thermal transfer printers, readers and terminals for automatic identification, digital color printers in reels, consumables such as ribbon and cartridges, with a wide and complete range of solutions, for every type of labelling requirement. Specifically, Finlogic is the Italian distributor of brands such as Sato, Toshiba, Citizen, Zebra, Intermec, Microscan, Honeywell, Opticon, Motorola, Datalogic, Primera, OKI, Epson and Vipcolor. Finlogic has over 60 production lines divided into three factory premises, one in Acquaviva delle Fonti (BA), one in Bollate (MI) and Rottofreno (PC), with numerous technical / commercial offices in cities such as Rome, Turin, Florence and Monza Brianza, thus guaranteeing widespread coverage of the territory, with pre- and post-sales assistance. 

www.finlogic.it



FINLOGIC SPA: soluzioni di identificazione automatica a 360°

Finlogic S.p.A. società quotata su Aim Italia e attiva nel settore dell'Information Technology, dal 2003 opera nel settore della produzione di etichette e distribuzione di soluzioni per la codifica e l'identificazione automatica dei prodotti, attraverso l'utilizzo di codici a barre e della tecnologica Rfid, oltre la produzione interna di sistemi di etichettatura personalizzati in base alle esigenze. In particolare Finlogic è produttore di etichette grafiche e neutre, di tutti i tipi, che possono essere fornite in foglio o in bobina e per qualsiasi settore: logistica, alimentare, chimico, farmaceutico, sanitario, cosmetico e Retail. Dispone di una soluzione di converting per la produzione di etichette antitaccheggio e di tag RFid per qualsiasi tipo di esigenza e spazia dalla produzione di etichette per bilance, ad etichette stampate di decoro primario per tutti i prodotti da scaffale. Grazie alla recente introduzione di una stampante digitale in produzione, Finlogic è in grado di soddisfare qualsiasi richiesta di etichette stampate personalizzate in bobina, anche per piccole tirature, come le poche

centinaia o migliaia di etichette per singola referenza. Perseguendo il valore della sostenibilità, lo scorso anno ha ottenuto la certificazione FSC per molti materiali, e propone supporti per etichette compostabili e biodegradabili. Il Gruppo quotato in borsa è partner dei principali brand internazionali per la distribuzione di stampanti a trasferimento termico, lettori e terminali per identificazione automatica, stampanti digitali a colori in bobina, consumabili come ribbon e cartucce, con una gamma di soluzioni ampia e completa, per ogni tipo di esigenza di etichettatura. Nello specifico Finlogic è distributore per l'Italia di: Sato, Toshiba, Citizen, Zebra, Intermec, Microscan, Honeywell, Opticon, Motorola, Datalogic, Primera, OKI, Epson e Vipcolor. Finlogic ha oltre 60 linee di produzione divise su tre stabilimenti: Acquaviva delle Fonti (BA), Bollate (MI) e Rottofreno (PC), ognuno con annessi uffici tecnico commerciali, oltre le sedi di Milano, Torino, Firenze, Roma e Monza Brianza, garantendo così una copertura capillare del territorio, con assistenza pre e post vendita. 

SOLUZIONI DI ETICHETTATURA E TRACCIABILITÀ DEGLI ALIMENTI

Il Gruppo Finlogic, offre le migliori tecnologie per l'identificazione automatica, la raccolta dei dati e l'**etichettatura**, al fine di supportare le esigenze di tracciabilità, sicurezza alimentare e conformità richieste dalle aziende di trasformazione, distribuzione e vendita di alimenti.



Con ben **tre stabilimenti di produzione** e nove sedi commerciali in tutta Italia, Finlogic è tra i primi produttori di etichette in Italia, per il settore alimentare, ortofrutta, vini e bevande, oltre che per tutta la GDO e il settore Retail.

Milioni di **etichette adesive neutre, stampate, per bilance pesa prezzo, in fogli A4 ed etichette e cartellini RFID** vengono prodotti ogni giorno in Finlogic.

Grazie ad un team di esperti, siamo in grado di proporre **soluzioni a 360°** per soddisfare le esigenze di sicurezza alimentare e conformità, oltre alla necessità di ottimizzare l'efficienza produttiva e l'efficacia del design delle etichette, ai fini delle vendite.

Per questo FINLOGIC è **il partner ideale per le aziende del comparto alimentare.**

Le soluzioni Finlogic per il settore alimentare

- ▷ Sicurezza ed etichettatura degli alimenti ▷ Software per la Logistica
- ▷ Gestione del magazzino e della distribuzione ▷ Raccolta dati
- ▷ Efficienza di produzione

Brand distribuiti:



Gruppo Finlogic S.p.A.: 9 sedi in tutta Italia

Per saperne di più visita il sito www.finlogic.it oppure richiedi informazioni a info@finlogic.it

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BBM Packaging, optimize the production through the planned maintenance

The maintenance of an industrial machine is essential to guarantee the maximum efficiency of a production line. For this reason, BBM offers its customers ordinary and extraordinary maintenance. BBM is specialized in the maintenance of bottling and packaging machines, with a team consisting of more than 50 highly skilled technicians able to offer maintenance on blow moulders, filling machines, packaging, conveyor and more. One feature of the BBM service is the timely and precise intervention which optimizes the work to be done and limits the stoppage time to the minimum. BBM technicians can work by the customer's premises or disassemble the parts and take them to the BBM workshops in San Pellegrino and Lenna, according to the needs. At the two BBM plants, there are cutting-edge equipment and the most evolved cleaning systems, such as ultrasound tools, for excellent results. BBM service team intervenes for urgent interventions or scheduled maintenance. BBM offers maintenance con-

tracts that make it possible to carry out periodic machine check-ups to ensure the best possible operation of the line.

As it is stressed by Daniele Milesi, Operations & After-Sale Service Manager of BBM, "A well planned maintenance activity avoids more serious problems which may cause a sudden stoppage of the plant or a non-efficient production, wasting resources. Our technicians, in addition to the intervention report, are able to give our customers suggestions about the best ordinary maintenance practices to extend the life of the machine and reduce interventions."

For example, on a filling machine, one of the activities consists of the disassembling, cleaning and servicing of the components of the filling mechanism, something we suggest at least once per year, to be done in scheduled period to have a minimal effect on the production. 

www.bbmpackaging.com



BBM Packaging, ottimizzare la produzione attraverso la manutenzione preventiva

La manutenzione di un macchinario industriale è fondamentale per garantire la massima efficienza di una linea di produzione. Per questo BBM offre ai propri clienti servizi di manutenzione ordinaria e straordinaria. BBM è specializzata nella manutenzione di macchine imbottigliamento e confezionamento, con un team di oltre 50 tecnici altamente specializzati in grado di offrire manutenzione su soffiatrici, riempitrici, confezionatrici, nastri e non solo.

Caratteristica del servizio BBM è un'attività puntuale e precisa che ottimizza l'intervento e limita i tempi di fermo macchina al minimo indispensabile. I tecnici possono lavorare presso il cliente o smontare i pezzi e portarli nelle officine BBM a San Pellegrino e Lenna, a seconda delle esigenze. Nei due stabilimenti, BBM dispone di strumentazioni all'avanguardia e dei più evoluti sistemi pulizia, come macchine a ultrasuoni, che consentono di ottenere risultati d'eccellenza.

Il team assistenza di BBM interviene presso l'impianto di imbottigliamento del cliente sia per interventi in ur-

genza che per manutenzioni programmate. BBM offre infatti contratti di manutenzione che permettono di effettuare check-up periodici delle macchine per assicurare sempre il miglior funzionamento della linea. Come sottolinea Daniele Milesi, Direttore Operativo Assistenza Tecnica di BBM, "Un'attività di manutenzione programmata evita problematiche ben più gravi che possono causare un fermo dell'impianto improvviso oppure una produzione non ottimizzata, con uno spreco di risorse. I nostri tecnici oltre al report di intervento vero e proprio possono fornire delle piccole guide alla manutenzione ordinaria per allungare al massimo la vita della macchina."

Per esempio su una riempitrice una delle attività principali consiste nello smontaggio, revisione e pulizia di tutte le componenti dei rubinetti, un'operazione che consigliamo almeno una volta l'anno, che se effettuata in periodi programmati a un impatto minimo sulla produzione. 

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BOTTLING & PACKAGING SOLUTIONS

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www.bbmpackaging.com

ALTECH, advanced labelling technologies

ALTECH engineers, manufactures and distributes systems for labelling and material identification, by means of self-adhesive labels. Its range encompasses the following products: the self-adhesive ALstep (low-cost) and ALritma (hi-tech) labelling heads, the ALLine in-line labelling systems suitable for front/back and wrap-around labelling of jars, cans and bottles, the ALcode real time printing/application units for labelling boxes, pallets and bundles; besides the trading of SATO barcodes printers sold in Thermal label printers family with their software and ribbons. Latest development is the advanced range ALpharma for the labelling of pharmaceutical products. ALTECH machines are used in every industry field, from food to cosmetics, from pharmaceuticals to chemistry. Today, the company distributes its systems all over the Italian territory through a network of direct sales, while the commercial distribution for Europe and overseas takes place in more than 50 countries through a network of 80 qualified resellers and 3 subsidiary compa-

nies in the United Kingdom, the United States and South America.

Our strengths

- Expert personnel with a true passion for engineering.
- Machines and systems designed to be modular and expandable; all components are accessible and interchangeable.
- Use of high-strength alloys, high-reliability electronic and pneumatic components.
- Compliance with safety requirements and good manufacturing practices.

Consulting and services

Our expert knowledge of logistics, packaging and materials issues allows us to configure our labellers to solve any labelling problems and to create customized solutions for our customers. 

For further information:

www.altech.it – info@altech.it



ALTECH, etichettatrici ad avanzata tecnologia

ALTECH progetta, costruisce e distribuisce macchine etichettatrici industriali e sistemi di identificazione dei materiali mediante etichette autoadesive. La gamma di sua produzione comprende: applicatori di etichette autoadesive ALstep (low-cost), testate etichettatrici ALritma (hi-tech), sistemi di etichettatura lineari ALLine per l'etichettatura fronte/retro e avvolgente di flaconi, barattoli, bottiglie, sistemi di stampa & applicazione di etichette in tempo reale ALcode per l'etichettatura di scatole, fardelli e pallet; oltre alla commercializzazione di stampanti SATO per codici a barre, unitamente a relativo software e gamma di nastri di stampa. Negli ultimi anni ALTECH ha integrato tra i suoi prodotti i sistemi di etichettatura per prodotti farmaceutici ALpharma. Le etichettatrici ALTECH vengono utilizzate in tutti i settori industriali, per l'etichettatura dei prodotti alimentari, l'etichettatura di cosmetici ed etichettatura di prodotti chimici e farmaceutici. Oggi l'azienda distribuisce i suoi sistemi su tutto il territorio italiano attraverso una rete di vendita diretta, mentre la distribuzione commerciale per l'Europa e d'oltreoceano avviene in più di 50 paesi tramite una rete

di 80 distributori qualificati e 3 sussidiarie nel Regno Unito, USA e Sudamerica.

Punti di forza:

- Personale esperto con una grande passione per l'ingegneria.
- Macchine e sistemi concepiti in modo modulare ed espandibile, tutti gli elementi sono accessibili e intercambiabili.
- Utilizzo leghe ad alta resistenza, componenti elettronici e pneumatici di elevata affidabilità.
- Rispetto normative sulla sicurezza e la buona fabbricazione.

Consulenza e servizi:

L'approfondita conoscenza delle problematiche logistiche, di packaging e dei materiali ci consentono di configurare le macchine etichettatrici per qualsiasi problema di etichettatura e di definire soluzioni personalizzate per i nostri clienti. 

Per maggiori informazioni:

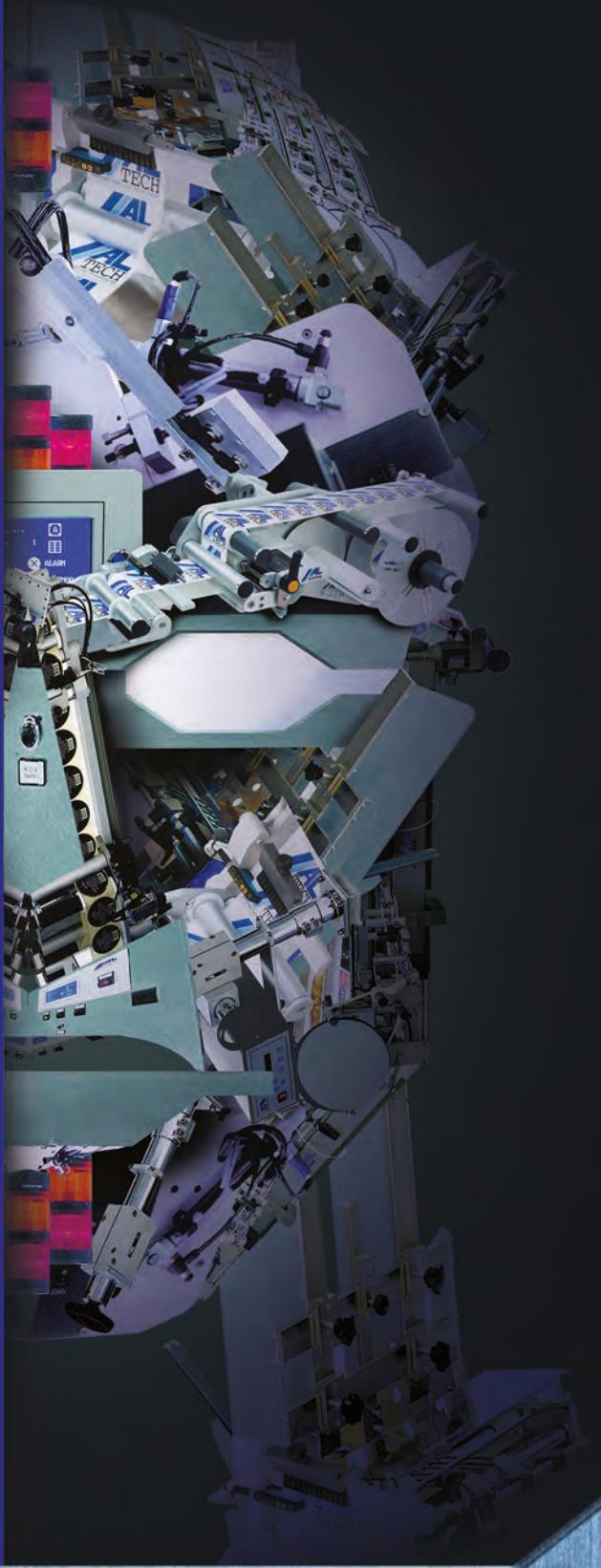
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INDUSTRIAL LABELLING MACHINERY MADE IN ITALY



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IFP PACKAGING, shrink packaging machines

IFP Packaging has been a solid reference point in the technology of packaging with heat-shrinkable film for over 28 years. In late 2011, it joined the group Tecno Pack S.p.A., thus beginning a new journey of even greater technological, commercial and industrial development. Electronic continuous packaging machines, built on fully cantilevered structures, high performance, top operational reliability, simplified sanitisation, versatility of use and project customisation are just some of the strong points of the IFP Packaging offer.

Automatic loading systems, bundling machines of all sizes and complete end-of-line machines are totally customised by our knowledgeable and flexible technical department. The primary goal of IFP Packaging is to conform the maximum state of the art according to the special requirements of customers. At the same time, the company offers the market strong and versatile mass-produced

packaging machines, with an extremely interesting price/quality ratio. With IFP Packaging, you will find the perfect tailor-made solution for any type of format: ranging from controlled atmosphere to high-speed, up to top automation levels, always ensuring the best achievable result. Packaging, storing and protecting all food products, wrapping technical items (even large items as mattresses or radiators), creating and containing units of bottles or jars, presenting boxes in a shiny and invisible film, guaranteeing the correct number, weight and quantity in each pack: IFP Packaging machines have no limits in their scope of application.

Currently industry leader, IFP offers a partnership that is useful and decisive for the success of each of its customers. 

www.ifppackaging.it



IFP PACKAGING, linee di confezionamento in film termoretraibile

Da oltre 28 anni IFP Packaging rappresenta un saldo punto di riferimento nella tecnologia di confezionamento in film termoretraibile. A fine del 2011 entra a far parte del gruppo Tecno Pack S.p.A. iniziando così un nuovo percorso di ancora maggiore sviluppo tecnologico, commerciale ed industriale. Macchine confezionate continue elettroniche realizzate su strutture integralmente a sbalzo, alte prestazioni, grande affidabilità operativa, sanificabilità, versatilità d'uso e personalizzazione di progetto sono solo alcuni dei punti forti della proposta IFP Packaging.

Sistemi di caricamento automatici, affadellatrici di ogni dimensione, fine linea completi, vengono completamente personalizzati dal nostro potente ed elastico ufficio tecnico.

Conformare il massimo stato dell'arte secondo le peculiari esigenze dell'utenza, è l'obiettivo primario di IFP Packaging. Nel contempo, l'azienda propone al mercato anche confezionate robuste e versatili, realizzate

in serie, con un rapporto qualità prezzo di assoluto interesse. Qualsiasi tipo di formato trova con IFP Packaging il giusto abito su misura: le molteplici soluzioni ci vedono spaziare dall'atmosfera controllata, all'alta velocità, fino all'automatismo più esasperato, garantendo sempre il massimo risultato ottenibile.

Confezionare, conservare e proteggere tutti i prodotti alimentari, avvolgere articoli tecnici (anche di grande formato come i materassi o i termosifoni) creare e contenere gruppi di bottiglie o vasetti, presentare scatole in una lucida ed invisibile pelle, garantire il giusto numero, peso, quantità all'interno di ogni confezione: non ci sono limiti all'applicazione delle macchine IFP Packaging.

Attualmente Leader di settore IFP propone una collaborazione utile e determinante al successo di ogni suo utente. 

www.ifppackaging.it

WE SERVE ALL!



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continuous servo side sealer
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TWIN ROBOT

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ifp
PACKAGING

KOREA PACK 2020 has been postponed.

This exhibition will be held from
July 27(Mon.) – 30(Thu.) 2020, KINTEX, Korea

The organizer of KOREA PACK decided to postpone KOREA PACK 2020, originally scheduled for April 14-17, 2020 at Kintex, Korea, due to outbreak of Covid-19.

This decision has been made after the consultation with the local government and with the support from the event venue, Kintex.

The organizer considers the health and safety of all exhibitors and visitors as top priority. Also, the organizer is closely monitoring the Covid-19 situation in line with local and national authorities, public health advices and WHO Guidelines.

Preparation for KOREA PACK is continuing as planned and all staffs are also working hard to come up with new elements and crowd pullers, to come back in full force.

KOREA PACK 2020 will be back in July 27 - 30, 2020 at Korea Int'l Exhibition & Convention Center (KINTEX). With a scale of scheduled 1,500 companies from 25 countries and 4,300 booths, KOREA PACK 2020 will cover such main product groups as packaging machinery, packaging materials & containers, package printing machines, packaging inspection equipment, packaging processing machinery & equipment, package design, services, food processing machinery and logistics system & equipment. KOREA PACK is distinguished by its unique breadth of products and services and the unparalleled inter-



KOREA PACK 2020
Int'l Process & Packaging Exhibition

nationality of its exhibitors and visitors alike. The Ministry of Trade, Industry and Energy selected KOREA PACK as one of the "Global

Top Exhibition" as it has the possibility of becoming one of the globally renowned exhibitors with competitiveness.

In addition, KOREA PACK 2020 features leading industry seminar and conference such as Korea Star Awards, PAC 2020 (Packaging Association Conference), food · pharmaceutical · cosmetic director Discussion Meeting to present and discuss latest industry developments, trends and techniques for the packaging industry.

Thousands of key actors in related industry gather for these seminars & conferences

KOREA PACK provides all of the package machinery. It gives visitors insights into the technologies used to produce the exhibited packages and provides opportunities for direct and creative exchanges with participating companies.

At the KOREA PACK, exhibitors can showcase their machinery, products and technology to potential international markets.

To save time from on-site registration and to enter the venue for free, visitors are encouraged to pre-register on the official website.

For more information, please visit
www.koreapack.org

2020 KOREA PACK

Korea Int'l Process & Packaging Exhibition

Organized by |  Korea Packaging Machinery Association

 KYUNGYON EXHIBITION CORP.

 KIP The Monthly Packaging

EXHIBITS PROFILE

- Packaging Machinery
- Packaging Automation Machinery
- Converting Machinery
- Packaging Materials & Containers
- Package Printing Machines
- Packaging Inspection Equipment
- Packaging Processing & Machinery & Equipment
- Package Design, Services
- Food Processing Machinery
- Logistics System & Equipment

27 TO 30 JULY 2020
KINTEX, KOREA



PNEUMAX: actuators, valves, manipulation, air units, fittings, vacuum technology

Founded in 1976, Pneumax is one of the leading players in the industrial automation sector, providing high-quality solutions ranging from pneumatic technology (actuators, valves, manipulation, air units, fittings, vacuum technology) to electric drive actuators and fluid control components. True to its international vocation, Pneumax leads a group made of 23 companies, located in the main national and international markets, with over 660 employees worldwide and branches in Europe, USA, Brazil, India, China and Singapore, supported by a large network of distributors in more than 50 countries. The company's headquarters and production centre are located in Lurano, in the province of Bergamo, on an area of 110,000 square metres, where seven operating units manufacture the entire range of Pneumax products. Flexible and efficient production is ensured thanks to the company's CNC machinery and assembly departments that work together in a logic of "Total Quality Management". Pneumax has always been committed to creating

high-quality products for its customers as a true partner. It has been developing components and solutions for specific applications in the industrial automation sector, including Packaging, Food & Beverage, Wood, Automotive and Oil & Gas. Experience, expertise and cutting-edge technologies enable Pneumax to design and manufacture customised products and systems with the utmost efficiency, integrating mechanics and electronics, and using different materials such as stainless steel, aluminium, brass and technopolymers, in compliance with international standards. Constant investments in R&D allow Pneumax to keep expanding its product range with new models whose development is driven by concepts including integrated electronics, energy saving, optimization, size reduction, innovative materials and 'Safety Automation' that guarantees both maximum operator safety and plant security. 

pneumaxspa.com



PNEUMAX: attuatori, valvole, manipolazione, FRL, raccordi, vuoto

Nata nel 1976, Pneumax è uno dei maggiori player internazionali nel campo dell'automazione industriale, in grado di fornire soluzioni ad alto valore aggiunto spaziando dalla tecnologia pneumatica (attuatori, valvole, manipolazione, FRL, raccordi, vuoto) all'attuazione elettrica, sino a componenti e sistemi per il controllo dei fluidi. Pneumax, fedele alla sua vocazione internazionale, è capofila del gruppo omonimo, che si articola in 23 società commerciali e produttive dislocate nei principali mercati nazionali e internazionali, con oltre 660 collaboratori nel mondo e filiali in Europa, USA, Basile, India, Cina e Singapore, affiancate da una vasta rete di distributori che garantiscono la presenza in più di 50 Paesi. L'headquarter e cuore produttivo dell'azienda si trova a Lurano, in provincia di Bergamo, su una superficie di oltre 110.000 m², dove sette unità operative realizzano tutti i prodotti della gamma Pneumax grazie ad un parco macchine CNC e reparti di assemblaggio gestiti secondo le logiche del 'Total Quality Management', che assicurano una produzione flessibile ed efficiente. La volontà di contribuire alla creazione di valore aggiunto per i propri clienti come un vero e proprio partner ha porta-

to l'azienda a sviluppare componenti e soluzioni dedicate a specifiche applicazioni nel settore dell'automazione industriale, dal Packaging al Food & Beverage, dal Legno sino a settori come l'Automotive e l'Oil & Gas. La combinazione di esperienza, competenza e tecnologie all'avanguardia permette di progettare e realizzare con la massima efficienza prodotti e sistemi customizzati che integrano meccanica ed elettronica, utilizzando materiali differenti, dall'acciaio Inox all'alluminio, dall'ottone sino ai tecnopoliimeri, con una particolare attenzione al rispetto delle normative internazionali. Continui investimenti in R&D consentono a Pneumax di arricchire costantemente la gamma proposta con nuovi prodotti il cui sviluppo è guidato da drivers come l'integrazione di tecnologie digitali per la trasmissione dei dati, la riduzione dei consumi, l'ottimizzazione di ingombri e pesi utilizzando anche nuovi materiali e la sicurezza, nell'accezione di una 'Safety Automation' che stabilisca la massima sicurezza dell'operatore e la salvaguardia degli impianti dove egli opera. 

pneumaxspa.com



PNEUMAX



SOLUZIONI PER L'AUTOMAZIONE NEL PACKAGING ALIMENTARE



SMART TECHNOLOGIES
& HUMAN COMPETENCE

In **Pneumax** progettiamo e realizziamo **componenti e sistemi per l'automazione** nel settore dell'**Alimentare** e del **Packaging** combinando le tecnologie per l'**attuazione pneumatica, elettrica e per il controllo dei fluidi**. Una gamma completa di componenti in **acciaio inox, alluminio e tecnopoliomeri** ci consente di proporre la migliore **soluzione** per ogni applicazione, unica e **speciale** come i nostri **clienti**.



Italian Excellence

www.pneumaxspa.com

TELOS - engineering for packaging

Telos - Engineering for Packaging is a box factory based in the province of Verona which collects 30 years of experience gained in the packaging sector. Telos deals with industrial packaging, transforms and manufactures corrugated cardboard boxes to meet the most modern packaging needs in the most varied commodity sectors.

