



Gulfood Manufacturing: World's largest food and beverage processing and packaging show

Gulfood Manufacturing, known as the biggest food and beverage processing event in the region came up with over 26,000 visitors from over 150 countries took place from October 29-31 at Dubai World Trade Centre. Divided into the three segments Ingredients Middle East, ProPack Middle East and Food Logistics Middle East, the event provided valuable insights into the latest trends with regard to ingredients, manufacturing processes, food processing, logistics, storage and

packing of food products. Showcasing 81,000 square meters of processing technology so manufacturers can produce faster, cheaper and better.

The global packaging companies at the sixth edition of Gulfood Manufacturing were showcasing an abundance of sustainable packaging products this year, which were in line with changing consumer trends. Sheikh Ahmed bin Saeed Al Maktoum, president of the Dubai Civil Aviation Authority

(DCAA), inaugurated the event, along with three other sector-specific global food trade platforms at the Dubai World Trade Centre (DWTC).

Held under the umbrella of the Gulfood power brand, which is preparing to celebrate its 25th anniversary in 2020, the four trade platforms have attracted more than 2,800 collective exhibitors, highlighting the rapid transformation and exhaustive opportunities available for smart FMCG innovators and early

adopters across a multitude of food-influenced industries, including retail, hospitality, aviation and more.

Launched in 2014, Gulfood Manufacturing is a sector-specific trade exhibition for ingredients, processing, packaging and food logistics providers who service the rapidly growing food and beverage production industries established in the Middle East, Europe, Africa, Far East, and Sub-Continent. The event provides food manufacturers with the ingredients, equipment and business improvement tools that enable more efficient production and distribution. Gulfood Manufacturing has five focused sectors namely Ingredients, Processing, Packaging, Automation and Controls and Supply Chain Solutions. Gulfood Manufacturing 2019 was held from 29–31 October 2019.

Gulfood Manufacturing 2019 was also outlined opportunities in the transformational global F&B industry. The sixth edition of the region's leading F&B processing and packaging forum opened on 29 October has brought together more than 1,600 local, regional, and international exhibitors and thousands of industry professionals. In the event, the accompanying conference was aimed at illustrating the benefits that may result from business relationships with partners from the MEASA region. On the whole, the event was a good opportunity to gain

a foothold in new markets and establish new contacts. The exhibition center in the strategically located city of Dubai was well connected to all public means of transport.

As the UAE and other GCC economies seek to diversify further into non-oil sectors, manufacturing is playing a greater role, with food and beverage leading the charge. According to data from Dubai Exports, the UAE alone is home to approximately 575 active manufacturing units, with a total investment of USD10.7 billion, a number that is forecast to continue its sharp increase over the next five years. Furthermore, the UAE, in collaboration with Saudi Arabia, has invested USD1.3 billion in several food security initiatives that open several market opportunities for the packaging industry across the GCC.

Having established a reputation as the primary platform for F&B supply chain operators to conduct multimillion-dollar business transactions, the 2019 edition has also upgraded opportunities available to both exhibitors and visitors with a full spectrum of initiatives, from tailored Gulfood Manufacturing Connexions Meetings Programme, Innovation Tours, Ingredients Lab, Gulfood Manufacturing Industry Excellence Awards, and the addition of an all-new Manufacturing Advice Centre.

During the event, the Innovation Tours have served as the perfect network-

ing platform, providing visitors with the chance to sample breakthrough products fresh out of food laboratories. The best food production showcases were on display as the tours promise a crucial glimpse into real-life innovations at work inside some of the region's top, award-winning food factories.

Alongside the extensive product and business facilitation program at Gulfood Manufacturing 2019, the exhibition also hosted the Gulfood Manufacturing Foodtech Summit. The Summit brought together international F&B experts, industry leaders, key decision-makers, and innovators to discuss the market, developments, and the latest solutions to help the F&B industry improve quality, productivity and efficiency. Speakers like Brad Barbera, Director of Innovation and Senior Advisor – The Good Food Institute; Johan Nilsson, Vice