Telos designs and manufactures special packaging for the transport of fragile objects and materials; in fact, the company has specialized in the design of new solutions that solve specific customer problems: packaging that requires a customized study to meet particular needs such as better packaging efficiency, greater robustness, ecological requirements for shipments abroad. Innovative solutions designed starting from the principles of performance effectiveness and eco-sustainability of the packaging. This is possible thanks to the proprietary and exclusive Ecolinear cardboard protection system, which has extraordinary cushioning and product preservation features. Going beyond the recyclable concept, with our Ecopalbox pallet and SpazioZero folding palbox, we have

moved in the direction of the reusability of corrugated cardboard packaging.

Ecopalbox is the 100% corrugated cardboard pallet with unique design and performance characteristics on the market. Thanks to a structure of cardboard sleepers folded on themselves, which we are the only company to produce on national soil, the pallet can carry abundant loads even with undistributed weight.

SpazioZero is a 100% corrugated cardboard palbox, composed of the Ecopalbox pallet, bottom and lid, folding box and partition.

Its strengths are: quick and precise assembly; the minimum returning encumbrance; multiple reuse of packaging; full eco-sustainability and recyclability thanks to the disposal entirely in paper.

Starting from these products, we also offer variants such as Ecobox, a cheapest cardboard pallet or SpazioZero Cardboard&Wood, which offers greater resistance thanks to the use of the wooden pallet. 

www.telosimballaggi.it



TELOS - engineering for packaging

Telos si occupa di imballaggi industriali, trasforma e realizza scatole in cartone ondulato per soddisfare le più moderne esigenze di packaging nei più svariati settori merceologici.

Telos idea e produce imballi speciali per il trasporto di oggetti e materiali fragili; l'azienda, infatti, si è specializzata nella progettazione di soluzioni ex novo che vadano a risolvere problematiche specifiche del cliente: imballi che necessitano di uno studio ad hoc per soddisfare particolari esigenze quali una migliore efficienza dell'imballo, maggiore robustezza, richieste ecologiche per spedizioni all'estero. Soluzioni innovative ideate a partire dai principi di efficacia delle prestazioni e ecosostenibilità dell'imballo. Questo è possibile anche grazie al sistema di protezioni in cartone proprietario ed esclusivo Ecolinear, che ha straordinarie caratteristiche di ammortizzazione e salvaguardia del prodotto.

Andando oltre il concetto riciclabilità, con i nostri pallet Ecopalbox e le casse pallet abbattibili SpazioZero, ci siamo orientati nella direzione della riutilizzabilità dell'imballo in cartone ondulato.

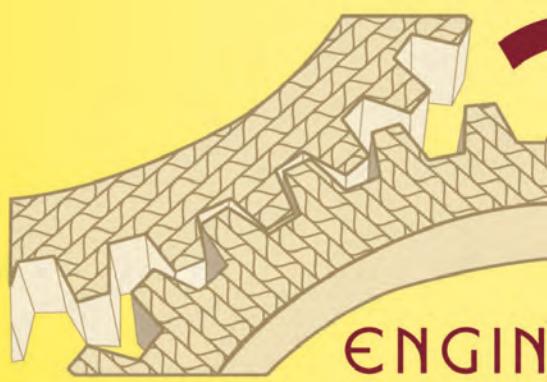
Ecopalbox è il pallet composto al 100% in cartone ondulato con design e caratteristiche prestazionali unici sul mercato. Grazie ad una struttura in traversi in cartone ripiegato su se stesso, che noi soli produciamo sul suolo nazionale, il pallet può portare abbondanti carichi anche a peso non distribuito.

SpazioZero è un palbox al 100% in cartone ondulato, composto dal pallet Ecopalbox, fondo e coperchio, scatola ripiegabile e tramezza.

I suoi punti di forza sono: il montaggio rapido e preciso; il minimo ingombro a rendere; il riutilizzo multiplo del packaging; la piena ecosostenibilità e riciclabilità grazie allo smaltimento interamente nella carta.

A partire da questi prodotti proponiamo anche varianti come Ecobox, il pallet in cartone più economico o SpazioZero Cardboard&Wood, che offre una maggior resistenza grazie all'impiego del pallet in legno. 

www.telosimballaggi.it



TELOS

ENGINEERING FOR PACKAGING



www.telosimballaggi.it

MACA is greensleeves!

Dress your labels in green: Maca provides the ideal solution to be "green" even with sleeves.

Let's talk about stretch sleeves:

Made of polyethylene, a fully recyclable material • Cost savings of up to 50% compared to shrink systems and ROSO systems • Up to 30% less in use of materials compared to the shrink materials (smaller layout, lower environmental impact in terms of carbon footprint), therefore a substantial reduction in the weight of the packaging • 360 ° visibility • Bright graphics and intense colours • Perfect fitting to the shape of the container even with shaped profiles • Possibility to apply stretch labels also on containers with a petaloid bottom • There is no need for glue or the use of heat, with a drastic reduction in the use of energy • Full compatibility in terms of recycling, easy separation of the label from the container • Excellent resistance to chemical agents • Resistance to UV exposures • Formats from 0.20 lt bottles to drums, crates and large kegs

There is a solution and Maca is ready to offer their skills to provide solutions that protect public health and the environment. How often have we heard the words "environmental friendly"? How many times does the customer make requests for spe-

cial materials, for applications that facilitate the removal of the sleeve from the container and recycling according to the regulations in force? It is a constant request, especially in all those parts of the globe that have been taking action for at least a decade to raise awareness among producers and consumers for conscious use and disposal of packaging.

Maca - consisting of two divisions: labels (shrink sleeves, stretch sleeves and roll-fed) and flexible packaging - and the subsidiary Comag - specialized in the engineering and production of sleeving machines and packaging lines - availing of qualified personnel and innovative technologies, pay the utmost attention to eco-sustainability, offering themselves to customers as ideal partners for solutions that improve hygiene, performance and product safety, with a continuous search for solutions with a low environmental impact. For this reason, they continue to invest in R&D for environmental preservation and process improvement: training, solvent free production, self-sufficient clean and renewable energy, compostable or fully recyclable products, reduction of waste, and minimum impact on the environment through a circular responsible organization. 

www.macasrl.it



...discover us
at www.macasrl.it

MACA è greensleeves!

Vesti di verde le tue etichette: Maca ti dà la soluzione ideale per essere green anche nelle sleeves.

Parliamo di stretch sleeve:

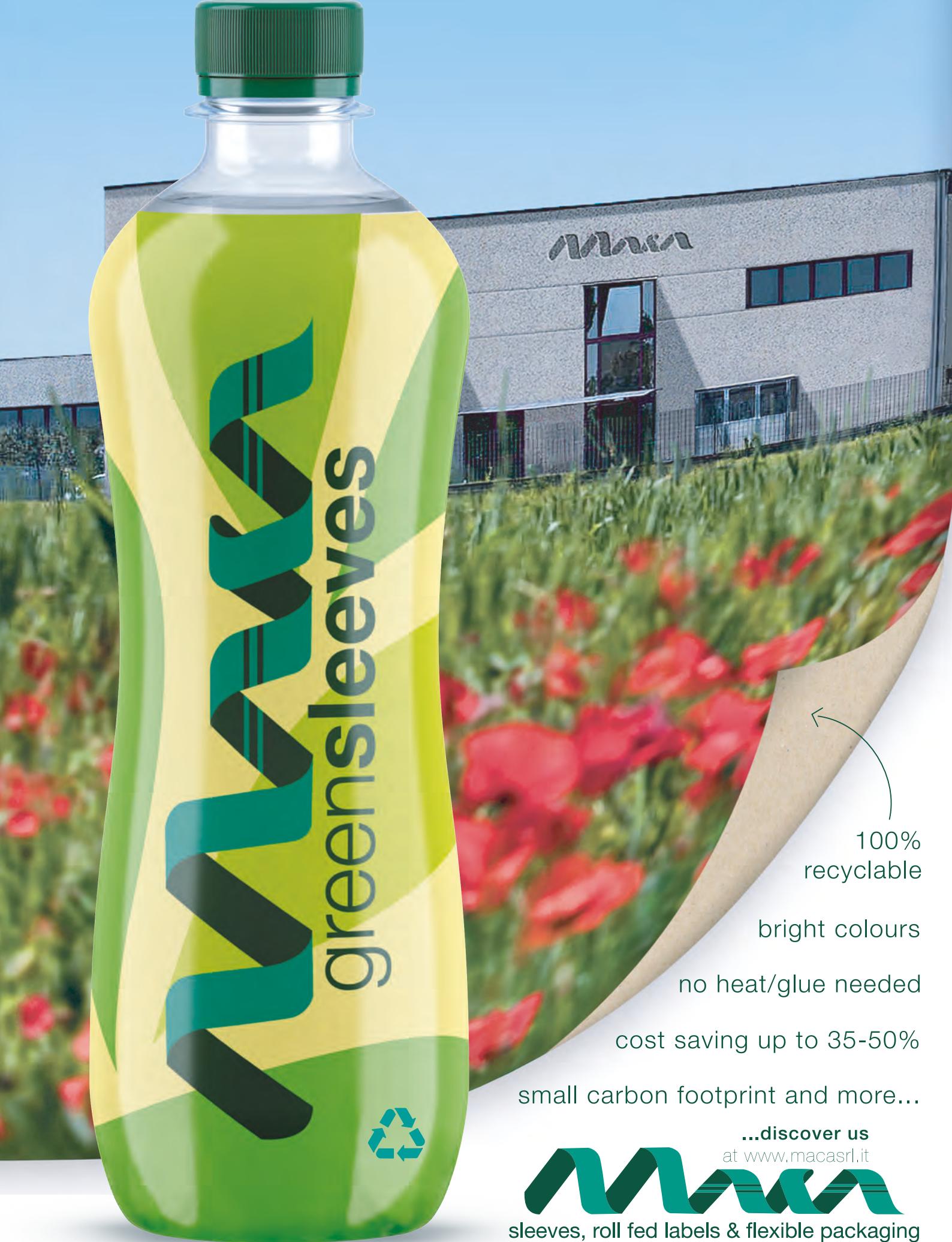
Realizzate in polietilene, materiale completamente riciclabile • Risparmio dei costi fino al 50% rispetto ai sistemi shrink e sistemi ROSO • Minor impiego di materiali fino al 30% rispetto all'utilizzo di materiali shrink (layout più piccolo, minor impatto ambientale in termini di carbon footprint), quindi una sostanziale riduzione del peso dell'imballaggio • Visibilità a 360° • Grafica brillante e colori intensi • Adattamento perfetto alla forma del contenitore anche con profili sagomati • Possibilità di applicare etichette stretch anche su contenitori con fondo petaloide • Non c'è necessità di colla o impiego di calore, con drastica riduzione di impiego di energia • Piena compatibilità in termini di riciclaggio, facile separazione dell'etichetta dal contenitore • Ottima resistenza agli agenti chimici • Resistenza alle esposizioni UV • Formati di bottiglie da 0.20 lt a bidoni, casse e keg di grandi dimensioni.

La soluzione c'è e Maca è pronta a mettere a disposizione le proprie competenze per soluzioni che tutelino la salute pubblica e l'ambiente. Quante volte abbiamo sentito le parole "environmental friendly"? Quante volte il cliente avanza

richieste di materiali speciali, di applicazioni che facilitino la rimozione della sleeve dal contenitore ed il riciclo secondo le disposizioni vigenti? E' una costante specialmente in tutte quelle parti del globo che si sono attivate da almeno un decennio a sensibilizzare i produttori e consumatori ad un uso e smaltimento consapevoli del packaging.

Maca-costituita da due divisioni: etichette (shrink sleeve, stretch sleeve e roll-fed),packaging flessibile- e la controllata Comag-specializzata nell'ingegnerizzazione e produzione di macchine sleeveveratrici e linee per packaging-, awaldendosi di personale qualificato e di tecnologie innovative, prestano la massima attenzione all'ecosostenibilità, ponendosi ai Clienti come partner ideali per soluzioni che migliorino la igiene, performance e sicurezza dei prodotti, con una continua ricerca di soluzioni a basso impatto ambientale. Per tale ragione continuano ad investire in R&D per la preservazione ambientale e il miglioramento dei processi: formazione, produzione solvent free, autosufficienza energetica pulita e rinnovabile, prodotti compostabili o completamente riciclabili, riduzione degli sprechi, minimo impatto sull'ambiente attraverso un'organizzazione circolare responsabile. 

www.macasrl.it



100%
recyclable

bright colours

no heat/glue needed

cost saving up to 35-50%

small carbon footprint and more...

...discover us
at www.macasrl.it


sleeves, roll fed labels & flexible packaging

LATINPACKCHILE

unique space for packaging industry

X XV Annual Assembly of Members of the Center of Containers and Packaging of Chile

On Tuesday, April 23, at the Casa Piedra Convention Center, representatives of CENEM member companies gathered to hold the 2019 Members' Assembly of the corporation.

During the course of the conference, the board was rendered accountable, the financial statements were reviewed and the 2018 balance was approved, in addition to the delivery of the 2018 Annual Report .

It was a very special day, since it was 25 years since the Annual Meeting of Members was held for the first time, which at that time was chaired by Don Antonio Rebolledo, the same year that the corporation's legal personality was obtained, despite the fact that since 1991 it was already in operation.

Don Antonio Rebolledo, Past President of CENEM and Honorary Director, received an emotional recognition given by Mariana Soto, General Manager of the corporation , for his outstanding contribution and



permanent support to CENEM, also contributing to the development of the packaging and packaging industry and its value chain.

During the Assembly the voluntary election of the new Accounts Review Commission was held , which this time was made up of: Francisco González, General Manager of Empack; Erika León, Commercial Manager of SOREPA; Rodrigo Arismendi; General Manager of RTS Packaging and Luiz Botan, Regional Commercial Manager of Ball Corporation .

In 2018 CENEM managed to carry out different projects of great importance and activities that reinforce its commitment to spread knowledge to the packaging industry.

Through a short message that was included in the video presented with the summary of what this year was for the corporation. Marcelo Meneghelli , president of CENEM , invited the partners of the corporation to continue contributing from different areas to the sustainable development of the packaging sector. 

www.latinpack.cl

NUEVA FECHA por ti, por mi, por ellos y por todos.

New date for you, for me, for them and for everyone.



CHILE 2021 CREATING A SUSTAINABLE WORLD
ESPACIO RIESCO, APRIL 14, 15 & 16, SANTIAGO

LA CITA DE NEGOCIOS DE LA INDUSTRIA DEL PACKAGING

The business appointment of the packaging industry

**AQUÍ SU EMPRESA
DEBE ESTAR PRESENTE!!**
Here your company must be present

LA INDUSTRIA DE PACKAGING Y SU CADENA DE VALOR

The packaging industry, and its value chain.

- Materias Primas
- Insumos
- Fabricantes de Envases y Embalajes
- Industria de Reciclaje
- Logística y Transporte
- Maquinaria
- Equipamiento
- Tecnología y Robótica
- Impresión Digital
- Troquel y Tecnología Láser
- Pre Prensa



Organiza



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www.latinpack.cl

OROGRAF: personalized sleeves and self-adhesive labels

After over thirty years of constant endeavour, which have allowed the company to introduce new production, operational, management and organisational processes for its quality system. Orograf is a well-known name in the sticky label sector.

It has received ISO 9002 certification, maintaining the utmost versatility throughout all the processing stages, from label graphics to in-house system production, a competitive advantage for its customers, who see complete process management, from the design stage to production, as the best guarantee of the maximum quality.

Orograf is on an all-round partner, with the expertise to meet your every requirement. Innovation and research have always been our priorities, allowing us to create products that offer more than traditional sticky label solutions.

FORGERY-PROOF AND SECURITY LABELS:

- Labels in ultra-destructible materials.
- Labels on holographic film printed in various colours and with ink in relief.
- VOID labels: if removed these labels leave part of their colour on the product.
- Two- and three-dimensional security holograms.

TWIN:

- This is a label, which opens out, made up of two labels one superimposed on the other and in which there is the possibility of printing 4/5 colours per page.

PROMOTIONAL LABELS:

- Fabric labels.
- Sticky labels containing perfumed microcapsules, activated by rubbing.
- Rubberised sticky labels in foam of up to 2 mm thickness.



SKI 100% PLASTIC:

Definitive decorations for your articles in PVC, high-resolution writing and designs, and no-limits graphics

The typographical, silk-screen, offset and hot printing systems used by Orograf allow it to print on any type of adhesive material such as striped, embossed, metallic and synthetic film.

The particular strength of the company is the capacity to combine different printing systems on a single production line (high-resolution typographical printing, offset, high definition flexo printing, silk-screen printing and hot printing with embossing) and this means that there be no limits to customers' creativity.

A quality, label not only speaks volumes about the product but also contributes to improving the corporate image.

Orograf has rotary machines print up to six colours contemporaneously, UV varnish any type of paper or synthetic film, and have extremely high output rates. This allows to offer an excellent price-quality ratio.

Shrink Sleeves

After an extended period of preparation, the recent addition of a new printing machine has allowed the company to start production of shrink sleeves.

The sleeves (produced in PET, PVC or PLA) can be printed in more and even metallised colours, in order to effectively provide new look and design to all customers' products.

An important characteristic is an option of providing every sleeve with a "tear-off" system, essential or easy opening after purchase.

www.orograf.it

Viale Industria, 78 - 27025 Gambolò PV - Italy
0381 939939 | info@orograf.it | www.orograf.it



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Orograf srl



OROGRAF
s.r.l.
ETICHETTE AUTOADESIVE

Self-adhesive labels and Sleeves

made with **TYPOGRAPHIC, SERIGRAPHIC, FLEXO, OFFSET**
and **HOT** printing technology.

On any type of adhesive paper and synthetic film,
for any customization need.



GENERAL SYSTEM PACK,

automatic packaging lines

General System Pack is a consolidated and internationally renowned company which produces different types of packaging machines. Technology is unquestionably its strength, together with the high quality standard of its machines.

General System Pack packaging lines are all electronically managed, extremely solid, enduring and easy to manage. They adopt solutions that comply with the most demanding ergonomic shapes and sanitization.

General System Pack offers a vast selection of models which guarantee excellent solutions for every stage of the flow pack packaging, including automated feeding and line ending.

General System Pack gives every product its tailored suite: the company provides a vast range of solutions including

controlled atmosphere, high speed and highly automated lines, always guaranteeing the best possible outcome. General System Pack is unmatched.

General System Pack packaging machines treat the product with the same care that the customer uses during the production phase. The packaging lines that General System Pack proposes are best suited for middle and small companies that want to give an industrial slant to their products.

General System Pack is a versatile and solid partner, which contributes significantly to the success of their clients. 

www.gsp.it



GENERAL SYSTEM PACK,

linee di confezionamento

General System Pack è un'azienda di consolidata fama internazionale e produce differenti tipologie di macchine confezionatrici.

La tecnologia è indiscutibilmente il suo maggior punto di forza, oltre all'elevatissimo standard qualitativo delle proprie macchine.

Le linee di confezionamento prodotte da General System Pack sono tutte a gestione elettronica, estremamente robuste, longeve e semplici da gestire, realizzate adottando soluzioni mirate a risolvere le più severe richieste di ergonomicità e sanitizzazione.

La vasta gamma dei modelli che General System Pack propone, offre risposte sempre eccellenti per tutti i settori del packaging in flow pack, comprese le alimentazioni automatiche ed il fine linea.

Qualsiasi tipo di prodotto con General System Pack trova il giusto "vestito su misura": le molteplici soluzioni

proposte dall'azienda, spaziano dall'atmosfera controllata all'alta velocità, fino all'automatismo più esasperato, garantendo sempre il massimo ottenibile.

General System Pack non teme confronti.

Le confezionatrici e gli impianti General System Pack trattano sempre il prodotto del cliente con la stessa cura ed attenzione impiegate dal cliente stesso nel proprio processo produttivo. Le linee di confezionamento proposte sono la migliore soluzione per le aziende medie e piccole che si apprestano a fornire un packaging di taglio industriale al proprio prodotto.

General System Pack si candida ad essere un partner autenticamente solido e versatile, in grado di contribuire in modo sostanziale al successo della propria utenza. 

www.gsp.it



THE EVOLUTION NEVER STOPS



GSP 50 S - NEW
electronic horizontal
pillow pack
wrapping machine



HIGH-SPEED
PACKAGING LINE



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general system pack

BONDANI, machines for food industry

Bondani srl - Packing Systems, was founded in 1994 by its sole director, Bruno Bondani. His experience and technical expertise, acquired in decades of manufacturing of machines for the agro-food sector, combining with his son Alessio, general manager of the Company, have enabled to hit remarkable targets in terms of food handling and and-of-line process.

High quality combining with absolute project customization and competitive prices, have made Bondani s.r.l. a sound partner for producers of the food industries.

Its presence in domestic marketplace evidences how a small sized family-run company, can outstandingly compete with bigger realities without ever compromise after-sales-service and the quality of products.

Reliability of the projects, realization of new solutions in order to optimize efficiency and cheapness according to quality standard, are the principles who support new ideas or customer enquiries. 

www.bondani.it



BONDANI, macchine per l'industria alimentare

Bondani srl-Packing Systems, è stata fondata nel 1994 dall'attuale amministratore unico, Bruno Bondani. La sua esperienza e competenza tecnica, acquisita in decenni di attività nel comparto della costruzione di macchine per l'industria agroalimentare, unita a quella del figlio, Alessio, direttore generale dell'azienda, hanno permesso di raggiungere nuovi traguardi nel settore della movimentazione e del fine linea degli alimenti.

L'elevata qualità, legata alla massima personalizzazione dei progetti il tutto unito a prezzi competitivi, fanno di Bondani un valido partner per

le industrie produttive nell'industria alimentare. La presenza sul mercato nazionale, testimonia come un'azienda familiare, di piccole dimensioni, può egregiamente competere con realtà più strutturate, senza mai mettere in secondo piano l'assistenza post-vendita e la qualità dei prodotti.

Flessibilità nella progettazione, elaborazione di nuove soluzioni tese ad ottimizzare il rapporto efficienza ed economicità, all'interno di rigidi standard qualitativi, sono i criteri che sostengono ogni nuova idea o richiesta del cliente. 

www.bondani.it

**Non stupitevi se da 25 anni siamo
gli specialisti del packing!**

asterisko.org

*Do not be surprised, if we have been
your packing specialists for 25 years!*



Sistemi su misura
per packing,
movimentazione e
palettizzazione

*Tailor-made systems
for packing,
handling and
palletizing*

BONDANI
PACKING SYSTEMS

BONDANI S.r.l.

Via Romanina, 3
43015 Noceto (PR) - Italy
Tel. +39.0521.621100 - Fax
+39.0521.621101

info@bondani.it - bondani.it

SEALED AIR: protezione e sostenibilità

Sealed Air opera nel mercato per offrire protezione, risolvere sfide cruciali nell'ambito del packaging e lasciare il mondo migliore di come è oggi.

L'ampia gamma di prodotti include i migliori materiali di imballaggio del settore, sistemi di packaging automatizzati e servizi personalizzati per creare una supply chain globale più veloce, più sicura e più smart, non solo per proteggere i prodotti dai danni o gli alimenti dal deterioramento, ma anche per preservarli da agenti patogeni e da malattie di origine alimentare.

Sealed Air tutela i marchi dal rischio reputazionale, le attività dei suoi clienti da spreco e da costi inutili, inoltre crea prodotti, processi e partnership che aiutano a proteggere il pianeta.

Sealed Air lavora fianco a fianco con i propri partner e clienti per risolvere complesse sfide di confezionamento fornendo il prodotto migliore, al prezzo giusto e rendendolo sostenibile.

Le soluzioni proposte offrono un valore tangibile nelle aree che sono più importanti per i clienti:

- Integrità dei prodotti
- Efficienza operativa

- Ottimizzazione del packaging
- Esperienza del brand
- Garanzia di sicurezza, autenticità e qualità dei prodotti in tutta la supply chain e l'esperienza dei consumatori.
- Possibilità di miglioramenti della produttività e alleviamento dagli oneri causati dall'aumento dei costi e dalla carenza di manodopera.
- Ottimizzazione delle dimensioni e delle prestazioni di ogni confezione per la massima sostenibilità, redditività e resa, con il minimo spreco.
- Miglioramento dell'esperienza del marchio e garanzia della fedeltà dei consumatori presso il retail e durante l'esperienza di unboxing a casa.

Inarrestabile innovazione

Sulla base di una solida tradizione di innovazione dei materiali, Sealed Air continua a investire con ambizione in nuove tecnologie e modelli innovativi che rendono le operazioni di imballaggio più semplici, efficienti e sostenibili dal punto di vista ambientale. 

sealedair.com



SEALED AIR: protection and sustainability

Sealed Air is in business to protect, to solve critical packaging challenges, and to leave the world better than it is today.

Sealed Air brings together best-in-class packaging materials, automated packaging equipment, and customized services to create a better, faster, safer, and smarter global supply chain. It doesn't just protect products from damage or food from spoilage, it protects against pathogens and foodborne illness and brands from reputational risk.

Sealed Air protect customers' operations from waste and unnecessary cost and creates products, processes and partnerships that help protect the planet. Sealed

Air works side-by-side with its partners and customers to solve complex packaging challenges by providing the best product, at the right price, and making it sustainable. The offered solutions deliver tangible value in the areas that matter most to customers:

- Product Integrity
- Operational Efficiency

- Package Optimization
- Brand Experience
- Ensuring product safety, authenticity, and quality throughout the supply chain and consumer experience.
- Unlocking sustained productivity improvements and providing relief from the burdens of rising costs and labor shortages.
- Optimizing the size and performance of every package for maximum sustainability, profitability, and yield - with minimal waste.

Relentless Innovation

Building on its strong legacy of materials innovation, Sealed Air is a company that stays curious, ambitiously investing in new technology and breakthrough models that make packaging operations easier, more efficient, and more environmentally sustainable. 

sealedair.com

CRYOVAC® BDF®

film termoretraibile ultra sottile

Un packaging responsabile

60%

di plastica
in meno

verso i laminati
standard*



Visitate **sealedair.com/bdf** per vedere come il film CRYOVAC® BDF® può aiutare a ridurre la plastica e lo spreco alimentare.

*Basato sui risultati raggiunti da Sealed Air.

Le strutture ed i sistemi sono diversi tra loro, di conseguenza i risultati possono variare.



CRYOVAC®
BRAND FOOD PACKAGING

PROPAK ASIA: innovation and technology are key to the future of packaging

Changes in consumer behaviors present big challenges for the packaging industry as it tries to respond and provide brand owners with optimal solutions. Two major trends currently driving industry growth are the booming ecommerce trade and increased customer demands for convenience. The global packaging market value was USD 906.59 billion in 2018 and is projected to have 6% growth annually from 2019-2023. In 2018, 42.5% of the global sales value was dominated by Asia where the demand for packaged goods, along with the rapid expansion of urban populations, is on the rise.

Last year, L.E.K. Consulting conducted a survey of 250 brand owners across the packaged goods industry and found that 75% expect to increase their packaging budgets in the future. While 55% said that they have entered the digital sales channel and need packaging with the ability to protect and maintain the quality of their products during delivery.

Rigid packaging, including corrugated packaging, will increase in demand due to its stable structure and lower environmental impact. There will also be a greater demand for sustainable packaging this year. According to the same survey, 85% of brand owners made an effort to change their packaging substrate material to increase the ease of recycling. Natural materials may also replace common plastics and enhance a brand's image in environmental friendliness.

Brand owners are now looking for innovation and value creation in their packaging. Smart packaging is one of such trend in which augmented reality (AR), cloud labelling, and track-and-trace tech are set to grow. This connected packaging can commu-



nicate with consumers in innovative ways and change how they interact with products and their packaging. There is also a rise in demand for personalized packag-

ing in order to increase consumer engagement. This will likely lead to digital printing as a key solution as it offers unlimited design possibilities and can make packaging stand out on the shelf.

To overcome disruptive changes, digitalization is being adopted in the packaging industry to drive down costs and gain a competitive edge by integrating technology into packaging to add greater customer value. Digital technology will play a role in boosting cost-efficiency via automation and interactive tools to convey information and emotion to customers. The packaging industry is also implementing more and more robotics in manufacturing lines because it can provide a higher, faster and more accurate output.

As technological innovations continue to evolve, packaging will go far beyond just containers. With the adoption of automation and advanced technology, the packaging industry will be able to offer innovative solutions to brand owners to increase customer satisfaction and enhance their brand image, while simultaneously increasing their efficiency and productivity. ProPak Asia, held from 17-

20 June at BITEC, Bangkok, will gather packaging machinery and technology from around the world for packaging industries who are looking to increase profits and respond to customer demands. Do not miss out on this opportunity of digitization. For more information about the ProPak Asia 2020 Exhibition, please visit www.propakasia.com

The 28th International Processing and Packaging Exhibition for Asia

PROPAK ASIA

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Pre-registration at www.propakasia.com



 informa markets

TECNO PACK: innovation and technology

High technology, expertise and a wide array of services in the flow pack packaging and pillow pack packaging as well as in the primary and secondary packaging.

Market leader with specific solutions, suitable for any application sector, with a particular focus on the food industry. Here you can find all the packaging technology that your company needs, from the small electronic flow pack packaging machine with manual loading, to the full system that picks up the product from the production line and preserves it in single or multiple packages, which will be then moved to the palletizer. Our commercial team is made of technical experts and our technical office is efficient and flexible. All mechanical components are produced in-house and the material selection process is extremely strict. Our skilful production team and our prompt after-sales service, available worldwide, allow us to offer our customers the best machines and systems, designed as "tailor-made clothes" and recognized as the highest

expression of the current state of the art by companies such as Barilla, Nestlé, Pavesi, Kraft, Baxter, Chipita, Pepsico and many others.

High speed, flexibility, modified atmosphere, product shelf life, global integration of the packaging line into the company system are just some of the topics that we discuss every day with enthusiasm and determination and that, together with our customers, provide us with new evolutionary impetus.

We are absolutely sure that we can design a "tailor-made suit" for your product too, and we are committed to producing it with great care. Our goal is to achieve excellent technical standards in accordance with the needs of your company and to get your full support over the years.

Our mission is to work with you for the success of your company.

Who are we? We are Tecno Pack S.p.A. 

www.tecnopackspa.it



TECNO PACK: tecnologia e innovazione

Tecnologia, esperienza e servizio di riferimento nel settore del confezionamento flow pack, pillow pack, primario e secondario.

Leader di mercato con soluzioni sempre specifiche e dedicate ad ogni settore applicativo, sempre con una particolare dedizione verso il food.

Tutta la tecnologia di confezionamento che serve alla tua Azienda, dalla piccola macchina confezionatrice flow pack elettronica elettronica a caricamento manuale, fino all'impianto completo che preleva dalla produzione il prodotto e lo preserva in confezioni singole o multiple che vengono poi portate fino alla palettizzazione attraverso le altre fasi.

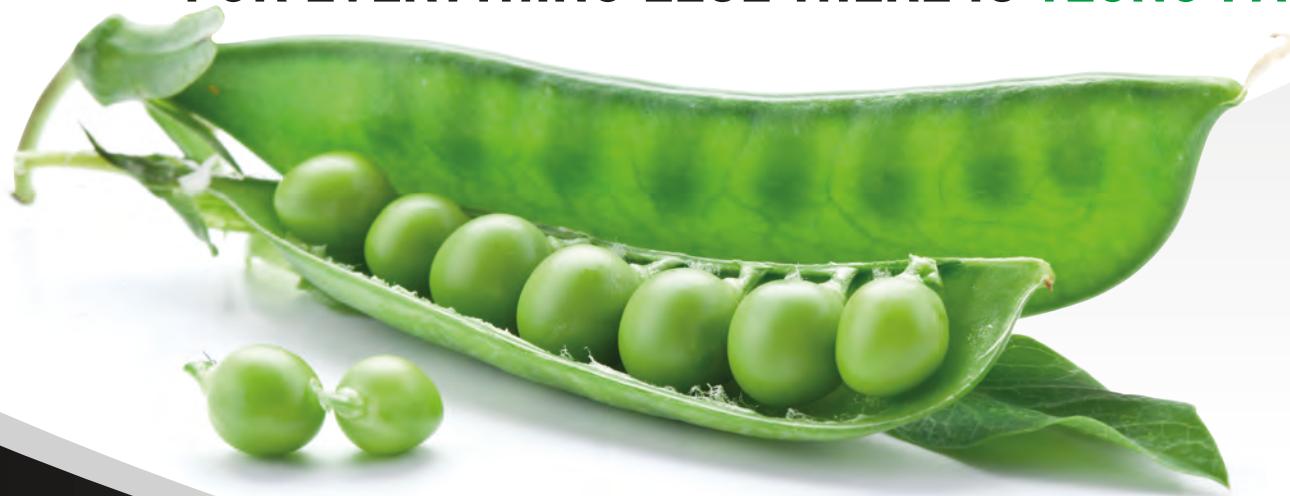
Una squadra commerciale di specialisti tecnicamente competenti, un ufficio tecnico potente ed elastico, la produzione interna di tutti i particolari meccanici, la rigorosa selezione dei materiali da commercio, un team produttivo di assoluta eccellenza ed un servizio post vendita puntuale e presente in tutto il mondo, ci consentono di proporre alla nostra utenza macchine ed impianti sempre studiati come "vestiti su misura"

e riconosciuti come massima espressione dell'attuale stato dell'arte da Aziende come il gruppo Barilla, Nestlé, Pavesi, Kraft, Baxter, Chipita, Pepsico e molti altri. Alta velocità, flessibilità, atmosfera modificata, shelf life del prodotto, integrazione globale del packaging nel sistema azienda, sono alcune delle tematiche che tutti i giorni affrontiamo con entusiasmo e determinazione e che, insieme ai nostri clienti, ci forniscono nuova linfa evolutiva. Siamo assolutamente certi di poter concepire un nostro "vestito su misura" anche per il tuo prodotto e ci impegniamo fin d'ora a vestirlo usando la stessa cura ed impegno con il quale viene realizzato. Il nostro obiettivo è realizzare solo l'eccellenza tecnologica conformandola alle esigenze ed evoluzioni della tua Azienda ed avere quindi, negli anni, il pieno consenso. La nostra proposta è quella di lavorare con noi per poter essere utili e determinanti al successo della tua Società.

Chi siamo? Tecno Pack S.p.A. 

www.tecnopackspa.it

NATURE PRESERVES ITS PRODUCTS, FOR EVERYTHING ELSE THERE IS TECNO PACK



Tecno Pack
PACKAGING MACHINES

SUCCESSFULLY TOGETHER



GLOBAL PRESENCE



PRODUCTIVITY



DIGITALIZATION



INFORMATION
TECHNOLOGY



The represented plant has been supplied to a primary Italian company which works frozen meat and includes: automatic feeding system at high speed of the bulk product, electronic horizontal flow-pack FP100, shrinking tunnel, robotic feeding station for the cartoner machine, three feeders with inclined stores allow to realize packages which contain mix of products of different origin. Operative speed, reliability, great versatility, ease in format changes, complete automation, total realization as per law regulations Industry 4.0, complete traceability of products.

Tecno Pack
PACKAGING MACHINES

QUALITY TOOLS srl, equipment for the aluminum and paper container industry

Esablished in 1978, with more than 40 years' experience, QUALITY TOOLS srl has emerged as the leader in supplying equipment for the aluminum and paper container industry. The company specializes in the design and manufacture of complete lines and tools for production of aluminum foil containers and paper containers with and without rims for food products. At the beginning the activity included the design and construction of moulds for the production of aluminum containers. In 2005, the technological evolution reaches its peak with the setting up of the TI30 press, one flagship of the production of QUALITY TOOLS srl. On 2008 was born the TCR press, which is recognized with the International Patent for both the machine and the moulds to produce paper containers with rim. The high level of technology is also recognized by the industry trade press and the industrial giant Siemens

which collaborates in that important project with the company. One of this innovation is for sure the new revolutionary TSP press, that has been designed and developed for the production of aluminium and paper food containers, dishes and trays. Servo press is characterized by maximum flexibility, high production rates and energy saving. Nowadays QUALITY TOOLS srl is developing a new servo press of even greater capacity, the TS180, which will be able to produce both aluminum and paper foil containers, maximizing productivity.

QUALITY TOOLS srl's flexible organization allows customized services for technical requests including Research & Development and Service Assistance programs for customers. Its plant is located in Capriano del Colle, close to Brescia (Lombardia). 

www.qualitytools.it



QUALITY TOOLS srl, impianti per l'industria dei contenitori di alluminio e carta

Fondata nel 1978, con oltre 40 anni di esperienza, QUALITY TOOLS srl è emersa come leader nella fornitura di impianti per l'industria dei contenitori di alluminio e carta. L'azienda è specializzata nella progettazione e produzione di linee complete e stampi per la produzione di contenitori in alluminio e carta con e senza bordi per prodotti alimentari.

Inizialmente l'attività comprendeva la progettazione e la costruzione di stampi per la produzione di contenitori in alluminio.

Nel 2005, l'evoluzione tecnologica raggiunge il suo apice con la costruzione della pressa TI30, un fiore all'occhiello della produzione di QUALITY TOOLS srl.

Nel 2008 è nata la pressa TCR, riconosciuta con il brevetto internazionale sia per la macchina che per gli stampi per la produzione di contenitori di carta con bordo. L'alto livello di tecnologia è riconosciuto anche dalla stampa di settore e dal colosso industriale

Siemens che collabora con l'importante progetto di cui sopra. Una di queste innovazioni è sicuramente la nuova rivoluzionaria pressa TSP, progettata e sviluppata per la produzione di contenitori, piatti e vassoi per alimenti in alluminio e carta. La servo pressa è caratterizzata dalla massima flessibilità, alti tassi di produzione e risparmio energetico.

Oggi QUALITY TOOLS srl sta sviluppando una nuova servo pressa di capacità ancora maggiore, la TS180, che sarà in grado di produrre contenitori in alluminio e carta, massimizzando la produttività.

L'organizzazione flessibile di QUALITY TOOLS srl consente servizi personalizzati per richieste tecniche, inclusi programmi di ricerca e sviluppo e assistenza ai clienti.

Lo stabilimento si trova a Capriano del Colle, vicino a Brescia (Lombardia). 

www.qualitytools.it



press line and moulds for
ALUMINIUM
& PAPER FOOD CONTAINER



Contacts:
0039 030 9749234
commercial@qualitytools.it
www.qualitytools.it

BMB: we think and develop solutions to allow your ideas to become reality

Experience, competence, undisputed professionalism, high dynamics, make of BMB a very well reputed company not only in the food industry. We are not just a producer and seller of vacuum packing machines but we are researchers of solutions to make your ideas come true, to improve and simplify your production and packaging processes. All our products are the result of long experience in this sector.

Thanks to the continuous research and the most modern design technologies we can realize technologically advanced solutions with high reliable standard and user friendly.

Our machines are 100% Made in Italy, manufactured using top quality materials.

On request the machine can be equipped with optional to control always and from anywhere the status of the machine, or receive a constant update of the machine performances directly on your mobile. A additional service to our customer is the technical assistance plan. We agree directly with the customer dates and frequency of maintenance interventions. Thank to this, the customer does not need to take care of maintenance or fear unexpected machine downtime, as the machine is regularly monitored directly by BMB technicians. Believe in our experience, we have a good solution for your vacuum and MAP packaging, cut and portions lines for food products, systems for conveying and handling products and solutions as per your request. 

www.bmb-bmb.com



"Vacuum Packing Masters Group"



BMB: ricerchiamo soluzioni che permettano alle vostre idee di diventare realtà

Esperienza, volontà, professionalità e dinamicità fanno della BMB una realtà molto apprezzata ed in forte espansione, che, nel settore alimentare e non, sta riscontrando sempre maggiori consensi. Ciò che ci distingue è il fatto che non siamo semplici costruttori e venditori di macchine, ma siamo ricercatori di soluzioni che permettono alle vostre idee di diventare realtà per migliorare e semplificare il vostro ciclo produttivo e di confezionamento. Tutti i nostri prodotti sono frutto delle numerosissime esperienze vissute sul campo, che, grazie ad approfonditi studi ed alle più moderne tecnologie progettuali, permettono la realizzazione di soluzioni tecnologicamente avanzate, di alta qualità, affidabili ed allo stesso tempo semplici nell'uso e nella gestione.

Le nostre macchine sono 100% Made in Italy, costruite con materiali di prima qualità.

Dove richiesto le macchine possono essere attrezzate con le più moderne tecnologie, che permettono

di monitorare via modem lo stato della macchina in qualsiasi parte del mondo ed in qualsiasi momento, oppure ricevere direttamente sul proprio telefono messaggi informativi sulle condizioni operative della macchina. Un ulteriore servizio che possiamo fornire alla nostra clientela è il servizio di manutenzione programmata, grazie al quale, di comune accordo con il cliente, possiamo stabilire le date e la frequenza degli interventi di manutenzione. In questo modo il cliente viene sollevato dal pensiero della manutenzione e dal rischio di fermi macchina improvvisi, poiché le macchine vengono periodicamente monitorate direttamente dai tecnici della BMB. Abbiate fiducia nella nostra esperienza, saremo in grado di offrirvi soluzioni complete e funzionali per le vostre esigenze di confezionamento e conservazione sottovuoto ed in atmosfera modificata, linee di taglio e porzionamento di prodotti alimentari, sistemi di convogliamento e movimentazione prodotti e soluzioni speciali su vostra richiesta. 

www.bmb-bmb.com

Vacuum Packing Masters Group

"We think and develop solutions to allow your ideas to become reality"



THERMOFORMING
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MACHINES



CONVEYOR BELT VACUUM
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&



Flavour Guardians

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Fax +39 0445.639274
info@bmb-bmb.com

IMA: innovation, awareness, ability

Esistito nel 1961, IMA è leader mondiale nella progettazione e produzione di macchine automatiche per il processo e il confezionamento di prodotti farmaceutici, cosmetici, alimentari, tè e caffè.

Its position of leadership is the result of significant investments in R&D, regular and constructive dialogue with the end-users in its sectors and the Group's ability to expand internationally, conquering new markets. Its history features a constant growth that has enabled the Group to close the year 2019 with consolidated revenue of about 1.6 billion euros, an increase of 6.3% over the previous year. Exports accounted for about 90%.

The Group, whose Chairman is Alberto Vacchi, has about 6,200 employees, about 2,400 of whom overseas, and is present in about 80 countries, supported by a sales network made up of 29 branch-

es (Italy, France, Switzerland, the United Kingdom, Germany, Austria, Spain, Poland, Israel, Russia, the United States, India, China, Malaysia, Thailand and Brazil), representative offices in central-eastern Europe and more than 50 agencies.

The Group has 45 production plants in Italy, Germany, Switzerland, the UK, the USA, India, Malaysia, China and Argentina.

IMA S.p.A. has been listed on the Milan Stock Exchange since 1995 and in 2001 joined the STAR segment.

The IMA Group owns more than 1,700 patents and patent applications in the world and has launched many new machine models over the last years.

For further information, please visit our website: www.ima.it



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Fondata nel 1961, IMA è leader mondiale nella progettazione e produzione di macchine automatiche per il processo e il confezionamento di prodotti farmaceutici, cosmetici, alimentari, tè e caffè.

Una leadership acquisita grazie a investimenti significativi nella ricerca e sviluppo, a un dialogo costante e costruttivo con gli end-user dei settori di riferimento, alla capacità del Gruppo di internazionalizzarsi e conquistare nuovi mercati. La sua storia è infatti caratterizzata da una crescita costante.

Il Gruppo ha chiuso l'esercizio 2019 con ricavi consolidati in crescita a circa 1,6 miliardi di euro (+6,3% rispetto al 2018) e una quota export di circa il 90%.

Il Gruppo presieduto da Alberto Vacchi conta circa 6,200 dipendenti, di cui circa 2,400 all'estero, ed è presente in circa 80 paesi, sostenuto da una

rete commerciale composta di 29 filiali con servizi di vendita e assistenza in Italia, Francia, Svizzera, Regno Unito, Germania, Austria, Spagna, Polonia, Israele, Russia, Stati Uniti, India, Cina, Malesia, Thailandia e Brasile, uffici di rappresentanza in Europa centro-orientale e più di 50 agenzie.

Il Gruppo si avvale di 45 stabilimenti di produzione tra Italia, Germania, Svizzera, Regno Unito, Stati Uniti, India, Malesia, Cina e Argentina.

IMA S.p.A. è quotata alla Borsa di Milano dal 1995 ed è entrata nel segmento STAR nel 2001.

Il Gruppo IMA è titolare di oltre 1,700 tra brevetti e domande di brevetto attivi nel mondo e ha lanciato numerosi nuovi modelli di macchine negli ultimi anni.

Per ulteriori informazioni, visitate il sito: www.ima.it



RESTARTING FROM Z E R O S

IMPACTING PRESENT, AFFECTING FUTURE.

Economic results and social benefits are complementary objectives through which we have always generated value for our company, customers, employees, suppliers and for the entire community.

It's time to restart from Zero: our very latest promise to start from innovation to create products, production processes and services, with a renewed logic of sustainability.

Now more than ever, we are all aware that **our commitment today will help to shape the world of tomorrow.**



LOW IMPACT
PROGRAM

More commitment,
less impact.



NO PLASTIC
PROGRAM

More sustainable solutions,
less plastic in products
and process.



SUSTAINABLE
MOBILITY

More power, less CO2.



HUMAN-CENTRIC
PROGRAM

More quality of life,
more quality of work.



#imazero | ima.it



MINI MOTOR: half a century of industrial automation

Mini Motor was founded in Bagnolo in Piano (Reggio Emilia), in the heart of the Motor Valley in the Italian region of Emilia-Romagna. It has been designing and manufacturing electric motors for industrial applications since 1964. It has operations worldwide with branches based in Europe, USA and the United Arab Emirates, and a far-reaching network of dealers. It has a vast and comprehensive range designed for Industry 4.0. This includes products designed for automation and motion control like the DBS series: brushless motors with integrated drive and absolute multi-turn encoder. Connectivity is guaranteed by the support of the 6 most common field buses: CanOpen, Modbus, EtherCAT, Ethernet/IP, Profinet and Powerlink. The first-of-its-kind WBS is a brushless servomotor with integrated operation and wireless control provided by the inbuilt wireless interface and the presence of a battery with inductive charging.

For demanding sectors like the food&beverage and pharmaceuticals industries, Mini Motor has designed its SS series of motors that combine a small footprint with the superior specifications of Aisi 304 and Aisi 316L stain-

less steel: resistance to corrosion, compact surface, lack of porosity, high bacterial removal performance, and low bacterial retention. It complies with IP69K protection rating and is ideal for aggressive environments or applications demanding high standards of hygiene.

The DR series represents the next step in classic single phase and three phase-motors. Complete with integrated drive, connectivity with the most common field buses, and a new design reducing the footprint and optimising the use of space, they represent the perfect integration of drive, motor and gear unit, lowering energy consumption. The great capacity for customisation and extremely high quality at competitive prices are guaranteed by each product.

The ongoing commitment in the search for innovative solutions is a tangible element of smart manufacturing at Mini Motor: resources work with a more intelligent and integrated approach, increasing the speed and flexibility of the process. 

www.minimotor.com



MINI MOTOR: mezzo secolo di automazione industriale

Mini Motor nasce a Bagnolo in Piano (RE), nel cuore della Motor Valley emiliana. Da 55 anni progetta e produce motori elettrici per il settore industriale. È presente in tutto il mondo con filiali in Europa, USA ed Emirati Arabi, e una capillare rete di rivenditori. La vasta e completa gamma è pensata per l'Industria 4.0. All'interno vi sono prodotti ideati per l'automazione e il motion control, come la serie DBS: motori brushless con azionamento integrato e encoder assoluto multigiro. La connettività è assicurata dal supporto dei 6 bus di campo più comuni: CanOpen, Modbus, Ethercat, Ethernet/IP, Profinet e Powerlink. Primo nel suo genere, WBS è un servomotore brushless con azionamento integrato senza fili, grazie all'interfaccia wireless incorporata e alla presenza di una batteria a carica induttiva. Per settori esigenti come food&beverage e farmaceutico, Mini Motor propone i motori della serie SS, che abbina alle dimensioni ridotte le caratteristiche superiori dell'acciaio inox Aisi

304 e Aisi 316L: resistenza alla corrosione, compattezza superficiale, assenza di porosità, elevata rimovibilità batterica e bassa ritentività batterica. Conforme al livello di protezione IP69K, è ideale per ambienti aggressivi o con alti standard igienici. L'evoluzione dei classici motori mono e trifase è realizzata dalla serie DR. Dotata di azionamento integrato, connettività con i più comuni bus di campo e un nuovo design che riduce l'ingombro e ottimizza gli spazi, rappresenta la perfetta integrazione di azionamento, motore e riduttore, abbassando il consumo di energia. La grande capacità di personalizzazione e altissima qualità a prezzi di mercato sono garantiti per ogni prodotto. Il costante impegno nella ricerca di soluzioni innovative concretizza lo smart manufacturing di Mini Motor: le risorse lavorano in modo più intelligente e integrato, aumentando la velocità e la flessibilità del processo. 

www.minimotor.com



SYMPHONY OF **INTEGRATION**



Brushless
Servomotor
with integrated
drive



www.minimotor.com

igus, wide range of components and solutions for the automation

igus was founded in 1964 in Cologne (Germany) and is today the specialist in the use of tribopolymers to produce a wide range of components and solutions for the automation. Today, with a wide network of sales people and 35 subsidiaries around the World, igus offers its "motion plastics" globally. For your technical applications, for any kind of movements, igus offers – from stock – a complete range of plain bearings and ball bearings, self-aligning bearings and joints, linear guides and systems. The company also specializes in the production of e-chains systems for energy and data supply for every type of dynamic application... And for the special requirements of the food & beverage industry, igus offers components in materials that comply with FDA and EU10/2011 regulations. The company has always been very focused on the market trends and process innovations and has developed solutions for the industry 4.0: with igus smart plastics, it is now possible to calculate the

service life of e-chains and chainflex cables in order to better schedule maintenance operations and to avoid unplanned downtimes. To meet and satisfy the requirements of its customers, igus also offers low-cost and modular automation systems and robots, easy to install and simple to program: with robolink the customer can build – according to his real needs – a robot arm with up to 5 degrees of freedom, while for picking, inspection and testing operations he can choose igus delta robot. Another strength of the company is the 3D printing service that makes it possible for the engineering department to produce plastic custom parts, for prototyping but also in small and larger series. Reduction of maintenance and costs, increase in service life and technology, ready from stock products... Here are, in a few words, the main benefits of igus motion plastics. 

www.igus.it



igus, vasta gamma di componenti e soluzioni per l'automazione

igus, nata nel 1964 a Colonia in Germania, è specialista nell'impiego di polimeri compositi autolubrificanti per produrre una vasta gamma di componenti e soluzioni per l'automazione. Oggi, con una fitta rete commerciale e 35 filiali nel mondo, igus fornisce le sue "motion plastics" su scala globale.

Per le vostre applicazioni tecniche, per qualsiasi tipo di movimento, igus propone – da magazzino – una gamma molto estesa di cuscinetti a strisciamento e a sfera, di snodi e giunti autolubrificanti e di guide e sistemi lineari. L'azienda propone inoltre soluzioni per il trasporto di energia e dati in applicazioni dinamiche: sistemi per catene portacavi con cavi e connettori... In particolare, per il settore food & beverage, igus offre componenti e sistemi conformi alle direttive 10/2011 UE e FDA. Da sempre attenta alle tendenze del mercato e alle innovazioni di processo, igus ha sviluppato soluzioni per l'industria 4.0: con le smart plastics di igus, è oggi possibile calcolare la durata d'esercizio di catene e cavi

programmando gli interventi di manutenzione sugli impianti ed evitando fermi macchina non previsti. Per soddisfare le esigenze dei propri clienti, igus propone anche sistemi di automazione e robotica low-cost, modulari, facili da installare e semplici da programmare: con i prodotti robolink il cliente potrà comporre - in base alle sue reali necessità - un braccio robotico fino a 5 gradi di libertà con motore e assi di connessione mentre per le sue operazioni di picking, di ispezione o di collaudo potrà scegliere il delta robot di igus. Un altro punto di forza dell'azienda è il servizio di stampa 3D per realizzare su misura pezzi funzionali, non prototipali, a beneficio di progettisti e produttori di macchine. Riduzione della manutenzione e dei costi, aumento della durata e della tecnologia, componenti pronti a magazzino... Ecco, in breve, i principali vantaggi delle motion plastics di igus. 

www.igus.it

motion? plastics!

infinita libertà progettuale per le vostre applicazioni dinamiche



Un particolare speciale nel materiale iglidur® più adatto alle vostre esigenze. Resistente all'usura, senza lubrificazione e con lunga durata d'esercizio. A disegno, senza minimo quantitativo.



WIBU-SYSTEMS, software license lifecycle management

Wibu-Systems is an innovative technology leader in the global software license lifecycle management market. In its mission to deliver the most secure and versatile technology to software publishers and intelligent device manufacturers around the globe, Wibu-Systems has developed a suite of interoperable hardware, software, and cloud solutions that protect the integrity of digital assets, technical know-how, and intellectual property against piracy, reverse engineering, tampering, sabotage, and cyberattacks.

In the age of Industry 4.0, embedded system designers are called upon to take a holistic approach to cybersecurity and actively rethink their go-to-market strategy to generate profits on a global scale through servitization.

CodeMeter, Wibu-Systems' flagship technology, encrypts software, firmware, and sensitive data with top-notch cryptographic algorithms and methods. The licenses generated are stored in secure elements, including industry-grade portable hardware containers (USB dongles, secure memory cards, ASICs), soft containers bound to the digital fingerprint of the endpoint device (created for instance from mac addresses, hard drive IDs, or TPM specifics), and cloud containers.

CodeMeter is available for PC, mobile, cloud, embedded, PLC, and microcontroller systems; its seamless integration with existing back-office processes, such as ERP, CRM, and e-commerce platforms, is another boon for anybody wishing to boost operational performance and save on logistics.

In addition to state-of-the-art encryption methods for Windows, Linux, Android, VxWorks, macOS, .NET, Java, and the embedded world, CodeMeter offers user-specific solutions for source code protection and complete license lifecycle management for CODESYS, Studio 5000 Logix Designer, and the TIA Portal. Machine builders who wish to license features and functionalities through controllers can rely on the familiar tools from their PLC vendors and develop robust executable protection



by leveraging the hardware containers coming with their devices. Defending the integrity of M2M communications based on OPC UA protocol is vital, and CodeMeter Certificate Vault does so by

providing machines with secure identities. This module of the CodeMeter universe distributes X.509 certificates, supported by Microsoft Cryptographic API Next Generation, PKCS#11, or OpenSSL API, through the tools and processes already in use for software license management. Private keys are stored in the smart card chips on board existing secure hardware elements and can be used for all operations using strong authentication mechanisms, such as digital signatures or encryption.

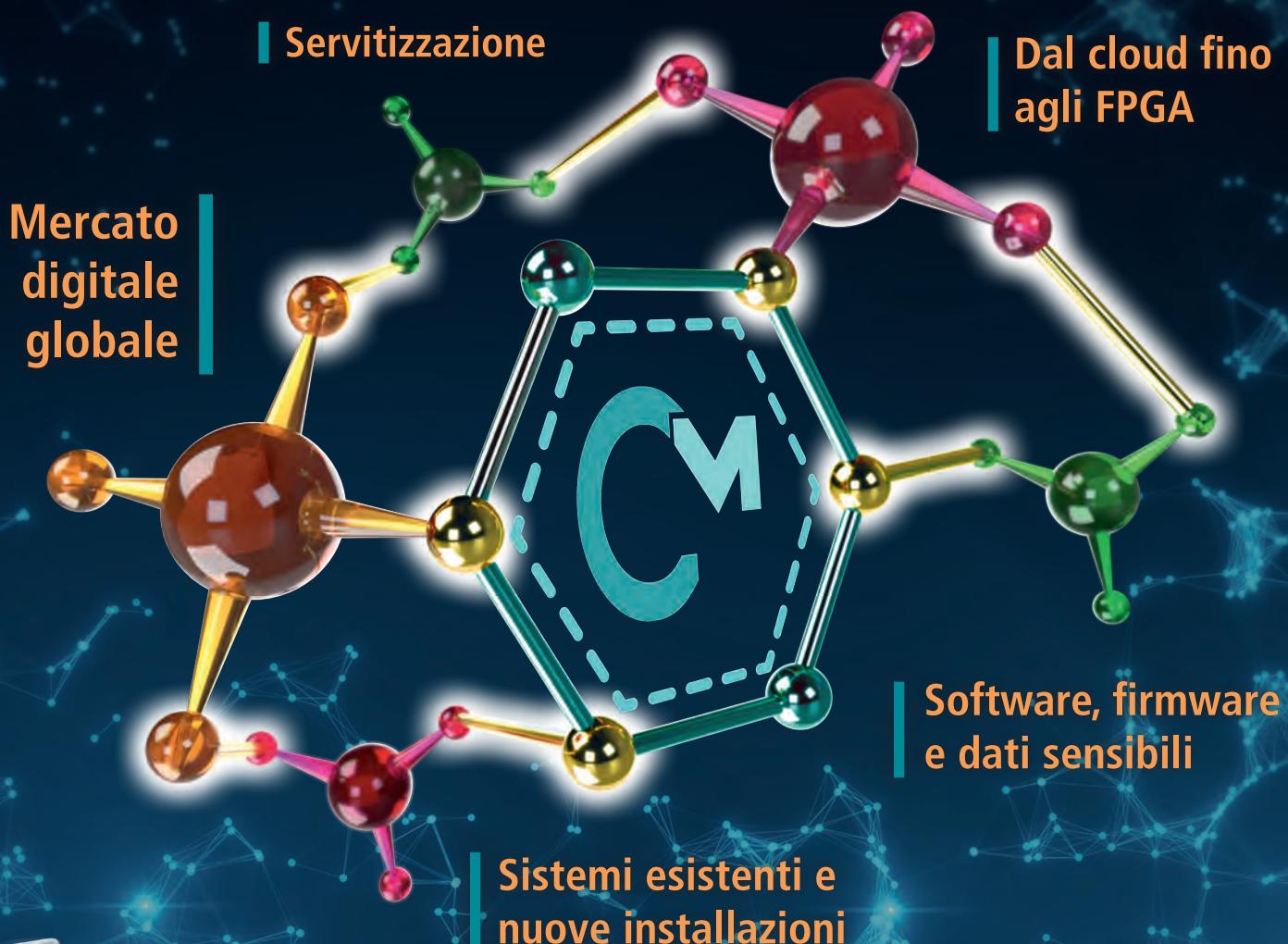
For real data protection, both configuration settings and the underlying applications must be safeguarded. While it is necessary to be able to trust devices with dependable digital integrity, the data itself, such as 3D blueprints or laser cutting machine configurations, can become the currency of monetization, equally deserving of protection. PLC suppliers in the industrial realm often use a cloud connection via gateways to sell and deploy predictive analysis and maintenance services. With the new CodeMeter Cloud, they can integrate the ability to license such services into their existing infrastructure and select the metrics they want for their business model, such as the number of devices, pay-per-use, or the maintenance contract's duration.

However, there are still many scenarios in which factories cannot or should not keep their equipment constantly connected to the web. Whether the devices are online or not, the time-consuming process of delivering and updating licenses has been simplified with the help of CodeMeter License Central, which offers efficient ways to transfer licenses to units in the field. Although industrial automation is one of the main markets Wibu-Systems has dedicated itself to, CodeMeter is also a popular choice for medical equipment, machine vision systems, 3D printing, ATMs, slot machines, and virtually any software with valuable intellectual content.

www.wibu.com

**La corsa verso la trasformazione digitale è inarrestabile.
Traetene il massimo vantaggio economico e tecnologico.**

- Proteggete le vostre risorse digitali da pirateria e reverse engineering
- Garantite l'integrità dei vostri endpoint da possibili manomissioni
- Implementate molteplici modelli di business che rispondano ai diversi mercati



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SECURITY
LICENSING

PERFECTION IN PROTECTION

REER, manufacturer of safety sensors

Founded in 1959, ReeR is today the biggest manufacturer of safety sensors in Italy and one of the major players worldwide with a strong presence in all industrialised countries and an extensive sales, distribution and after-sales network.

ReeR offers a complete range of **optoelectronic barriers**, photocells, **laser scanners**, safety interfaces and **safety controllers**. The wide range of products available allow ReeR to claim one of the most comprehensive product portfolios in the safety industry. The variety of models and different product characteristics engineered for specific applications, allow users to benefit from ReeR's extensive knowhow. Versions with IP69K watertight enclosure (ECOLAB certified) can be used in presence of water and steam as required by the Food & Beverage industry.

ReeR is also a key player in the machine directive drafting process, allowing being always up to date in terms of compliance of its own products as well as following the evolution of the standards.

In today's market the design and construction of a safety system of a complex machinery is ruled mainly by economics and flexibility of the system itself. This is the main reason behind ReeR's effort to engineer and develop a modular and configurable **safety controller: Mosaic**.

Mosaic system is modular, configurable and can manage all safety functions of a machinery, a system or a plant. Mosaic can manage sensors and switches like for example: safety light curtains, photocells, laser scanners, emergency stops, electromechanical switches, magnetic switches, RFID switches, inductive sensors, safety mats and edges, two-hand controls, enabling switch, encoders and proximity sensors.

The overall system can be configured starting with a stand-alone main unit or, to its maximum extents, with the main unit and up to 14 expansion modules. All modules communicate via a proprietary MSC bus and can be connected to main industrial field bus. 

www.reersafety.com



REER, costruttore di sensori di sicurezza

ReeR, fondata nel 1959, è oggi il più grande costruttore di sensori di sicurezza in Italia e uno dei maggiori nel mondo. Presente in tutti i paesi industrializzati con una rete di distribuzione e assistenza competente ed efficace.

La gamma ReeR offre un assortimento completo di **barriere optoelettroniche**, fotocellule, **laser scanner**, interfacce e **controllori di sicurezza**. L'ampia scelta rende il catalogo dell'azienda uno dei più completi in assoluto nel mondo della sicurezza, grazie alla varietà di modelli ed alle caratteristiche applicative studiate in funzione delle varie esigenze degli utilizzatori. Le versioni con contenitore stagno IP69K possono essere utilizzate in ambienti caratterizzati dalla presenza di acqua e vapore come nell'industria alimentare e delle bevande (certificazione ECOLAB).

ReeR è anche protagonista nel processo normativo sulla sicurezza delle macchine. Per questo è sempre all'avanguardia in merito alla conformità dei propri prodotti e nel seguire l'evoluzione dei requisiti normativi.

Oggi la progettazione e la realizzazione dell'impianto di sicurezza di un macchinario complesso dipendono in larga misura da fattori economici e da esigenze di flessibilità.

Per questo motivo ReeR ha realizzato il **controllore modulare configurabile di sicurezza Mosaic**, in grado di concentrare tutta la gestione delle funzioni di sicurezza di una macchina o di un impianto.

Mosaic gestisce sensori e comandi di sicurezza quali: barriere fotoelettriche, fotocellule, laser scanner, pulsanti di arresto di emergenza, interruttori elettromecanici, interruttori magnetici, interruttori RFID e induktivi, tappeti e bordi sensibili, comandi a due mani, pulsanti uomo morto, encoder e proximity. Il sistema può essere composto dalla sola unità principale o, in massima configurazione, dall'unità principale e da 14 espansioni.

La comunicazione tra i moduli avviene tramite il bus proprietario MSC e può essere interfacciato verso i più comuni Bus di campo industriali. 

www.reersafety.com

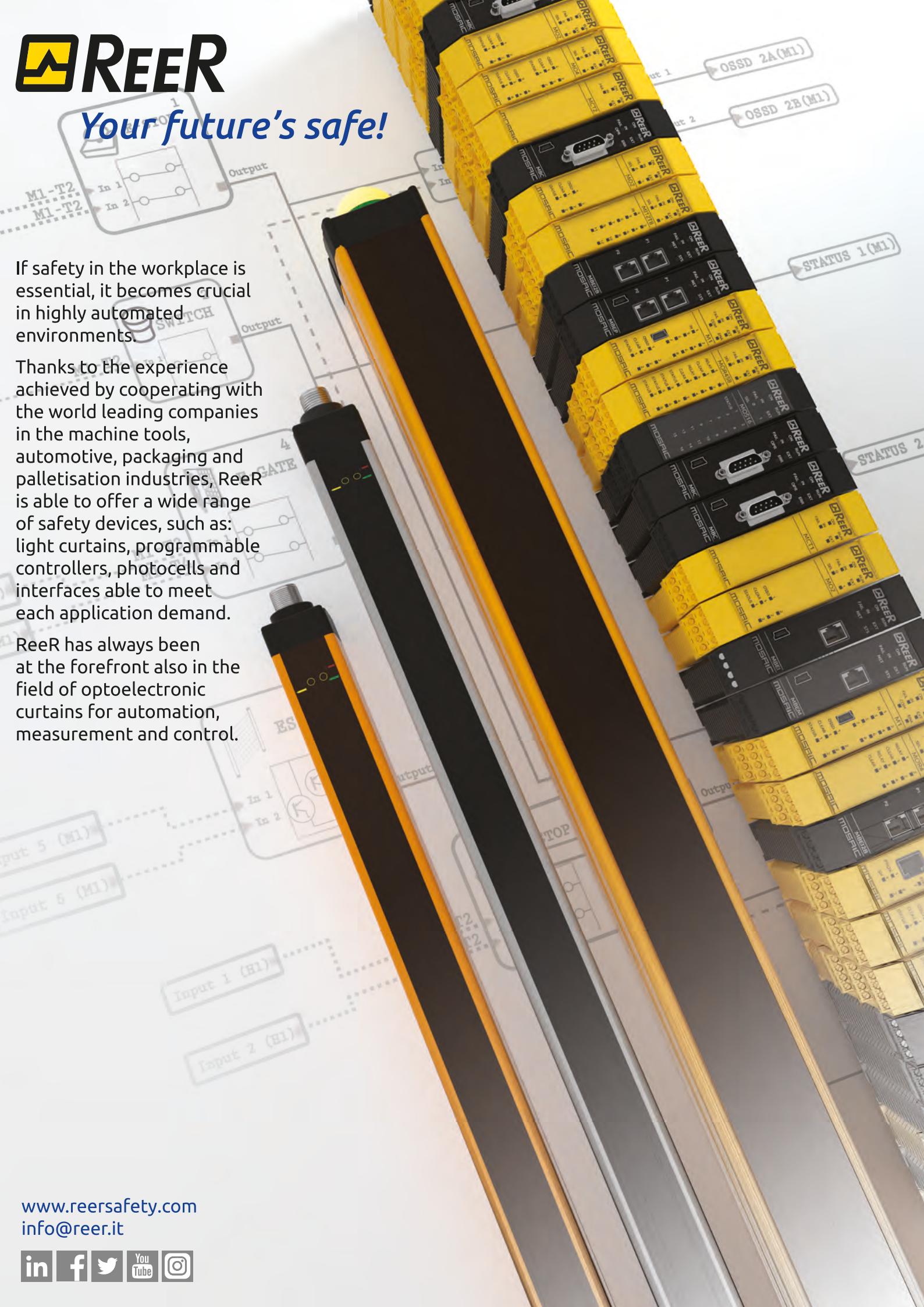


Your future's safe!

If safety in the workplace is essential, it becomes crucial in highly automated environments.

Thanks to the experience achieved by cooperating with the world leading companies in the machine tools, automotive, packaging and palletisation industries, Reer is able to offer a wide range of safety devices, such as: light curtains, programmable controllers, photocells and interfaces able to meet each application demand.

Reer has always been at the forefront also in the field of optoelectronic curtains for automation, measurement and control.



www.reersafety.com
info@reer.it

New LinMot, constant quality in servo cappers

The linear and the rotary movements, and the complete capping process can be completely decoupled from carousel movement, thus guaranteeing constant process quality.

LinMot linear rotary motors, distributed in Italy by Pamoco, can realize any arbitrarily combined linear and rotational movements. Motion profiles, linear or rotary speeds, press forces or tightening torques can be controlled completely independent from each other. In addition, the cap position can be monitored at the end of capping procedure in order to detect caps that did not reach their final position or slanted sitting caps. For this reason, linear-rotary motors are used in flexible cappers where the capping process is fully programmable. LinMot linear-rotary motors, combined with the drives C1100 and C1200 series, can be easily be implemented in multi-head carousel. Only motor,

logic supply and communication bus have to be supplied through slip rings on the carousel, to be wired to the individual multi head modules. As the motor cables are mounted fix, no moving cables or cable tracks are needed on the carousel, resulting in long live and long service intervals.

The linear and the rotary movements and therefore the complete capping process can be completely decoupled from carousel movement.

This guarantees a constant process quality also at different speeds or startup and shutdown of a machine. With strokes up to 300mm it is now also possible to use LinMot's linear rotary motors in cappers for voluminous bottles or aerosols with pump or spray closure in which the long suction tube is inserted vertically together with the cap. 

For more details please visit the following website:
www.linmot.com



LinMot, qualità costante nella servotappatura

I motori lineari rotativi di LinMot, distribuiti in Italia da Pamoco, permettono di combinare movimenti lineari e rotativi. I profili di moto, le velocità lineari o rotative, le forze di spinta e le coppie di serraggio possono essere completamente controllate in maniera indipendente una dall'altra. In aggiunta la posizione del tappo può essere rilevata alla termine della procedura di tappatura al fine di capire se il tappo non ha raggiunto la sua posizione finale oppure se si è inclinato.

Per questi motivi il motore lineare-rotativo viene utilizzato per tappatrici flessibili ove il processo di tappatura è totalmente programmabile.

I motori lineari rotativi LinMot, abbinati agli azionamenti della serie C1100 e C1200, possono facilmente essere implementati nelle giostre multatesta. Soltantanto l'alimentazione delle logiche ed il bus di comunicazione devono essere forniti attraverso i "contatti rotanti" della "giostra" collegandoli

direttamente ad ogni singolo modulo multi testa. Grazie al fatto che il cavo motore è fisso non ci sono cavi o catene portacavi in movimento sulla giostra, con il risultato di una elevata durata di vita e lunghi intervalli di manutenzione.

I movimenti lineari e rotativi e tutti processi di tappatura possono essere totalmente disaccoppiati dal movimento della giostra; questo garantisce un processo con qualità costante anche a differenti velocità od in fase di partenza o di arresto della macchina.

Con corse sino a 300 mm è ora possibile utilizzare il motore lineare rotativo in tappatrici per bottiglie di grandi dimensioni, aerosols o spray nei quali il lungo tubo di aspirazione è inserito verticalmente insieme al tappo. 

Per ulteriori informazioni consultare il sito Internet
www.linmot.com

pamoco®



**VERSIONI
AD ALBERO
PASSANTE**

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LINEARE-ROTATIVO
CON CONTROLLO
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XHOLDING, giving voice to moving objects

Connecting physical to digital is much more than a simple payoff, it's the core foundation of the Xholding group. We aim to help and push the evolution of Italian companies just connecting objects, documents, goods, and information in a continuous dialogue.

Since 2000 - when the first company of the group, Xholding, was founded - we've been providing professional printing systems, automatic identification and RFID solutions, Mobile Device Management software, Wi-Fi networks, radio surveys and document management software. These services are much more than our mission: for us they are the answer to simplify a fundamental part of the production process: traceability and identification.

Becoming a trusted partner who works with passion is the real challenge the group faces every day. In Xhold-

ing we always want to anticipate possible problems and critical issues, providing hedging solutions.

The commitment towards customers has always been the priority for Xholding group. Still, it has grown with our other two companies: Axter and Xerum, respectively engaged in the distribution of products in the Italian North-West area and IT consulting.

The letter X of the new logo shows the union of three companies in a single group, linked by a unique mission: to meet the innovation challenge launched by the Italian industrial panorama. Through constructive and constant confrontation with companies, professionals, and partners, Xholding renews its commitment day after day to do more and better. 

www.xholding.it



XHOLDING, giving voice to moving objects

Connecting physical to digital è molto più del motto del gruppo Xholding, ma l'esatta traduzione di ciò in cui crede con forza: facilitare l'evoluzione delle imprese italiane in modo semplice, connettendo tra loro oggetti, documenti, merci e informazioni in un dialogo continuo.

Sin dal 2000 - anno in cui viene fondata Xholding, la prima azienda delle tre che costituiscono il gruppo Xholding e che si rivolge prevalentemente al mercato del Nord-Est italiano - viene portato avanti l'impegno nel fornire alle aziende sistemi professionali di stampa e rilevazioni dati, identificazione automatica ed RFID, Mobile Device Management, Reti e Soluzioni Wi-Fi e soluzioni software per la gestione documentale.

Un insieme di prodotti, software e progetti che costituiscono la risposta al problema di semplificazione di una parte fondamentale del processo produttivo: la tracciabilità dei prodotti.

Insieme ad Axter e Xerum, rispettivamente impegnate nella distribuzione di prodotti nell'area del Nord-Ovest e nella consulenza informatica, si è consolidato l'impegno verso i clienti, divenendo per loro partner fidato, a cui rivolgersi non solo per l'expertise, la professionalità e la passione dei suoi collaboratori, ma anche per la capacità di saper guardare lontano, più avanti del momento attuale. Una lungimiranza che permette di scorgere problemi e criticità prima che accadano è il tratto distintivo di Xholding. Tratto evidente già nella X del suo logo, segno grafico che mostra visivamente lo slancio che ha accompagnato l'evoluzione e l'unione di tre aziende in un unico gruppo, legato da una missione comune: raccogliere la sfida di innovazione lanciata dal panorama industriale italiano. Tramite il confronto costruttivo e costante con aziende, professionisti e partner Xholding rinnova giorno dopo giorno il suo impegno nel fare sempre di più, sempre meglio. 

www.xholding.it



CONNECTING PHYSICAL TO DIGITAL

Connettere l'analogico con il digitale è molto più del nostro motto aziendale. È l'esatta traduzione di ciò in cui crediamo con forza: **facilitare l'evoluzione delle imprese italiane.** Collegare tra loro oggetti, documenti, merci e informazioni in una comunicazione continua per rendere tutto identificabile e sicuro.

LOGISTICS

SUPPLY CHAIN MANAGEMENT

RFID

IOT SOLUTIONS

MOBILE DEVICE MANAGEMENT

CONTRINEX, sensors for factory automation

Contrinex is a leading manufacturer of sensors for factory automation. The Swiss company, headquartered in Corminbeuf near Fribourg (CH), has a unique and innovative range of products whose features far surpass those of standard sensors. Since its foundation in 1972 by Peter Heimlicher, Dipl Ing ETH, Contrinex has grown from a one-man operation to a multinational group with over 500 employees worldwide. More than 15 subsidiaries cover the core markets in Europe, Asia, North and South America. Contrinex manufactures its own sensors, safety and RFID systems in 4 production locations: Switzerland (since 1972), Hungary (since 1995), China (since 2003) and Brazil (since 2009).

At a glance

- Technology leading manufacturer of inductive and photoelectric sensors as well as safety and RFID systems
- World market leader for miniature sensors, sensors with long operating distances and devices for particularly demanding operating conditions (allmetal, high-pressure and high-temperature resistant sensors)

- Represented in over 60 countries worldwide, headquarters in Switzerland
- 8000 products

Intelligent Sensors for the 4th Industrial Revolution: Industry 4.0

Fit for the future with IO-Link

Intelligent sensors are the fundamental building blocks of modern smart factories. They enable sensor-supported production resources (machines, robots, etc.) to configure, control, manage and optimize themselves. Precise, reliable sensor data is now more essential than ever.

Sensors from Contrinex, the leader in intelligent sensor technology, ensure excellent data quality. To communicate that data, all Contrinex inductive and photoelectric ASIC sensors will be equipped with IO-Link as standard. Customers use either the sensor's binary PNP output or its intelligent IO-Link interface. Both are available in one and the same device. 

www.contrinex.com



CONTRINEX, sensori per l'automazione industriale

Contrinex occupa un posto di primo piano tra le aziende produttrici di sensori per l'automazione industriale. Questa azienda svizzera, con sede principale a Corminbeuf, vicino a Friburgo (CH), può contare su un catalogo prodotti unico e innovativo, le cui caratteristiche superano ampiamente quelle dei sensori standard. Dal 1972, anno della sua fondazione da parte dell'ingegnere Peter Heimlicher, laureato al politecnico di Zurigo, Contrinex si è trasformata da ditta individuale a multinazionale, con più di 500 dipendenti nel mondo. Più di 15 filiali coprono i mercati principali di Europa, Asia, Nord e Sud America. Contrinex produce i sensori e sistemi di sicurezza e RFID in quattro stabilimenti: Svizzera (dal 1972), Ungheria (dal 1995), Cina (dal 2003) e Brasile (dal 2009).

Panoramica

- Azienda leader nel settore dei sensori induttivi e fotoelettrici, nonché nei sistemi di sicurezza e RFID
- Leader mondiale nel campo dei sensori miniaturizzati, dei sensori con distanza di intervento elevata e dei dispositivi per condizioni di esercizio particolarmente complesse (sensori tutto-metallo, resistenti

alle alte pressioni e alle alte temperature)

- Rappresentanze in oltre 60 paesi in tutto il mondo, casa madre in Svizzera
- 8000 prodotti

Sensori intelligenti per la 4° rivoluzione industriale: Industria 4.0

Pronti per il futuro con IO-Link

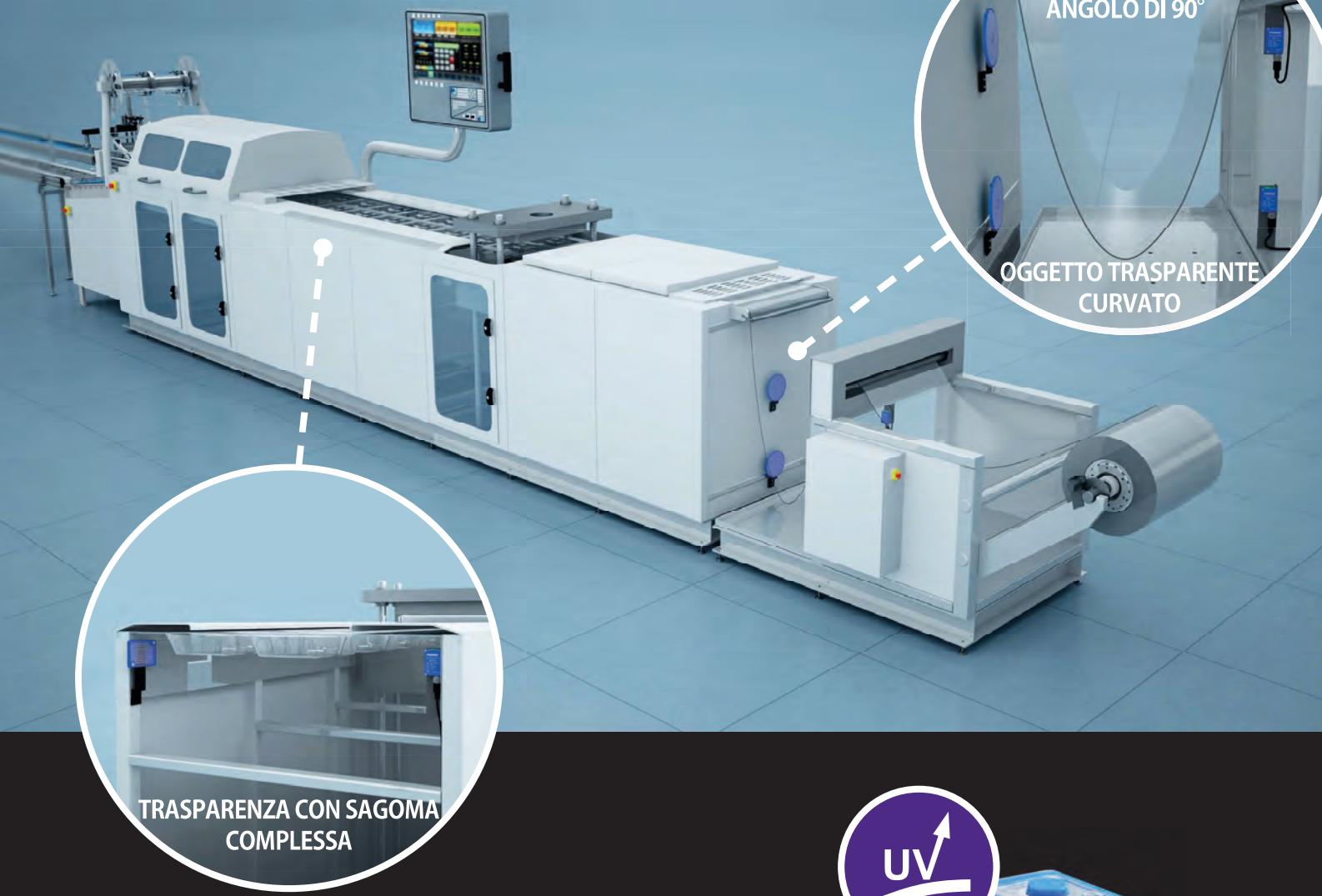
I sensori intelligenti sono i mattoni fondamentali delle moderne fabbriche intelligenti. Essi sono un valido supporto alla produzione (macchine, robot, ecc) per configurare, controllare, gestire e ottimizzare gli stessi. Avere informazioni precise e sicure dai sensori è oggi più che mai essenziale.

I sensori della Contrinex, leader nella tecnologia dei sensori intelligenti, assicurano eccellenti qualità di dati. Per trasmettere i dati, tutti i sensori Contrinex induttivi e optoelettronici ASIC saranno equipaggiati con IO-Link di serie. I clienti possono utilizzare l'usata PNP del sensore o la sua interfaccia intelligente IO-Link. 

www.contrinex.com - info@contrinexitalia.it

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RILEVAMENTO AFFIDABILE AL 100% DI OGGETTI TRASPARENTE



TECNOLOGIA UV

Insensibile alla distorsione della luce,
indipendentemente dalla trasparenza,
spessore, forma o velocità dell'oggetto



COSTACURTA, from conveyor belts to wedge wire screens

Costacurta offers a wide range of solutions for the Food & Beverage Industry. Costacurta S.p.A.-VICO is an Italian company specialized in the design and manufacture of metal components for industry and architecture, serving markets worldwide.

The company, with its 95 years of consolidated experience in the Made-in-Italy production, is based in Milan and has 2 production facilities in the province of Lecco, Italy.

Since 1921 Costacurta has been investing and researching to be more and more competitive on both the Italian and international markets. The company has a divisional structure allowing effective operations on different markets, where Costacurta works according to its mission and values.

Its entire product portfolio originates from wires and plates, and is made of:

- Filtering elements
- Conveyor belts
- Products for the Oil & Gas, chemical and petrochemical sectors

Metal conveyor belts

Metal conveyor belts are used in many industrial processes and sectors, from metallurgical engineering, to the pharmaceutical and food industry. These belts can be used for applications that require temperatures ranging from approx. -150°C to +1.150°C, even under mechanical or chemical stress. The company has gained a deep understanding in the designing and manufacturing of metal conveyor belts and is able to support its customers in choosing the most appropriate solution, helping them in terms of materials and type of belt to purchase on the basis of operating conditions, shape, size and weight of the products to be conveyed.

In the beverage sector, Costacurta's products can be used in different applications. In particular, the belts are used for heat shrink tunnels or shrink wrappers where the final product needs to be wrapped with a heat-shrinkable film. The belts are designed to guarantee an excellent stability

VICOCostacurta

of the product during the whole process. The constant speed operation of the belt, reduced vibration levels and a high functioning reliability really guarantee the perfect wrapping for any pack, six-pack and others.

Wedge wire screens

Among the usual filtering systems, Costacurta also offers the wedge wire screens. This product allows an effective separation while guaranteeing a high mechanical resistance.

The VICO-Screen® is designed for retaining materials, filtering and sieving. It has countless applications, mainly in the chemical, mining, pharmaceutical, plastic, paper and food industries.

Thanks to their mechanical and construction features, which guarantee a high product resistance, the wedge wire screens can be considered in some cases a more efficient alternative to metal meshes and perforated plates, depending on the specific needs of the customer. The wedge wire screen is a filtering element made of V-sectioned wires, arranged in a parallel manner and welded to support bars or rods. The V-section minimises the risk of clogging, allowing an effective separation of solid elements (smaller than 1 mm) from liquids, both in coarse screening and finer screening procedures, thanks to the wide range of slots available.

The VICO-Screen® can also be supplied as a flat panel, often used during germination in the production of beer.

The VICO-Screen® can be made with wires and supports of different shapes, sizes and materials in order to be able to resist to different temperatures, pressures and corrosive or abrasive actions. Malt houses, breweries and distilleries can use Costacurta's VICO-Screen® in their clarification and filtration plants. The slots (from the smallest of 30 µm) are suitable for many production processes, from the smallest plants to industrial scale productions. 

www.costacurta.it



Conveyor belts for the food processing industry.

Costacurta conveyor belts are used in food processing as well as in many other industrial processes.

Thanks to the specific experience gained over more than 60 years, Costacurta can assist the client in the selection of the most suitable type of belt for the specific application. Costacurta conveyor belts are suitable for applications with temperatures ranging from -150°C to +1150°C.

SMI SPA: being innovative, reliable and eco-friendly in a circular economy

The SMI Group is today one of the world's largest manufacturers of bottling and packaging plants, able to meet production requirements up to 36,800 bottles/hour for food and beverage, household cleaning, personal hygiene, chemical and pharmaceutical products.

Cost reduction, energy saving, environmental benefits, increasing competitiveness and improvement of the positioning on the market are all elements that are common to the companies operating in the context of the circular economy.

In SMI, environment and sustainability, tradition and innovation are combined, creating a sound balance, since the activities of the company are driven by the attention to market needs and by the search for cutting-edge technical solutions that help drive continuous change. This change is often related to the specific features of the bottling and packaging industry, that now, more than ever, plays a key role within the business strategies for the environmental protection.

Always connected with the market. Industry 4.0

SMI provides technological solutions of the latest generation inspired by Industry 4.0 and Internet of Things (IoT) concepts, that are even more efficient, flexible, eco-friendly, ergonomic, easy to use and to control. Continuous innovation has been driving the success of SMI products for over 30 years and has allowed to design, manufacture and provide thousands of customers all over the world with technologically advanced machines and systems, able to easily and effectively adapt to the needs of a continuously changing market.

SMI machines are equipped with smart intelligence to register, analyze, optimize, change automatically production and operating parameters, ensuring great benefits for the customers.

Automatic shrink wrappers and packers for every need

SMI offers a wide range of high performance automatic packers for the secondary packaging industry, able to meet every production need.

SMI shrink wrappers represent the best that shrink wrap film technology can offer to pack a wide range of PET, rPET, glass, aluminium containers in packs in



film only, cardboard pad + film or in stretch cardboard trays + film in production plants from 30 up to 450 packs/minute (the latter refers to packs in film only on three lanes).

Furthermore, SMI provides a wide range of wrap-around case packers and combined packers to pack PET, rPET, glass, aluminium and cardboard containers suitable to production plants from 30 to 80 packs/minute (according to the range and the container capacity).

Innovation, reliability and sustainability

All development projects and plants manufactured focus on these concepts of business strategy, like EBS ERGON stretch-blow moulders, compact, efficient and eco-friendly plants for the production of PET and R-PET (recycled PET) containers.

At the base of each new development there is the idea of circular economy, namely an economic system designed to regenerate itself. This is not utopia, but concrete reality, today, more than ever, topical. The use of R-PET for the production of new bottles is the core of the circular economy concept, that consists in collecting materials used and processing them, so that they can be reused or recycled more times, avoiding waste and reducing the environmental impact of the packaging, provided that efficient recycling and waste systems exist.

As the recent project performed in collaboration with Société des Eaux de Volvic, company belonging to Danone Group, that invested in the purchase of a new bottling line in 8 L 100% recycled plastic containers (rPET) shows, SMI is used to creating a strong synergy with its customers in order to ensure performances that are higher than the standards in terms of reliability, bottle quality, protection of the final product, eco-sustainability and operating efficiency of the whole production process.

Producing even lighter bottles

Another strategy that contributes to safeguarding the environment is based on the study of even lighter PET containers that allow to save greatly on plastic, thus being fully in line with the environmental policy of the largest producers of beverages.

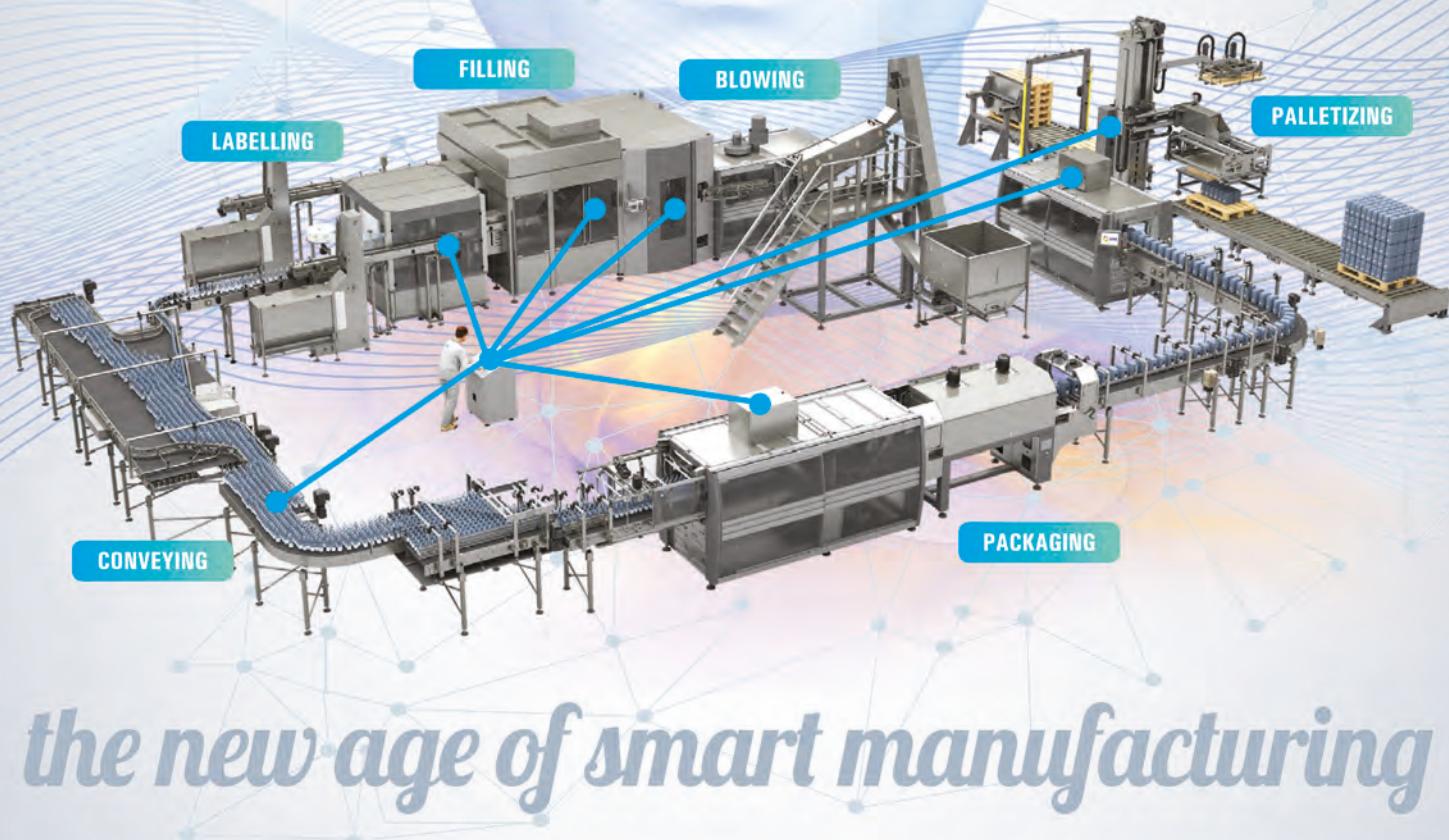


www.smigroup.it

INTERCONNECTED INTELLIGENCE BETWEEN YOU AND YOUR FACTORY



SMI SMART
LINES VIDEO
...scan & discover it!



the new age of smart manufacturing

SMI is specialized in designing, producing and installing complete lines for food & beverage bottling & packaging.

SMI turn-key systems feature Industry 4.0 and IoT technologies and an output rate up to 36,800 bottles/hour.

THE FACTORY OF THE FUTURE IS ALREADY A REALITY



GRANZOTTO, a story of innovation with an eye into the future

Located in the heart of the Prosecco hills, Unesco heritage since 2019, GRANZOTTO is an Italian company based in Susegana.

In over 50 years of business GRANZOTTO has always stood out for the continuous effort to offer customers high customizable solutions, using cutting-edge technologies, specifically in the food industry, throughout the sales process.

Research, in-depth knowledge and innovation have always been the fundamental basis for its success and authenticity.

Faithful to its initial mission, with over 50 years of experience behind it, GRANZOTTO looks into the future with renewed enthusiasm, distinguishing itself for the high-level tailored solutions, for the complete management of liquid products in the food and chemical sector.

Laying at the base of GRANZOTTO experience is the development of plants for the manufacturing pro-

cess of food products. Temperature and refrigeration control, transfer and piping, product recovery and line cleaning alongside with the supply of auxiliary services and the management of the entire production site represent the best of the GRANZOTTO expertise.

The company orientation towards people's values has provided the foundation of a team with the best professionals. Each role - technical, commercial, administrative, operational - is enriched by the value and competence of capable professionals.

In over 50 years of design and production activities, GRANZOTTO has collected more than 1000 references, an average customer satisfaction rating of 4.8 / 5 and 11 European patents making the company a distinguishing mark in terms of competence, customized solutions and reliability. 

www.granzotto.it



GRANZOTTO, una storia di innovazione progettata nel futuro

Ricerca, conoscenza approfondita e innovazione garantiscono lunga vita alle aziende ed è elevata soddisfazione ai clienti: queste sono e sono state le linee guida di GRANZOTTO che in 50 anni di storia si è costantemente prodigata per offrire alla clientela sempre il meglio in fatto di tecnologie, prestazioni degli impianti per la gestione completa dei liquidi nelle industrie alimentari, servizi pre e post vendita. E anche ora, con oltre 50 anni d'esperienza alle spalle, guarda al futuro con rinnovato entusiasmo, affinché l'innovazione contraddistingua la propria offerta di impianti, sistemi e servizi.

GRANZOTTO è un'azienda italiana con sede a Susegana in provincia di Treviso, nel cuore delle colline del Prosecco, patrimonio Unesco 2019. La realizzazione di impianti per la manifattura di prodotti alimentari è alla base dell'esperienza GRANZOTTO. La gestione completa dei "prodotti alimentari liquidi" è parte integrante della tecnologia GRANZOTTO. In particolare il recupero prodotto e il lavaggio delle linee produttive,

il controllo temperatura e la refrigerazione, il trasporto e la distribuzione, la fornitura di servizi ausiliari e la gestione dell'intero sito produttivo rappresentano il meglio della competenza GRANZOTTO.

GRANZOTTO possiede una struttura aziendale orientata alle persone. Ogni ruolo - tecnico, commerciale, amministrativo, operativo - è arricchito dal valore e dalla competenza di professionisti capaci. Ogni singola idea, procedura, soluzione, scelta, analisi, consiglio, proposta vede la soddisfazione, la tranquillità e il successo dell'azienda cliente come obiettivo principale dell'intero team GRANZOTTO, in tutte le sue funzioni. Oltre 50 anni di attività progettuale e produttiva, più di 1000 referenze, una valutazione media della soddisfazione del cliente pari a 4.8/5, 11 brevetti europei fanno della GRANZOTTO un sicuro punto di riferimento relativamente a competenza, soluzioni personalizzate, affidabilità. 

www.granzotto.it

EFFICIENCY AND SUSTAINABILITY IN OVER 50 YEARS

Industrial plants and systems for the transfer, recovery of the liquid, cleaning of the production lines.

LEVER PLAN

INDUSTRIAL PLANTS, SYSTEMS
AND SERVICES FOR THE COMPLETE
MANAGEMENT OF LIQUID PRODUCTS IN THE
FOOD AND CHEMICAL SECTOR.

Tailored solutions, from the layout of the project up to final installation

- Cip Integrated Cleaning System for production plants
- Pigging System for product recovery
- Product transfer and distribution
- Product temperature control system
- Skid for liquid product process
- Automation and management of the production plant

www.granzotto.it





Ideas, solutions and plants for the food and beverage industry

Passion, expertise and innovation are the keys to the success of SAP Italia. Since 1983, the company has been offering highly technological plants for the food industry.

Over the years, SAP Italia has developed a deep know-how in different fields of application and today it plays an important role in its sector as an international leader.

Thanks to constant research and various fruitful collaborations, the company is able to meet its customers' specific needs and provide them with tailored high-tech solutions.

The wide range of SAP Italia services includes in-depth feasibility studies, comprehensive and detailed estimates, customized design according to specific requirements, software development, installation and testing, personnel training and preventive maintenance.

Furthermore, SAP Italia's customers can always count on the support of a team of experts.

What really makes SAP Italia different from its competitors, is its personalized approach to every single project, which is designed upon the specific needs of different customers. By modeling and adjusting its technology, SAP Italia can contribute to its customers' success and to maximizing the results of their investment.



UHT Sterilization Plants

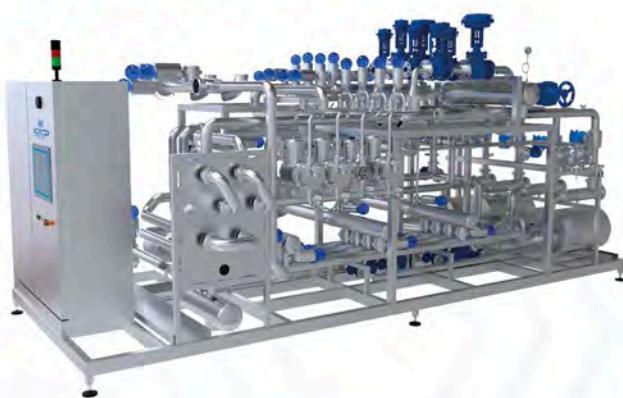
Mixing and Carbonating Units



Pasteurization Plants



Cip Cleaning Plants



Continuous Sugar Dissolvers



Aseptic Tanks



Food Processing Plants



SAP ITALIA SRL
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20077 Melegnano (MI) Italy
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Fax +39 02 9823 17 67
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www.sapitalia.it

Heads for **industrial washing** of containers

Thanks to a programme of product optimisation, resulting from a careful and meticulous client feedback process, the 1980s and 1990s witnessed the development, by the Officina Meccanica Bolondi Ivano, of a large number of technical innovations in the washing head production sector.

A comprehensive range of low and highpressure products designed to meet the needs of firms looking for products that are perfectly suited for sanitising and cleaning, from the smallest of containers to the largest of spaces. Particular care and attention has been devoted to the as-

pects of integration with industrial systems and machines, above all in the food, pharmaceutical, chemical, wine producing, transportation sectors, and in the urban and building cleaning industry, by using materials that are compatible with a large variety of products.

It is impossible to overlook the detailed finishing touches that are applied to each and every aspect, hallmarks of truly innovative designs, and that are veritable technological treasures in each of the individual components. 

www.bolondi.com



Macchine per **lavaggio industriale** di interni

Officina Meccanica Bolondi Ivano sviluppa negli anni '80 e '90, grazie ad un processo di ottimizzazione della produzione nato da un attento e puntiglioso feed-back con i propri maggiori clienti, una grande quantità di innovazioni tecnologiche nel settore della produzione di testine di lavaggio.

Una completa gamma di prodotti per bassa ed alta pressione in grado di soddisfare la richiesta di tutte le aziende che necessitano di un prodotto ideale alla sanificazione e alla pulizia, dal piccolo contenitore fino ad arrivare al grande ambiente.

Particolarmente curato è stato anche l'aspetto

dell'integrazione con macchine e impianti industriali soprattutto nel settore alimentare, farmaceutico, chimico, enologico, dei trasporti, della nettezza urbana ed edile, con un impiego di materiali compatibili con i più svariati prodotti.

Non può essere tralasciata la particolare rifinitura di ogni singolo aspetto, che caratterizzati da un vero e proprio design innovativo sono veri e propri gioielli, tecnologicamente avanzati in tutti i singoli componenti. 

www.bolondi.com

Bolondi

Cleaning Heads



rotjet[®]

MACCHINE PER LAVAGGIO INDUSTRIALE DI INTERNI
HEADS FOR INDUSTRIAL WHASING OF CONTAINERS

PRESMA, non standard technology

PRESMA, a leading manufacturer of multi-station injection moulding machines for thermoplastics, is the only company that produces specific models for the moulding of resin corks for enological use. The specific range for this field can count on 4 models based on productivity and final application. These machines are offered not only for the production of cylindrical wine corks, that can be personalized with raised logos on both sides, in two colours/materials, but also for 'T' closures used for spirits and drip caps for oils. For these last two models, considering the number of different versions with different dimensions and configurations, we designed tailor-made solutions equipped with high tech automation that guarantees constant production and quality of the product.

ROTO T1/24, the less productive model of the range, is offered as standard, XL and XXL that can be equipped with insert loaders, to allow the manufacturing of T Corks with heads up to 50mm diameter and 48 mm in height. Its main feature is the vertical mould holding table. It can be offered as a Hybrid or fully electric machine (except model XXL) that can reach a production, when moulding small corks, from 1200 to 1500 pieces/hour. For the higher injected volumes with longer cooling times the output decreases to 700/800 pieces/hour.

ROTO T1/48 V EL stems from the need to produce 'T' corks with the automatic loading of different size of plastic and wooden caps, without mould changing. The machine, which is equipped with 48 moulds for injecting the leg only, uses the cap as a sort of cover: its positioning is made through a double pneumatic slide. A suction cap picks up the insert and drops it onto the upper side of the carousel. During the injection process, a pneumatic cylinder mounted at the corresponding station, ensures the necessary contrast. The hinged type horizontal plasticizing unit is equipped with a vertical nozzle head, injecting from the bottom. This machine can also produce 'T' corks, without caps, as well as wine corks; it is possible to set different parameters on a certain number of stations which allows it to run two different kinds of cork at the same time. These are divided after the ejection process. The output is 1.000/1.400 pcs/ hour.

ROTO T2/48 and Roto T4/48 are respectively the mid to high performance models. Both solutions can be built as the "XL" version giving a maximum cork size of 38 mm diameter and 46 mm height. The quality of the moulded corks is guaranteed by the direct injection into single cavity tools. In the T2 model, the nozzles are aligned with the 48 single cavity mould holders on the carousel; the T4 machine is equipped with 4 nozzles positioned by 2 overlying carousels



Non Standard
Technology

with a total of 192 moulds. During each injection process, Roto T2/48 produces 2 corks, Roto T4/48 exactly the double. With these 2 models, it is possible to run different products such as wine corks and/or 'T'-corks in 2 or 4 colours or 1 and 2 two colour corks using different materials. If we consider single component parts, for both machines the cycle time is between 1.9 and 2.1 seconds, obtaining an hourly output of around 2500/3500 (T2/48) and 5000/7000 (T4/48).

Two new models have recently been added to the range:

the ROTO T2 / 45 which differentiates it from the tested ROTO T2 / 48 for the number of stations, the new actuation of the mold-holder table and the new mold opening / closing system, created to meet very specific needs in the production of particular caps T for spirits. As for the others, this model is also offered in the hybrid and electric version and can also be equipped for bi-material / two-color molding and with insert".

the ROTO T-8 is a small eight stations rotary machine designed for the production of samples ensuring the same molding quality as the "older sisters". Due to the few mold-holding stations with which the press is equipped and the and the necessary cooling times, productivity is significantly lower. This version is reserved for those companies that need to do molding tests, samples or even small productions and can therefore have a dedicated press without necessarily having to do it on production presses.

All the available models can be equipped with an insert loader for 'T'-cork rigid caps and with pick-and-place units to run double-colour/double component corks in automatic (only by ROTO T2 E T4 models) mode by putting the part injected with the first component into the adjacent tool and moulding -on the second component/colour. With this system, it is possible to produce corks for sparkling wine with different densities on either side and "T" corks with the "head" in a different colour. In the "fully electric" version, the drives of the "transfer" injection unit are with electro-motor driven by frequency converter for the plasticizing unit and with brushless motor for the injection cylinder. The table rotation is electro-mechanic.

The reliable "Rotologic" software, entirely developed by Presma, guarantees an optimum management of the machine functions and of the personalization requested by every single end user. Also, thanks to its set-up for modem and internet assisted remote service, it is possible to provide a just-in-time after sales service.

presma.it



RESIN CORKS by

presma
Made in Italy



Roto T1/24

Roto T1/8



Roto T1/48 V



Roto T2/45



Roto T4/48

Roto T2/48



www.presma.it



presma
SPA
Injection Moulding Machines

Via delle industrie, 8/10
21040 Torba di Gornate Olona (VA) Italy
Tel. +39 0331811611
Fax +39 0331820026
e-mail: info@presma.it - www.presma.it

**Non Standard
Technology**
for Thermoplastics and Rubber

New success for AKOMAG

In the beverage industry, the automatic washing of recycled bottles has now reached a high level of specialization. In this context, works AKOMAG, company located in Soragna (PR), able to offer a varied production, which includes bottle washing machine, rinsing machine, sterilizers for glass or PET bottles, crate washer and accessories to complement. Very large is the choice of the washer, the potential of which obviously varies in base at the model, and the ranges it is from 100 to 60.000 bph. The modular structure of all installations allows to gradually increase the functions and the level of sophistication, including special washing sections and sanitizing, automatic control of process parameters, security systems, energy recovery, reduction of discharges and automatic sanitization of the parties most important from the point of view of hygiene.

Start the washing.

At low production capacity, the range offer GENESI, available in very small dimensions in order to be inserted in any operating environment. Designed under the indication of the producers with low production capacities, the series has a simple but functional washing cycle, which lowers operating costs (water, energy, detergent) without negatively affecting cleaning bottles to recycle, the complete removal of the labels and their total evacuation outside. The particular ease of use and maintenance, increases productivity and reduces downtime.

The modularity of the GENESI series allows at the customer to "build a machine to measure", adapting it from time to time to different types of use (water, wine, oil, beer, soft drinks). Constructed in accordance with the Machinery Directive (CE), is equipped with all the accessories needed for the proper functioning: a heat exchanger built with stainless steel tubes arranged geometrically to prevent the deposit of mud or various precipitation that would compromise the performance or, alternatively, a combustion chamber built with direct burner operation. Safety guards and dust cover to protect the unloading of bottles; grouped grease; saving valve for the water network and automatic control of the presence of water in the last rinsing station; electronic speed control; electronic security on the main gearbox that stop the machine in case of overload; spray pumps with casing and impeller made in



stainless steel AISI 316 and protective filters; valves for emptying the waste paper and spray tanks; control panel adjustable, made in stainless steel; IP55 electrical plant; gauges and thermometers in visual range of the operator; setting and control of all the machine by "touch-screen".

This are the main amenities that characterize the series. The GENESI machine is also arranged for the introduction of detergent and liquid additives in the bath and in the detergent tank, disinfectants and other products in the spraying tanks. Internal spraying (made with self-cleaning rotating nozzles) and external high pressure spraying are easily removable for routine cleaning and maintenance. The loading and unloading of bottles is completely automatic, and perfectly synchronized with the movement of the main chain.

Dry cycle.

To streamline the washing cycle, the company has realized the HYDRA series, a series of fully automatic machines which comprise a first station for emptying the bottles followed by pre-washing spraying and first pre-maceration bath. This configuration helps to reduce the pollution of the detergent bath and reduce fuel consumption. The triple station for labels extracting ensures their complete detachment from used bottles, while the rotating filter displaced over the entire width of the machine ensures the evacuation outside.

The bottle washing is complete with indoor and outdoor spraying, which occurs with high-pressure cleaner distributed with rotating nozzles self-cleaning and self-centering. To complete rinsing, however, ensure the phase abatement alkalinity followed by spraying with external and internal water network. Built according to the Machinery Directive (CE) also, the series has a different predispositions that increase safety, including:

sensors for slowing down and eventually stopping the machine in case of failure or obstruction of bottles on conveyor; detergent introduction and liquid additives in the bath and other products in spray tanks; the automatic loading and unloading of the bottles is perfectly synchronized with the movement of the main chain; the economizer valve for the water network and the automatic control of the presence of water on the last rinsing station.

www.akomag.com



AKOMAG

.... THE BOTTLE WASHER



AKOMAG S.r.l.

Fraz. Diolo, 15/D - 43019 Soragna (PR) Italy - Tel. +39 0524.599097 Fax +39 0524 599012
info@akomag.com - www.akomag.com

OSTS the best services for the bottling industry

OSTS offers the bottling industry companies the best services for production line performance improvement together with innovative solutions for handling cost reduction. The long term experience of the founders and their team, makes OSTS the best partner to contact.

Spare parts supply: wide range of compatible spare parts suitable for the main manufacturers' machines and systems. All our spare parts are produced by certified suppliers, following our own technical specifications.

Modernizations and upgrades: solving solutions by means of innovative technical proposals for all inefficiencies generated by critical parts or systems on the line which may affect performance and operational costs.

Changing parts: changing parts for new labels and new containers.

Conveyors supply and accessories: supply of conveyors of bottles, cartons, packs and pallets.

Automation, wiring and elettric cabinets: utilizing components of the main brands (Siemens, Allen Bradley, BR, Beckhoff etc.), OSTS can develop and realize line automation projects based on the technical specifications requested by the customer.

Engineering and lay out: planning of complete lines. Projects to implement or relocate pre-existing lines or parts of lines. Lay out change and replacement of existing lines.

Diagnostic check-ups: our specialized technicians can provide diagnostic check-ups for single machines or for complete lines. After an accurate analysis on the maintenance status, we suggest the necessary service to be undertaken, especially carrying on work-phase coordination in order to optimize timing issues.

Maintenance: our specialized technicians carry out ordinary and extraordinary maintenance work. 

www.osts.it



OSTS il miglior partner per l'industria delle bevande

OSTS offre alle aziende del settore delle bevande tutti i servizi volti a migliorare e mantenere il rendimento delle linee di produzione nonché ad ottimizzarne i costi di gestione. L'indiscussa esperienza dei soci fondatori e dei suoi collaboratori fanno di OSTS il partner ideale da contattare.

Parti di ricambio: ricambi compatibili per macchine e impianti dei principali costruttori. I ricambi vengono prodotti da fornitori selezionati in base alle nostre specifiche tecniche.

Modernizzazioni e upgrades: sostituzione di parti meccaniche o dispositivi critici con innovative soluzioni tecniche che consentono di abbassare i costi operativi e migliorare le prestazioni.

Cambi formato: progettazione e realizzazione di attrezature per lavorare nuove bottiglie ed etichette.

Fornitura di nastri trasportatori e accessori: fornitura di nastri trasportatori bottiglie, cartoni, fardelli e palette.

Automazione, cablaggi e quadri elettrici: studio e

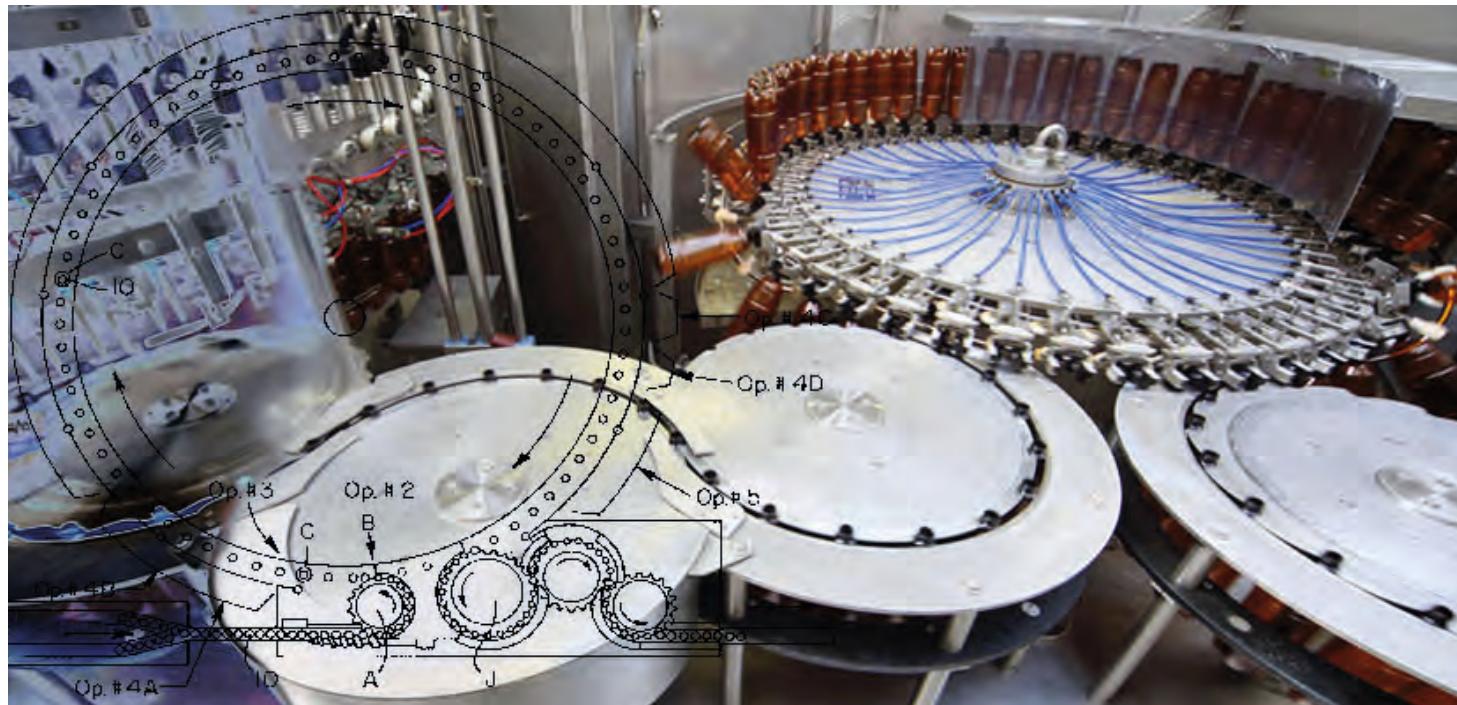
realizzazione dell'automazione di linea utilizzando la componentistica delle principali marche (Siemens, Allen Bradley, BR, Beckhoff etc.). OSTS può sviluppare e realizzare progetti di automazione sulla base delle specifiche tecniche richieste dal cliente.

Ingegneria e layout: progettazioni di linee complete, integrazioni e miglioramenti di linee esistenti, ricollocamento di linee o parti di esse. Fornitura di nastri trasportatori bottiglie, cartoni, fardelli e palette.

Visite diagnostiche: visite diagnostiche per singole macchine e per linee complete, tramite accurate ispezioni atte ad evidenziare le inefficienze di funzionamento. Diagnosi sullo stato di manutenzione e individuazione delle azioni da intraprendere per ottenere un miglior rendimento.

Manutenzione di impianti e macchine: manutenzioni ordinarie e straordinarie con nostri tecnici specializzati. 

www.osts.it



Visit the BEVIALE MOSCOW 2020

You are looking for latest developments in beverage technology, beverage production and the beverage industry specialized and tailored for the Russian market?

At Beviale Moscow, this is exactly what you will find. Here are some specific reasons why to visit Beviale Moscow:

The whole process chain

From raw materials to marketing the final product and any technology or logistic aspect in between - no matter what part you are interested in, you will certainly find it at Beviale Moscow.

Beviale Moscow is the first and only exhibition in Russia covering the complete process chain for the whole beverage industry.

It is therefore certainly a highlight event for anyone involved in the Russian industry.

Global Solutions. Local Success.

Beviale Moscow is the combination of two major success factors: Long-term market growth in Russia and the obvious demand for international qual-

ity products on the one hand and on the other hand the great expertise of NürnbergMesse when it comes to serving the beverage industry.

At Beviale Moscow, you can benefit from the best mixture of it: A high quality exhibition perfectly adapted to the local conditions.

Great networking. Great knowledge.

Beviale Moscow is more than a simple exhibition. A whole bundle of accompanying events and special areas give an integral picture of the status of Russia's beverage market.

Prestigious seminars such as the "VLB Seminar for Microbrewers", a vital network of supporting industry associations and special areas focusing on most demanded topics such as the "Pavilion for Wine Production & Manufacturing" or the established "CRAFT DRINKS CORNER" mix up to perfect overall network opportunities and deep contacts into the Russian beverage industry. 

english.beviale-moscow.com

New date –
New opportunities

BevialeMoscow2020

Trade fair for beverage production.
Beer | Juices | Water | Wine | Spirits | Dairy
Sokolniki, Moscow, Russia | 2-4 September



Global solutions.

Local success.

Member of the **Beviale Family**

Beviale Moscow 2020 #strongertogether

More than ever it is important to stick together and stay in touch. Reconnecting with business partners, meeting the key players and benefitting from the outcome of a personal conversation.

To name just a few of the main reasons, which make the Beviale Moscow such an unique event. Discover new trends at the fair for the Russian and Eastern European beverage industry.

Enquiries/Learn more:

T +49 911 86 06-86 84 | beviale-moscow@nuernbergmesse.de

NÜRNBERG MESSE

beviale-moscow.com

Scaglia INDEVA, safe, ergonomic and efficient handling of foods

State-of-the-art solutions to ensure productivity and quality

The food industry must operate according to strict protocols to ensure hygiene and product quality, so the choice of technologies for handling fresh, packaged and particularly fragile products is crucial. Scaglia INDEVA, an Italian company that has been developing cutting-edge solutions for material handling and factory logistics for forty years, offers a wide range of intelligent manipulators and gripping equipment that guarantee hygiene, safety and higher overall productivity for the food industry. Both the grippers and the manipulator structure, can be made entirely of stainless steel, allowing a complete and perfect disinfection of all parts at the end of each work cycle, in compliance with the food hygiene and safety regulations.

INDEVA Intelligent Devices for Handling can be supplied in different construction variants: column-mounted with base, ceiling-mounted or rail-mounted for handling loads

in confined spaces. Moreover, the wide range of standard and custom grippers allows us to provide effective solutions for various types of applications, such as emptying bags, moving meat or cheese blocks or several bottles at the same time. The auto-weight detect and balancing system, that characterizes INDEVA intelligent manipulators allows for handling different types of loads with different or varying weight, with no need of adjusting the system accordingly each time the load weight changes. This allows the operator to use the manipulator as a real extension of his arm, as smooth and at the same speed as in the manual handling without mechanical aid, but with the safety, control technology and power of an intelligent machine.

INDEVA means state of the art technologies and innovative solutions featuring a high added value that contribute to an efficient optimization of production processes. 

www.indevagroup.com



Scaglia INDEVA, movimentazione sicura, ergonomica ed efficiente di generi alimentari

Soluzioni all'avanguardia per garantire produttività e qualità

L'industria alimentare deve operare secondo rigidi protocolli per garantire l'igiene e la qualità dei prodotti, pertanto la scelta di tecnologie per la movimentazione di prodotti freschi, imballati e particolarmente fragili è cruciale.

Scaglia INDEVA, azienda italiana che da quarant'anni si occupa di sviluppare soluzioni all'avanguardia per il material handling e la logistica di fabbrica, offre una vasta gamma di manipolatori intelligenti e attrezzature di presa che garantiscono igiene, sicurezza, nonché miglioramento della produttività generale per l'industria alimentare. Gli attrezzi e l'intera struttura dei manipolatori, possono essere realizzati interamente in acciaio inox, consentendo una completa e perfetta disinfezione di tutte le parti al termine di ogni ciclo di lavoro in conformità alle normative in ambito di igiene alimentare e sicurezza. Gli Intelligent Devices for Handling di INDEVA possono essere forniti in varianti costruttive differenti: a colonna con basamento, con montaggio a soffitto oppure a rotaia per movimentazioni in spazi ristretti.

Inoltre la vasta gamma di attrezzi di presa standard e custom ci consente di fornire soluzioni efficaci per svariate tipologie di applicazioni: dallo svuotamento di sacchi, allo spostamento di carni, dalla movimentazione di più bottiglie contemporaneamente, allo spostamento di grandi e pesanti forme di formaggio.

Il sistema auto-bilanciante che caratterizza i manipolatori intelligenti di INDEVA permette la movimentazione di diverse tipologie di carichi senza che l'operatore debba preoccuparsi delle variazioni di peso che intervengono durante la movimentazione. Questo permette all'operatore di utilizzare il manipolatore come una vera e propria estensione del proprio braccio, con la fluidità e velocità dei movimenti della movimentazione manuale senza ausilio meccanico, ma con le sicurezze, la tecnologia di controllo e la potenza di una macchina intelligente.

Tecnologie dalle elevate prestazioni e soluzioni innovative in grado di apportare un notevole valore alle aziende del settore e un'ottimizzazione dei processi produttivi. 

www.indevagroup.it



INDEVA®
INTELLIGENT DEVICES FOR HANDLING

www.indevagroup.com

INTELLIGENT DEVICES FOR HANDLING

- Movimentazione ergonomica, affidabile e igienica degli alimenti
- Un solo operatore necessario per la movimentazione: distanziamento sociale assicurato
- Sistema auto-bilanciante, non servono preimpostazioni del peso
- Pulizia e disinfezione degli attrezzi assicurata grazie alla possibilità di struttura ed attrezzo in acciaio inox

Dal 1970...

soluzioni all'avanguardia per il material handling e la logistica di fabbrica.



TECNOIMPIANTI WATER TREATMENT:

environmental solutions and innovations

With more than 35 years of experience and the development of proprietary patents and licensed technologies, Tecnoimpianti Water Treatment provides "turnkey" solutions and systems in the treatment of emissions and environmental constraints. Our products meet the highest quality standards of international manufacturing regulations. Experience, attention to technological development, product and process innovation are always taken into consideration in the design and manufacture by our team of designers and qualified operators, to offer a "tailor-made" product of high quality and reliability. We design and manufacture our systems according to the specific needs of our customers. From the research and design stage to the construction and installation of the technological systems, our team of experienced engineers will follow you to provide you with the utmost expertise. With over 300 systems installed in the world, TWT will be your reference and will assist you

with an attentive after-sales maintenance service. TWT provides technological solutions for the following fields of application:

- Treatment plants for the food industry using resins
- Industrial recovery plants of polyphenols
- Natural colours extraction plants
- Fruit juice and must demineralization plants
- MINISTAB line plants, ecological products, emissions from mills, odour reduction, agro-alimentary emissions
- Scrubbers in thermoplastic material for the treatment of odour, vapour and air emissions
- Waste water plants
- Microfiltration and Ultrafiltration plants
- Removal of iron, manganese arsenic and other heavy metals.
- Providing Solutions. 

www.tecnoimp.com



Tecnoimpianti
Water Treatment

TECNOIMPIANTI WATER TREATMENT:

soluzioni ambientali innovative

Tecnoimpianti Water Treatment, con oltre 35 anni di esperienza e l'utilizzo di brevetti proprietari e tecnologie licenziate ottimizzate per le specifiche esigenze, vi offre soluzioni e impianti "chiavi in mano": trattamenti efficaci ed affidabili per il controllo delle emissioni ed il rispetto dei vincoli ambientali. Le nostre realizzazioni rispondono ai più elevati standard di qualità delle normative di fabbricazione internazionali. L'esperienza, l'attenzione allo sviluppo tecnologico, all'innovazione di prodotto e di processo vengono costantemente inserite nella progettazione e fabbricazione dal nostro team di progettisti e operatori qualificati, per offrire un prodotto "su misura", di elevata qualità e affidabilità: i nostri impianti sono progettati e realizzati per ogni specifica esigenza del cliente. Dalla fase di studio e di definizione del processo, fino alla progettazione di dettaglio e alla realizzazione e installazione degli impianti tecnologici il nostro team vi seguirà per fornirvi la massima confidenza nel prodotto fornito. TWT con oltre 300 impianti installati nel mondo, sarà il vostro

riferimento e vi seguirà con un servizio post vendita di manutenzione TWT fornisce soluzioni tecnologiche per il trattamento:

- Impianti a resine di valorizzazione dei sottoprodoti alimentari
- Impianti recupero e concentrazione polifenoli
- Impianti per estrazione di coloranti naturali
- Impianti per purificazione succhi di frutta e rettifica mosto
- Impianti linea MINISTAB prodotti ecologici, emissioni da mulini, riduzioni odori, emissioni agroalimentari
- Torri scrubber in materiale termoplastico per trattamento emissioni odorigene, vapori e aria
- Acque reflue
- Microfiltrazione e Ultrafiltrazione
- Rimozione selettiva inquinanti per rimozione ferro, manganese, arsenico e metalli pesanti
- Providing Solutions. 

www.tecnoimp.com

Impianti a resina per applicazioni alimentari.



#Providing**Solution**

- Tecnologia innovativa
- Unità modulari mobili e flessibili
- Funzionamento automatico con touch screen
- Possibilità di telecontrollo e telegestione dell'impianto da remoto (PC o Smartphone)
- Recupero e valorizzazione dei sottoprodotto delle lavorazioni alimentari
- Certificazione alimentare dei componenti utilizzati
- Filtrazione diretta in continuo con diverse funzionalità
- Impianti pilota e studio di fattibilità



Tecnoimpianti
Food Technology
www.ministab.com

Soluzioni tecnologiche per riduzione emissioni.

#Providing**Solution**



- Impianti di trattamento acque primarie e reflue industriali
- Abbattimento odori e riduzione emissioni odorigene industriali
- Scrubber, abbattitori e strappaggio ammoniaca
- Test di fattibilità con impianti pilota industriali



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Tecnoimpianti
Water Treatment
www.tecnoimp.com

ICI CALDAIE, since 60 years your experts in solutions of excellence

ICI CALDAIE is a company founded in 1958 which has always focused on energy management and heat production, and has become a leading point of reference among the companies operating in the sector of steam generators for industrial processes and heating. Our headquarters and representation offices in Russia, Belarus, Kazakhstan, Romania, Poland, UK, USA, China and Singapore and our longstanding official dealers in many other countries of the world enable us to be close to the customers who choose our solutions and to accompany them with competence through the study, dimensioning or renewal of their plant.

Our generators are appreciated in the world because they have demonstrated:

- performances superior to 100% also for steam generators, thanks to the exploitation of technologies of condensation of gases, deriving from our know-how in the commercial sector, with a yearly reduction of

fuel consumption up to 22%;

- reduction of yearly electricity consumption up to 90% thanks to the internal design of integrated systems and to the competence in our proposals of revamping and optimisation of existing plans;
- Nox emissions < 18 mg/Nm³ due to several R&D projects and to the cooperation with international partners;
- the possibility to work automatically and safely with no need of supervision;
- user friendly use and control;
- the option of remote monitoring in order to optimize the service operation with no need of on-location technical interventions

We have developed specific products for dedicated applications in the food industry, integrated systems able to satisfy even the largest demand for steam, with solutions complete and tailored to this sector. 

Follow us on LinkedIn or at www.icicaldaie.com



ICI CALDAIE, da 60 anni specialisti in soluzioni di eccellenza

ICI CALDAIE è un'azienda fondata nel 1958 da sempre focalizzata nella gestione energetica e nella produzione del calore, diventata punto di riferimento tra le aziende operanti nel settore dei generatori di vapore per processi industriali e riscaldamento. La nostra presenza con sedi dirette e uffici di rappresentanza in Russia, Bielorussia, Kazakistan, Romania, Polonia, Gran Bretagna, USA, Cina e Singapore, e storici distributori ufficiali in svariati altri paesi del mondo ci permette di essere vicini ai clienti che scelgono le nostre soluzioni ed accompagnarli con competenza nello studio, dimensionamento o rinnovamento dell'impianto.

I nostri generatori sono apprezzati nel mondo perché hanno dimostrato:

- rendimenti superiori al 100% anche per generatori di vapore, grazie allo sfruttamento delle tecnologie di condensazione dei fumi derivanti dal know how nel settore commerciale, con conseguente riduzione dei consumi di combustibile annui fino al 22%;

- riduzione dei consumi elettrici annui fino al 90% grazie alla progettazione interna di sistemi integrati ed alla competenza nelle proposte di revamping ed efficientamento di centrali esistenti;
- emissioni di NOx < 18 mg/Nm³ grazie a svariati progetti in ambito R&D e alla collaborazione con partner internazionali;
- possibilità di funzionare in maniera automatica e sicura senza la necessità di supervisione;
- semplicità di uso e regolazione;
- possibilità di essere supervisionati da remoto in modo da ottimizzare le operazioni di assistenza senza la necessità di interventi dei tecnici sul posto.

Abbiamo sviluppato prodotti specifici per applicazioni dedicate all'industria alimentare, sistemi integrati in grado di soddisfare anche le richieste di vapore più gravose, con soluzioni complete progettate su misura per questo settore. 

Seguici su LinkedIn o su www.icicaldaie.com

YOUR EXPERIENCE. OUR TECHNOLOGY.



Steam and superheated water boilers for food industry

Whatever your specific sector in the food and beverage industry, your treasure is the recipe and results you've achieved after years of research and innovation, searching for the best ingredients and processes. Considering the way you transfer heat to your product, how you clean, how you sterilize, will all make the difference and contribute to achieve the result you are looking for. For 60 years we have worked to innovate and develop our solutions for the food and beverage industry, with an holistic approach which includes the knowledge of your specific requirements. Your experience. Our technology. Amazing results.

F.B.L., machines and equipments for the food industry

F B.L. FOOD MACHINERY S.R.L. is located in Sala Baganza (PR). We have started our activity in 1970 and now, with over fifty years of experience, we are a leading company in the food packaging sector specializing in filling bottles, cans and jars. We offer a wide range of stainless steel machines with high technological and manufacturing know-how and are able to meet our multiple customers' needs.

We are specialized in the manufacturing of the following machines:

- Complete packaging lines;
- Automatic and semi-automatic depalletizers;
- Blower machines driven by compressed air, steam or water;
- Vibrating linear filling machines to fill containers with olives, onions, cucumbers, artichokes, capers, mushrooms, cherries, mixed vegetables, etc;

- Rotative lowerator machines for vegetables;
- Rotative vacuum fillers to fill containers with liquid products such as as olive oil, brine, vinegar, syrups, sauces, etc;
- Linear and rotative piston fillers to fill containers with dense or semi-dense food products such as jam, sauce, honey, cream, ketchup, mustard, mayonnaise, etc;
- Automatic linear capping machines ideal to close glass containers with twist-off caps of different dimensions;
- Pasteuriser and cooler machines;
- Vacuum detectors;
- Linear and curvilinear conveyor belts;
- Automatic and semi-automatic palletizers;
- Robot pal-depal. 

www.fbl-it.it



F.B.L., macchine e impianti completi per il settore alimentare

F B.L. FOOD MACHINERY s.r.l. con sede a Sala Baganza (PR) è presente sul mercato dal 1970. Grazie a 50 anni di esperienza siamo leader nel settore per il confezionamento di prodotti alimentari in vasi, bottiglie, lattine. L'azienda è in grado di offrire un'ampia gamma di macchine, costruite interamente in acciaio inox, ed elevato know-how tecnologico e produttivo capace di soddisfare le diverse esigenze del mercato.

Progettiamo inoltre macchine speciali sulla base delle diverse esigenze dei clienti:

- linee complete;
- depalettizzatori automatici e semi-automatici;
- soffianti per insufflazione di aria, acqua o vapore in contenitori vuoti;
- riempitrici lineari a vibrazione per il riempimento di olive, cipolline, cetriolini, carciofi, capperi, funghi, ciliegie, verdure miste ecc;
- tamponatrici rotative per prodotti vegetali ido-

nee alla pressione verso il basso del prodotto che fuoriesce dal bordo del contenitore;

- colmatrici rotative sottovuoto per il riempimento di prodotti liquidi quali olio, salamoia, aceto, sciroppi, salse ecc;
- dosatrici a pistoni lineari e rotative per il riempimento di prodotto densi o semi-densi quali marmellate, salse, miele, creme, ketchup, mostarde, maionese, ecc;
- capsulatrici lineari per la chiusura sottovuoto di bottiglie/vasi in vetro con capsule twist-off di varie dimensioni;
- tunnel di pasteurizzazione/raffreddamento;
- controlli vuoto e presenza capsula;
- nastri trasportatori lineari, curvilinei e di accumulo;
- palettizzatori automatici e semiautomatici;
- robot di palettizzazione/depalettizzazione. 

www.fbl-it.it



DOSATRICE ROTATIVA A PISTONI
ROTARY PISTON FILLER

PND, technologies tailored to the global market

Specialisation, customer care, continuous innovation, custom technology and an extensive knowledge of international markets are just some of the features that have enabled PND srl to be among the leading companies in the world in the construction and sale of fruit processing machinery. This experience has, in 19 years of activity, allowed PND to make continuous improvements to the machinery in its extensive catalogue, which includes advanced solutions for the processing of pears, apples, kiwis, oranges, grapefruits, lemons, pineapples, lemons, mangoes, strawberries and peaches, with all possible variations in order to meet the needs of companies producing fresh products in the production of 4th Range (Salad and Produce) fresh products, the canning industry (jam and canned peaches in syrup), and the dried and frozen sectors. One example is the PL6M, a semi-automatic peeler with six processing heads, initially dedicated to peeling mango: nowadays it is also able to peel kiwi. The advantages of PL6M, that is: adjusting the peel thickness, managing the produc-

tion speed and the rotation of the fruit through an inverter, associated with the possibility of processing fruits of different calibre without any adjustment and with fast maintenance, are now available for both mango and kiwi. When choosing one of the 15 semi-automatic machines, manual or automatic ones in the PND catalogue, you are choosing a standard machine that can be tailored to your needs. One example is the new coring - ring machine mod. DRR, which is capable of coring and slicing apples and peaches, with a minimum round cut thickness: 2 mm. The loading plate rotates at regular steps, so that when the plate stops, the three work operations of manual loading, coring and slicing are carried out at the same time. Relying on PND means having access to personalised assistance anywhere in Europe, USA, Canada, Brazil, Chile, Argentina, Peru, South Korea, Egypt, Tanzania, Australia, China, Turkey, United Arab Emirates and Qatar. At the website www.pndsr.it, in addition to viewing the product catalogue, it is also possible to consult the calendar of international trade fairs. 



PND, tecnologie su misura per il mercato globale

Specializzazione, cura per il cliente, continua innovazione, tecnologia su misura e grande conoscenza dei mercati internazionali, consentono alla PND srl di essere, nel mondo, una delle aziende leader nella costruzione e commercializzazione di macchine per la lavorazione della frutta. Esperienza che, in 19 anni di attività, permette alla PND di apportare continue migliorie ai macchinari presenti nel suo ampio catalogo dove si trovano soluzioni avanzate per la lavorazione di pere, mele, kiwi, arance, pompelmi, limoni, ananas, limoni, manghi, fragole e pesche, con tutte le possibili varianti per soddisfare i bisogni di aziende produttrici di prodotti freschi di IV Gamma, il settore dell'industria conserviera (marmellate e pesche sciropate), dell'essiccato e del congelato.

Un esempio è dato dalla PL6M, pelatrice semiautomatica con sei teste di lavorazione, inizialmente dedicata alla pelatura del mango: da oggi in grado di pelare anche il kiwi.

I vantaggi della PL6M, ovvero: regolare lo spessore della buccia, gestire la velocità di produzione e la rotazione del frutto tramite inverter, associati alla pos-

sibilità di processare frutti di diverso calibro senza alcuna regolazione e veloce manutenzione, sono ora a disposizione sia del mango che del kiwi.

Chi sceglie uno dei 15 macchinari semiautomatici, manuali o automatici che siano, presenti nel catalogo PND, sceglie una macchina standard che può essere adattata alle proprie esigenze.

Come la nuova detorsolatrice – rondellatrice mod. DRR in grado di detorsolare e tagliare le mele e le pesche a fette, spessore rondella minimo: 2 mm. La piastra di carico ruota a passi intervallati: quando la piastra si ferma, avengono contemporaneamente le tre operazioni di carico manuale, detorsolatura e taglio a fette.

Affidarsi a PND significa avere assistenza personalizzata ovunque in Europa, Stati Uniti, Canada, Brasile, Cile, Argentina, Perù, Corea del Sud, Egitto, Vietnam, Tanzania, Australia, Cina, Turchia, Emirati Arabi e Quatar.

All'indirizzo www.pndsr.it oltre a poter visionare il catalogo prodotti è possibile consultare il calendario di appuntamenti fieristici internazionali. 



FRUIT PROCESSING MACHINERY

TAILORED TECHNOLOGIES



www.pndsrli.it

EXHIBITIONS



NTE Process, research, innovation and customer care: the key to the success of nte process

NTE Process is a Single Source Provider that can drive its customers in all phases of design, supply and innovation of industrial plants thanks to patented proprietary technologies and international partners. The NTE Process Research and Innovation Centre in Pessano con Bornago (Milan) is equipped with a 1:1 Pilot Plant to test the technologies in first person, perform both scientific tests (basic fluidity, aeration, consolidation, etc.) and full scale tests with customers' products (atomization, drying, solid-liquid mixing, parallel processing, pneumatic conveying, etc.) to best simulate the performance of the different technologies in real conditions and to have a predictive analysis of performance, energy consumption and all the details necessary for the correct design of industrial plants and complex technologies necessary for the development of increasingly high performance and customized raw materials and finished products.

"Customer caring is at the heart of our work: the process and design of each plant are defined and calibrated according to the specific needs of each customer." - explains

Emanuele Fratto, Corporate Sales Manager NTE Process

- We perform tests in the presence of our customers, we share videos and streaming, we provide detailed reports for performance analysis and preliminary plant design. But putting the customer at the center means more: we are particularly proud of our Customer Care service that assists our customers in the best management and maintenance of the plant". One of the flagships solution of NTE Process - which has developed over 10 patents in recent years - is the dense phase pneumatic conveying system with Air Assist® technology: a latest generation solution that allows to optimize the control and speed of the products thanks to the use of Artificial Intelligence Air Assist® M533, strategically positioned along the conveying pipe. A choice that allows continuous monitoring of line pressure and flow: a reduction in air consumption (up to 70%*); an increase of system efficiency (+40%*); no product deterioration or segregation; self-diagnosis and self-learning systems. 

* Results achieved on specific plant configurations.



NTE Process, ricerca, innovazione, cura del cliente: le chiavi del successo di nte process

NTE Process si presenta sul mercato come Single Source Provider per accompagnare i propri clienti nella progettazione, fornitura e innovazione di impianti industriali grazie a tecnologie brevettate proprietarie e partner internazionali. Presso il Centro Ricerca e Innovazione NTE Process (Milano) - dotato di un Impianto Pilota in scala 1:1 - è possibile testare in prima persona le tecnologie, eseguire sia test scientifici (fluidità di base, aerazione, consolidamento, ecc.) che test full scale con i prodotti dei clienti (atomizzazione, essiccazione, miscelazione solido-liquido, parallel processing, trasporto pneumatico, ecc.) per simulare la resa delle diverse tecnologie in condizioni reali ed avere un'analisi predittiva delle performance, dei consumi energetici e di tutti i dettagli necessari alla corretta progettazione degli impianti industriali.

"L'attenzione al cliente è al centro del nostro lavoro: il processo ed il design di ogni impianto vengono definiti e calibrati sulla base delle specifiche necessità di ogni cliente. - spiega Emanuele Fratto, Corporate Sales Manager NTE Process - Eseguiamo test in presenza dei

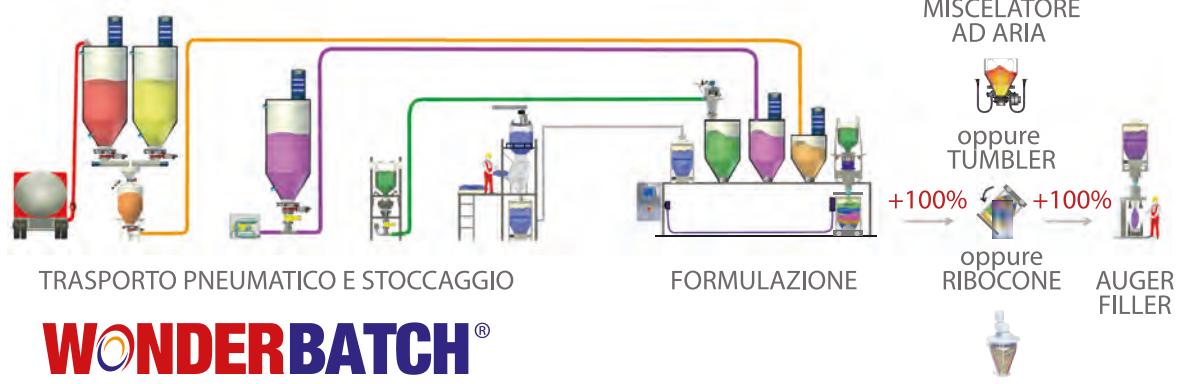
nostri clienti, rendiamo disponibili video e streaming, forniamo report dettagliati per l'analisi delle prestazioni e la progettazione preliminare dell'impianto. Ma mettere il cliente al centro non significa solo questo: siamo particolarmente orgogliosi del nostro servizio di Customer Care che assiste i nostri clienti nella gestione e manutenzione ottimale dell'impianto". Uno dei fiori all'occhiello di NTE Process - che solo negli ultimi anni ha sviluppato oltre 10 brevetti - è il sistema di trasporto pneumatico in fase densa con tecnologia Air Assist®: una soluzione di ultima generazione che permette di ottimizzare il controllo e la velocità del prodotto trasportato grazie all'uso degli Artificial Intelligence Air Assist® M533, posizionati strategicamente lungo la tubazione di trasporto. Una scelta che consente un monitoraggio continuo della pressione e del flusso di linea; una riduzione del consumo d'aria (fino al 70%); un aumento dell'efficienza del sistema (+40%*); nessun deterioramento né segregazione del prodotto; auto diagnosi del sistema e self-learning. 

* Risultati raggiunti su specifiche configurazioni di impianti.

SOLUZIONI DI PROCESSO PER L'INDUSTRIA ALIMENTARE

PARALLEL PROCESSING

- Manipolazione flessibile e agile delle polveri mediante IBC
- Preparazione di ricette disaccoppiata dalla miscelazione
- Rapido cambio delle ricette
- Batching automatico
- Tracciabilità Batch e Sicurezza - Nessun Errore
- Assemblamento in Fabbrica & Pre-Cablaggio



GEA: homogenization technology

GEA is the technological leader for dynamic high pressure homogenizers and plungers pump in several different industries and applications. Homogenization is a key well known process in dairy, food & beverage industries, nevertheless new markets are growing thanks to continuous innovation and research.

New products such as cellulose and carbon nanotubes arouse more and more interest as well in this scenario. Higher stability on products is one of the most important effects achievable through this process.

The stable emulsion which is delivered as outcome, is a viscous final product characterized by enhanced organoleptic properties, taste, glossy colour and shelf-life.

The passage through the homogenizing valve enable to avoid separation phenomena on particles, increase the digestibleness of processed products and the assimilation of the nutritional principles, especially for infancy and functional food industry.

Wide range of homogenizers

GEA can offer a complete range of high pressure homogenizers, from laboratory up to industrial scale, providing more than 300 options to satisfy market's and customers needs. All the machines meet the most stringent hygienic requirements and quality control systems. All homogenizers are CIP and SIP'able and are available with cGMP documentation.

The new GEA XStream Lab Homogenizer: the XStended version of innovation

GEA XStream Lab Homogenizer is table top unit designed to carry out tests in laboratory and be prepared to scale up to the industrial production the consistent results that NiSoX-Valve provides for many and different applications. The ergonomic design of this machine conceived for a perfect fit on standard lab desks ensures smart and easy operating conditions. The most innovative advantages of this homogenizer are the intuitive PLC configuration and the self adjusting pressure feature, which provide optimized high quality efficiency with 100% trials repeatability thanks to automation.¹ The GEA XStream Lab Homogenizer it's a safe, smart and simple homogenizer with high level of automation.

The new GEA Homogenizer Compression Block NiSo-CLEAN 2.0

If hygenic design and excellent high pressure performanc-



es are what you're looking for, Ariete Series homogenizers configured with the improved compression block NisoCLEAN 2.0 are the right solutions to meet your requirements. This optimized configuration has been conceived in order to satisfy the increasing food & beverage market's demand and improve cleanability procedures, optimizing easy maintenace of the machine and always ensuring reliability.

Industrial homogenizers

Ariete Series homogenizers are the state-of-the-art technology for powerful, reliability and customized solutions and they are suitable for several industries. These are ideal to process dairy, food, beverage, pharma, biotech and chemical products.

The homogenizing pressure can reach 1500 bar depending on specific liquid end design and configuration. The homogenizers from the One Series combine convenience and absolute quality to deliver unmatched benefits. These 3-piston homogenizers are manufactured to ensure easy maintenance and simple installation into small-medium productions of dairy products, beverages and soft chemicals.

Laboratory homogenizers

Pilot plant homogenizers are designed for continuous operation up to 1500 bar and limited productions easy plug & play installation, simple operation and quick maintenance. Table-top homogenizers are compact machines ideal for the treatment of nanoparticles, nanodispersions and nano-emulsions up to 1000 bar.

Customer collaboration

The close collaboration with important customers R&D centers, and continuous improvements on production technologies, allow the company to invest in close collaboration with customers which lead to the continuous implementation of innovative and tailor-made solutions.

The recently refurbished Process Technology Center is a unique resource to test homogenization technology, refine receipts, develop high efficiency homogenizing valves and evaluate the performance of installed machines. We are glad to be able to offer to customers more comfortable meeting rooms and cutting edge instruments. Highly qualified staff can support customers in the development of new products, to test maximum process efficiency conditions and product scalability to industrial production processes.

Discover more on gea.com/homogenizers



Boost up the taste of nature

Discover GEA homogenizers.
The highly customized process solutions
that ensure excellence in food products.

- Improved organoleptic properties
- Longer shelf-life
- Reduced use of additives or stabilizers
- Reduced oxidation and alteration processes
- Improved viscosity, mouth feeling and taste
- Aseptic execution available

COLUSSI ERMES: for environmental protection

Colussi Ermes is global leader in the design and production of tailor made washing machines for the food industry, having realized over 5000 machines worldwide. Experience, research and know-how have all contributed to ensuring that the company, over the years, has become specialised not only in the bakery, confectionary, chocolate, meat, dairy, fruit & vegetables, poultry and fishery sectors but also in more complex fields such as the pharmaceutical, hospital, logistics and automotive sectors. A modern and dynamic brand, showing an exceptional capability of addressing a constantly changing market. Values such as innovation and organization to guarantee competitiveness, flexibility and quality for absolute environmental protection. Colussi Ermes has always been a synonym of excellence – excellence in industrial washing. Innovative design, rounded shapes, accurate details, high efficiency and ongoing research for perfection in order to achieve the absolute hygiene. Today, Colussi Ermes is a company which exports all over the world, extensively in many countries. Spain, Germany, Australia and North America are the markets where we constantly reach the most important sales targets. Furthermore, with the aim of strengthening entry into the

American market, Colussi Aws Inc. has been established in California, together with an all-American brand.

Advanced solutions, with unique and exclusive features: The main goal of the company is that of fully meeting our customers' expectations, committed to understanding their requirements, combining that commitment with a journey whose final destination is that of having created a fully "customized" system. Furthermore, proposing innovative washing solutions and systems which represent a concrete source of savings of water, energy and chemicals. Colussi Ermes always has the right solution for any washing requirements, as it is able to customize the system on the basis of the production or efficiency values required: from washing, drying, automation to food processing. **Saving resources:** Large and small companies working in the food market and using COLUSSI ERMES machines have been able to achieve extraordinary advantages such as: · dramatic energy and chemical savings · environmentally friendly wash operations · reduced wash time vs. very high hygienic and sanitary standards · increased production capacities and safety · better working performance of their staff. 

www.colussiermes.com



COLUSSI ERMES: per il rispetto dell'ambiente

Colussi Ermes è leader nella produzione di impianti di lavaggio per l'industria alimentare, con oltre 5.000 installazioni realizzate in tutto il mondo. Esperienza, ricerca e know how, hanno portato nel corso degli anni ad una specializzazione, oltre che nei settori del cioccolato, dolciario, carne, caseario, ortofrutticolo, avicolo e ittico, anche ai più complessi settori farmaceutico, ospedaliero, logistico e automotive. Un marchio moderno, dinamico e veloce nell'interpretare un mercato in continua evoluzione. Valori come innovazione ed organizzazione per garantire competitività, flessibilità e qualità all'insegna del rispetto dell'ambiente. Da sempre la Colussi Ermes è sinonimo di eccellenza, l'eccellenza nel lavaggio industriale. Design innovativo, linee arrotondate, cura del dettaglio, massima efficienza e ricerca continua della perfezione per il conseguimento dell'igiene assoluta. Oggi la Colussi Ermes è un'azienda che esporta in tutto il mondo e quasi capillarmente in molti paesi. Spagna, Germania, Australia e Nord America i mercati dove raggiungiamo traguardi commerciali sempre più significativi. Al fine di potenziare la penetrazione nel mercato Americano, inoltre, viene fondata in California la Colussi Aws Inc. e un marchio tutto americano.

Soluzioni avanzate, con caratteristiche uniche ed es-

clusive: L'obiettivo principale che muove ogni attività dell'azienda sta nella completa soddisfazione del cliente, con l'impegno di cogliere le sue esigenze affiancandolo in un percorso che ha come punto di arrivo la realizzazione di un impianto "su misura". Proporre inoltre soluzioni e sistemi innovativi per il lavaggio che rappresentino una concreta fonte di risparmio idrico, energetico e chimico. La Colussi Ermes ha sempre la risposta giusta per qualsiasi necessità di lavaggio, perché è capace di customizzarlo anche sulla base dei valori di produzione o di efficienza richiesti: dal lavaggio, all'asciugatura, dall'automazione al trattamento del prodotto alimentare. **Massima efficienza energetica e produttiva:** piccole e grandi industrie del settore alimentare che utilizzano ogni giorno gli impianti progettati e costruiti dalla Colussi Ermes, hanno potuto constatare nel tempo notevoli vantaggi, come ad esempio: · una sostanziale riduzione dei consumi energetici. · una riduzione dei tempi di lavaggio, mantenendo comunque elevati gli standard igienico-sanitari. · il massimo rispetto delle normative ambientali. · un incremento della capacità produttiva. · un impiego più razionale ed economico del personale dedicato alla gestione dell'impianto. · una maggiore sicurezza per le persone. 

www.colussiermes.com



COLUSSI ERMES

Advanced Washing Systems

Large capacities of up to 6,400 crates/hour, speed and perfect drying, these are just some of the features which, together with the possibility of treating crates of different types, set the new generation Colussi Ermes centrifugal dryers apart from the rest.

Continuous innovation over the years has led not only to the creation of ever more powerful spin dryers with increased performance levels, but also to the birth of the "super-compact" spin dryer for crates; a machine able to combine large drying capacity with a minimum footprint.

The Colussi Ermes crate spin dryers can be included in existing systems as well as new installations; a design which has been designed in terms of the footprint and the parts, allowing it to be adapted to extremely limited areas.

Tailor-Made Washing Solutions

COLUSSI ERMES is a worldwide leader in the design and manufacture of custom made washing systems in various food sectors, such as the bakery, confectionery, chocolate, meat and dairy, and also in logistics, pharmaceutical, hospital and automotive Industry.

Every project is extensively studied, customized and developed by Colussi Ermes specialists in order to ensure the highest investment payback in terms of productivity, functionality and safety, thus reducing both energy expenditure and environmental impact.



Colussi Ermes - Via Valcunsat 9
33072 Casarsa della Delizia (PN) Italy
Tel: +39 0434 86309
www.colussiermes.com



ALLEGRI, flexible hoses for the food industry

PTFE liner hose smoothbore inside, convoluted outside white (GP) or black antistatic (AS), with 316 Stainless steel wire helically wound into convolutions.

316 stainless steel braid covered with a white silicone rubber cover "Platinum Cured" marked in accordance with EN16643.

W. PHARMA N hose is designed for use in high purity Pharmaceutical, Biotech, Chemical and Foodstuffs,

where easy of cleaning the hose is required, both internally and externally.

The same is also versatile for other types of industrial applications, in particular where they have passages of fluids and gases at high temperatures. Hose conforms to FDA norm 

www.allegricesare.com



ALLEGRI, tubi flessibili per l'industria alimentare

W.PHARMA T

Tubo a parete liscia interna corrugata esternamente in PTFE bianco (GP) o nero antistatico (AS), con filo in acciaio Inox 316 avolto ad elica nel profilo esterno. Rivestito da una treccia in acciaio inox 316 ricoperta da una guaina esterna liscia in silicone bianco "Platinum Cured" marcata in accordo con norma EN16643.

Tubo a parete liscia interna corrugata esterna in PTFE bianco (GP) o nero antistatico (AS), con filo in acciaio Inox 316 avolto ad elica nel profilo esterno.

Ricoperto da una guaina esterna liscia in silicone trasparente "Platinum Cured" marcata in accordo con norma EN16643.

Il suo particolare design è stato realizzato per colmare le mancanze dei convenzionali tubi in silicone nelle applicazioni ove la gomma siliconica interna è soggetta a reazioni chimiche a causa dei fluidi di passaggio, reazioni che possono degradare il silicone interno o contaminare il liquido stesso.

W.PHARMA T è stato progettato per usi non gravosi ad alta igienicità dove la pressione di esercizio non è elevata; è infatti particolarmente adatto nelle applicazioni farmaceutiche, Biotech, chimiche e alimentari grazie al suo notevole grado di pulizia sia interna che esterna.

È inoltre usato in applicazioni industriali generiche, specialmente per passaggio di liquidi caldi i gas. Tubazione conforme alle norme FDA

W. PHARMA N

Tubo a parete liscia interna corrugata esterna in PTFE bianco (GP) o nero antistatico (AS), con filo in acciaio Inox 316 avolto ad elica nel profilo esterno.

Rivestito da una treccia in acciaio inox 316 ricoperta da una guaina esterna liscia in silicone bianco "Platinum Cured" marcata in accordo con norma EN16643.

Il tubo W.Pharma N è stato progettato per usi ad alta igienicità farmacologica, biotecnologica, chimica e alimentare, in tutte quelle applicazioni dove la FACILE PULIZIA sia interna che esterna è necessaria, diversamente dai tubi in gomma è possibile STERILIZZARLI A VAPORE OGNI QUAL VOLTA SI VOGLIA, senza degradazione del tubo stesso.

È inoltre idoneo per altri tipi di impieghi industriali, in particolare dove si hanno passaggi di fluidi e gas ad elevate temperature e nei quali ci possono essere rischi di ustioni al contatto; per esempio tubi per il trasferimento di olio caldo o vapore. Tubazione conforme alle norme FDA 

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MACHINES AND EQUIPMENT for food processing and production hygiene

NOWICKI SRL puts a particular emphasis on providing top quality products and the most advanced technological solutions. We are flexible in supplying custom-made systems, reliable in quality and service. Our main goal is to satisfy the customer's needs at the highest level.

Machines for meeting your needs The highest quality for you

The crucial aim of the NOWICKI's activity is to satisfy the customer's needs at the highest level.

NOWICKI SRL is a distributor for Italy of approximately 20 series of types comprising almost 150 models of machines for meat and food processing as well as complete, technological lines for individual applications.

We can offer highly advanced technologies of cutting, machining, plastic forming as well as on repeatable assembly operations. All of them are carried out with

professional, digitally operated machines which are supervised by the computer quality control system; for example machines for water cutting ("Water Jet"), for plasma cutting, laser cutting, machines with numerical control: turning lathes, CNC millers, advanced semi-automatic welding machines and assembly stations. Every step of production process of the machines we sell is subject to quality control which begins with raw materials delivery (testing of hardness, testing of conformity of material composition and dimensions), include all manufacturing operations and it is finished with final quality control of ready machines in operation. All the quality control system is supervised by a computer system which eliminates defective materials, components and semi-finished products so that the highest quality elements are directed to the assembly lines. 

www.nowickisrl.com



MACCHINARI E ATTREZZATURE per la preparazione alimentare e l'igiene nella

NOWICKI srl è in grado di offrire macchinari e attrezzature di grande affidabilità per la preparazione alimentare e fornisce efficaci soluzioni integrate per qualsiasi processo di lavorazione.

NOWICKI srl si pone come obiettivo principale la fornitura di prodotti e macchinari di alta qualità fornendo soluzioni tecnologiche fra le più avanzate. Siamo flessibili nella fornitura di sistemi su misura estremamente affidabili in termini di qualità e servizio. Il nostro obiettivo principale è soddisfare al meglio le esigenze del cliente.

L'azienda è in grado di offrire circa 20 serie di tipologie di macchinari che comprendono quasi 150 modelli progettati e costruiti per la lavorazione di carne e alimenti, oltre a linee tecnologiche complete per applicazioni mirate, una gamma di macchinari basata su tecnologie all'avanguardia e altamente avanzate di taglio, lavorazione e confezionamento.

Ogni fase del processo di produzione dei macchinari che trattiamo è soggetta al controllo della qualità

che inizia con il controllo delle materie prime (test di robustezza, test di conformità della composizione e delle dimensioni

del materiale), e finisce con il controllo finale della qualità dei macchinari svolto tramite test funzionali. Tutto il processo di controllo della qualità è supervisionato da un sistema informatico che elimina materiali e componenti difettosi, oltre a prodotti non lavorati a regola d'arte in modo che solo gli elementi che raggiungono gli standard di massima qualità siano diretti alle linee di assemblaggio e costruzione.

NOWICKI srl è concentrata verso la qualità e l'affidabilità dei macchinari che offre nel suo catalogo. L'Azienda è sempre alla ricerca di nuove soluzioni volte a offrire la maggiore affidabilità possibile, ad offrire il miglior servizio ai propri clienti e riuscire a prevedere le future esigenze del mercato per soddisfare ogni richiesta. 

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MACHINES AND EQUIPMENT

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Increase in visitors at **Pacprocess India, Food Pex India** and the parallel **Drink Technology India** trade fair

Indian interpack alliance trade fairs well-established in New Delhi

The second edition of the combined interpack alliance trade fairs pacprocess India, food pex India and the parallel drink technology India trade fair organised by Messe München was well received by visitors. Every year, the trade fair trio alternates between event locations Mumbai and New Delhi and is accompanied by an extensive conference programme.

9,925 visitors came to the Pragati Maidan exhibition centre in New Delhi from 12 to 14 December – around 2,000 more than attended the debut in India's capital two years ago. 201 exhibitors presented their offerings across a total of 11,400 square metres (gross).

At the second Packaging Design, Innovation and Technology conference (PDIT2), 35 speakers offered visitors a substantial wealth of knowledge. The topics ranged from packaging design and sustainability to smart packaging. India is also affected by the growing pressure on the industry to ensure packaging is recyclable and reusable. At the same time, the food industry benefits from more sustainability thanks to the increasing use of packaging that extends shelf-lives, reduces food waste and increases food safety. PDIT2 aspired to provide sound information on each topic and to avoid superficial sales presentations. The conference was organised by IPP Star in cooperation with the Active & Intelligent Packaging Industry Association (AIPIA) and in its second year, PDIT2 was held in New Delhi for the first time.

"In combination with the conference offer, the consortium of pacprocess India, food pex India and drink technology India, which is organised by our colleagues at Messe München, represents a unique knowledge and business platform for the industry in India. The alternating locations Mumbai and New



Delhi ensure ideal market coverage for the subcontinent," says Bernd Jablonowski, Global Processing & Packaging, in summary.

pacprocess India and food pex India take place annually in combination with the drink technology India trade fair by Messe München.

Connecting the three trade fairs offers benefits for exhibitors and visitors alike, as the shared location allows them to exploit synergies: Combined under one roof, the trio presents the entire range of packaging and associated processes (pacprocess India), food and confectionery processing and packaging (food pex India) as well as beverage, milk and liquid food technologies (drink technology India).

This in turn makes this trio the leading event in the region.

Pacprocess India and food pex India are supported by a wide range of associations, some of which are national, among them the Authentication Solution Providers' Association – ASPA, the Plastics Machinery Manufacturers Association of India – PMMAI,

The All India Glass Manufacturers' Federation – AIGMF, the Trade Promotion Council of India – TPCI, and the Indian Paper Corrugated & Packaging Machinery Manufacturers' Association – ICPMA. International associations are also involved, among them the VDMA, the Metal Containers Manufacturers Association – MCMA, Flexible Packaging Europe, the Istanbul Chemical & Chemical Product Exporters' Association – IKMIB, the Global Aluminium Foil Roller Initiative as well as amec envasgraf and CCPIT.

This year, the trade fair trio pacprocess India, food pex India and drink technology India will take place at the Bombay Exhibition Centre in Mumbai from 9 to 11 December 2020. 

www.pacprocess-india.com



pacprocess food pex

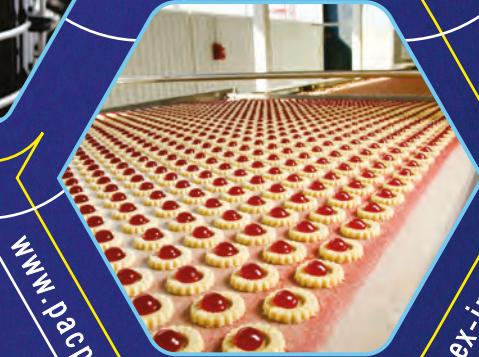
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The top quality **INDUSTRIAL MIXERS**

Escher Mixers specializes in the production of mixing machinery for the bread and pastry-making sectors. Over the years we have gained specialized knowledge that has allowed us to develop machines and solutions to meet the needs of a variety of clients and different types of markets. Our machines are renowned for their sturdiness, durability, accurate finishes, and for the quality of the dough they produce.

BAKERY Equipment

We propose Spiral and Wendel mixing concepts. Both solutions can be with removable bowl through a Patented® bowl locking and motion system MR-MW Line or bottom discharge system MD-MDW Line with conveyors belts or bowl lifters which can be matched with automatic solutions with linear system and storage of the resting bowls in vertical or linear storages, rotating automatic systems-carousel, scraps recovery systems, transverse hopper systems and star-cutting /

guillotine / roller with guillotine and other customized solutions.

PASTRY Equipment

The range of Planetary Mixers with double tool for the pastry industry is characterized by the lack of oil lubrication systems, improving hygiene and reducing machine maintenance. A wide range of interchangeable tools is available for different uses and doughs. For industrial productions, we have developed the PM-D Line with independent tool movement, with individual speed regulation and the possibility to reverse the motion. While the PM-DB Line with the bridge structure allows automatic insertion of the ingredients, air insufflation to reduce mixing times and increase volume, dough processing with negative / positive pressure and cleaning through CIP washing system. Various bowl discharge options are available. 

www.eschermixers.com

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mixers

| MISCELATORI INDUSTRIALI di alta qualità

Escher Mixers è specializzata nella produzione di macchine per l'impasto e la miscelazione, nei settori della panificazione e della pasticceria artigianale ed industriale. Negli anni, abbiamo maturato una conoscenza specifica che ci ha permesso di sviluppare macchine e soluzioni per le necessità di una clientela variegata e per i diversi tipi di mercato. Le nostre macchine sono notoriamente riconosciute per la loro robustezza, la loro longevità, l'accuratezza delle finiture e per la qualità dell'impasto che riescono ad ottenere.

Macchinari per industria della panificazione

Proponiamo concetti di miscelazione a Spirale e Wendel. Entrambe le soluzioni possono essere con vasca rimovibile attraverso un sistema brevettato di bloccaggio e movimentazione del carrello MR-MW Line o con sistema di scarico inferiore MD-MDW Line con nastri trasportatori o sollevatori vasche in combinazione con sistemi automatici con movimentazione lineare e stoccaggio delle vasche di lievitazione su magazzini verticali o lineari, sistemi di impasto automatici rotativi, sistemi di recupero sfidi, sistemi con

tramoggia traslante e dispositivo a stella/ghigliottina/rulli e ghigliottina ed altre soluzioni personalizzate.

Macchinari per industria dolciaria

La gamma di Mescolatori Planetari con doppio utensile per l'industria della pasticceria si caratterizza per la mancanza di sistemi di lubrificazione ad olio, migliorando il livello d'igiene e riducendo la manutenzione della macchina. Una vasta gamma di utensili intercambiabili è disponibile per i diversi usi ed impasti. Per le produzioni industriali, abbiamo ideato la Linea PM-D con il movimento degli utensili indipendente, con velocità regolabili singolarmente e con possibilità di invertire il moto. Mentre la Linea PM-DB con la struttura a ponte permette l'inserimento automatico degli ingredienti, l'insufflazione d'aria per ridurre i tempi d'impasto e incrementare volume, la lavorazione dell'impasto con pressione negativa/positiva e la pulizia con sistema CIP di lavaggio. Diverse opzioni per lo scarico delle vasche sono disponibili. 

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the Industrial Mixer
technology for mixing

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TECNOPOOL TP FOOD GROUP'S "Total Processing" is an international market triumph

The success of the Group, headed by Tecnopool, is based on the pillars that characterise the individual companies: flexibility, reliability and efficiency, innovation, listening to and paying attention to clients.

Integrated and transversal solutions that become complete lines for all the different food processing. Tecnopool TP Food Group, a new world leader in the food processing equipment sector, was created with this objective, that can be summed up with the acronym "Tp". Tp also stands for Tecnopool, a Padua company whose lines for all processing food treatments can be found all over the world. It was Tecnopool, in fact, that grouped together Gostol, Tecnofryer, Logiudice Forni, Mimac Italia and Mecateck Group, companies with a strong international mission to guarantee that customers receive complete, integrated and customized solutions. Different realities are united by the awareness that the best innovations come only from uniting skill and intuition, that in today's

increasingly more global market the most ambitious challenges can only be overcome together. The pillars are the same ones that characterised the growth of each company over the past decades: flexibility, reliability and efficiency, innovation, listening to and paying attention to customers. The numbers – an overall turnover of more than 100 million Euros, eight production units in four countries and more than 500 employees – are the accelerator for Tecnopool TP Food Group's continual global development, as is proven by the success of the Group at the main international trade shows. This success is headed by Tecnopool, which is obtaining approval from different sectors: in addition to the traditional bakery sector, it is answering the growing demand for meat and vegetable processing technology. This is because its in-house patents can be adapted to suit all food processing systems, guaranteeing maximum productivity, quality of the product, lower energy costs and easy maintenance. 

www.tecnopool.it



Il "Total Processing" di **TECNOPOOL TP FOOD GROUP** conquista i mercati internazionali

Il successo del Gruppo, trainato dalla capofila Tecnopool, si fonda su pilastri che caratterizzano le singole aziende: flessibilità, affidabilità ed efficienza, innovazione, ascolto e attenzione al cliente.

Soluzioni integrate e trasversali che trovano forma in linee complete per tutte le diverse fasi di preparazione degli alimenti. Tecnopool TP Food Group, nuovo leader mondiale delle linee per il food processing equipment e la produzione di prodotti da forno, nasce con questo obiettivo, sintetizzato nell'acronimo "Tp" che sta anche per Tecnopool, azienda padovana presente in tutto il mondo con i suoi impianti progettati per il trattamento termico degli alimenti. È stata infatti Tecnopool a raggruppare intorno a sé Gostol, Tecnofryer, Mecateck Group, Logiudice Forni, Mimac Italia, tutte imprese dalla forte vocazione internazionale acquisite con l'obiettivo di garantire ai clienti soluzioni complete, integrate e su misura. Realtà diverse accomunate dalla consapevolezza che le innovazioni migliori nascono solo unendo competenze e intuizioni, che in un mercato sem-

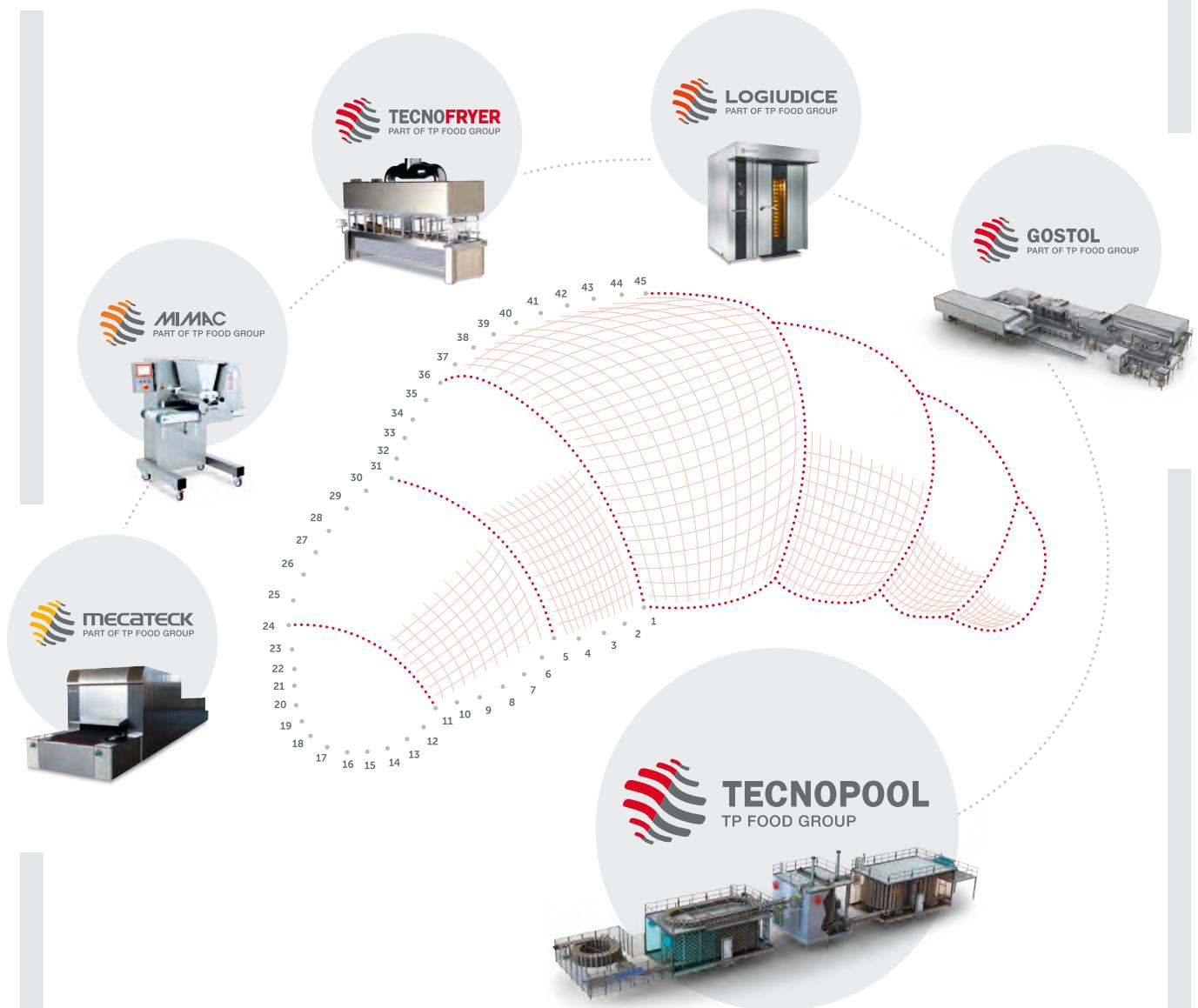
pre più globale solo insieme si possono vincere le sfide più ambiziose. I pilastri sono gli stessi che hanno caratterizzato la crescita di ciascuna azienda negli ultimi decenni: flessibilità, affidabilità ed efficienza, innovazione, ascolto e attenzione al cliente. I numeri - un giro d'affari complessivo superiore ai 100 milioni di euro, otto unità produttive in quattro Paesi e oltre 500 dipendenti - sono l'acceleratore per il continuo sviluppo che Tecnopool TP Food Group sta registrando a livello globale, come testimoniano i successi registrati nelle principali fiere internazionali. Un successo trainato da Tecnopool, che sta riscuotendo consensi in diversi settori: oltre a quello tradizionale del bakery, sta rispondendo alla crescente domanda di tecnologie per il trattamento delle carni e delle verdure. Questo perché i brevetti realizzati internamente hanno la peculiarità di essere adattabili a tutti i sistemi di lavorazione degli alimenti, assicurando massima produttività, qualità del prodotto finale, risparmio energetico e facilità di manutenzione. 

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TECNOPOOL TP FOOD GROUP

TOTAL PROCESSING



WE FIT YOUR FOOD AND CONNECT MORE THAN DOTS

We group leading companies to create the best integrated solutions for your food production.

We combine specific knowledge and listening skills of world-renowned companies and the innovation of leading companies into one large group. We offer you complete lines solutions starting from make up towards all the processing phases, from proofing to baking to cooling to freezing and handling for industrial and semi-industrial food processing.

www.tpfoodgroup.com

ANUTEC: international foodTec India

The ANUTEC - International FoodTec India co-located with PackEx India, Annapoorna - ANUFOOD India, ANUTEC - Ingredients India and Food Logistics India 2020 has been postponed. The ANUTEC – International FoodTec India that was planned in Mumbai from September 23-25, 2020 has been postponed to a new date i.e. November 26-28, 2020. This is how Koelnmesse India is responding to the increasingly acute global situation around the recent occurrence of the coronavirus. In addition to many states in India already hit by the virus, Maharashtra has now become one of the leading Indian state affected by cases of infection. The Ministry of Health are also convening to discuss the current situation and possible measures in response. Moreover, since last weekend, exhibitors from the food industry have reiterated their concerns for the health of their employees and the possibility of their participation in social platforms. In view of these current developments at "ANUTEC - International FoodTec India" co-located with PackEx India, Annapoorna – ANUFOOD India, ANUTEC – Ingredients India and Food Logistics India 2020, the management team at Koelnmesse India has reassessed the current situation and set the new date in consultation with the venue and the industry. Over 1000 exhibitors, including around 200 from overseas countries, are expected to attend the ANUTEC – International FoodTec India 2020, India's leading innovation and business platform for the food industry that is held every two years in Mumbai.

In view of the increasing spread and keeping up with the current situation developing around Covid -19 that's causing all organizers to postpone / cancel their exhibitions in India, Koelnmesse YA Tradefair has decided to postpone the co-located fairs – ANUTEC International FoodTec India, PackEx India, ANUTEC Ingredients India, Annapoorna ANUFOOD India & Food Logistics India. Very precautionary travel restrictions have announced by the Union Health Ministry, Government of India which have tightened the entry conditions across all states, making it impossible for overseas exhibitors and trade visitors



to participate/attend the fairs for business currently. The well-being of all visitors, exhibitors, buyers and all our stakeholders is our topmost priority. In light of the COVID-19 outbreak and after careful consideration, we have made this decision to reschedule the trade-fairs to November, 2020.

ANUTEC - International FoodTec India, PackEx India 2020, Annapoorna ANUFOOD India, Food Logistics India & ANUTEC Ingredients India will now be held from 26 - 28 November 2020.

The Indian Government is taking this very seriously and has an active surveillance and screening system for disease control, thanks to its experience in dealing with medical conditions such as SARS, MERS, avian flu and others.

The latest advisories are available and published by the Ministry of Health and family welfare- government of India <https://www.mohfw.gov.in/>

The signed agreement will remain in effect, as we are simply rescheduling the event. If the exhibitor does not indicate that they are no longer interested in participating in the event, based on the new date, all the arrangements will remain in place. Revised dates / stand confirmation will be sent in due course.

ANUTEC-International FoodTec India, PackEx India 2020, Food Logistics India, Annapoorna ANUFOOD India, ANUTEC Ingredients India representatives are in contact with all exhibitors to discuss their participation at the rescheduled dates, accordance to the relevant terms and conditions outlined in the legal binding contract. We will work closely with you to provide a strong support network, following the rescheduling of the event. 

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All About Food

India's international exhibition
on food & beverage trade and retail market

November 26-28, 2020

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AGROPRODMASH:

a perfect business development tool

Russia's best, according to the Russian National Exhibition Rating, international exhibition for equipment, technologies, raw materials and equipment for the food processing industry. Agroprodmash will run at EXPOCENTRE Fairgrounds, Moscow, Russia, on 5–9 October 2020.

Manufacturers and suppliers of equipment, technology and ingredients for the food and food processing industry, who intend to enter the markets of Russia, the CIS and the EAEU, choose Agroprodmash.

EXPOCENTRE has created a unique and strong brand uniting equipment, ingredients and integrated technology solutions for 30 sectors of the food and food processing industry under one roof.

Agroprodmash brings together more than 900 exhibitors from 33 countries, including global leaders in manufacturing equipment and solutions for the food industry from Germany, Italy, Denmark, Spain, Austria, the Netherlands, Switzerland, the USA, Belgium, and France.

Every year, the trade show is attended by more than 26,500 professionals from 74 countries.

Agroprodmash has a great number of advantages and is unique because it showcases equipment, technologies and solutions for every step of food production and distribution from manufacturing of raw materials and ingredients to production of final products, packaging, quality control, refrigeration, storage, and logistics.

Every year, the show welcomes new exhibitors and features world and Russian premiers of equipment and technologies.

What is currently in demand?

In the difficult time we all are going through right now, the Agroprodmash team sees that businessmen want to find new points of growth. What is in demand?

- Automation, robotics and digitalization. Any crisis calls for optimization. Investing in new technologies helps to increase production and decrease expenses. Besides, machinery and equipment do not catch and transmit viruses dangerous for people.



- Packaging and packaging equipment. The current pandemic calls for significantly greater standards for packaging. Today, unpackaged products will no doubt lose competition to packaged ones.

- Ingredients. The demand for ingredients has never really declined. However, many people will be tired of common day-to-day food after the home isolation period. The lack of experiences will make consumers search for new tastes. It will be one more challenge to manufacturers.

- Components. The present situation calls for minimizing expenses. But production needs equipment. If it can't be replaced, it has to be repaired. Components and spare parts come to aid! The demand for them is increasing.

Service quality requirements are also growing.

Now, in the Russian Development Strategy for the Food and Food Processing Machine Building until 2030, the Rosspsmash Association states that large Russian enterprises of the food processing industry show demand for foreign-made equipment. As a rule, the industry's enterprises have enough financial resources to update production facilities.

The main criteria for selecting equipment are its high performance and power capacity.

Over 25 years, Agroprodmash has become a well recognised and respected business platform for the food and food processing industry.

That is why the show has such a large geographic coverage. Every year Agroprodmash accommodates more than 26,500 professional visitors from 74 countries and all regions of Russia. It is a must-attend event for top managers (CEOs, chief engineers and technologists) of the industry's enterprises. Agroprodmash is a place where talks are held and contracts are signed.

The 25th edition of the Agroprodmash International Exhibition for Equipment, Technologies, Raw Materials and Ingredients for the Food Processing Industry will run at EXPOCENTRE Fairgrounds, Moscow, Russia, on 5–9 October 2020. 

Learn more at

www.agroprodmash-expo.ru/en/facts_market/



AGRO PROD MASH

Two facts about
the Russian market
you should know

Growing interest in high-tech
equipment and ingredients

43,000 food processing enterprises
2/5 require upgrading
2/3 of equipment is imported

Agroprodmash is the Russia's
largest food processing exhibition*

930+ companies from 33 countries
26,600+ professional visitors from
all over Russia and 74 countries
77% of visitors are decision makers
or influencers
92% of exhibitors are satisfied with
the quality of sales leads and results
from exhibiting

Exhibition
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25th ANNIVERSARY
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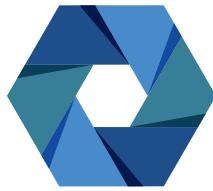
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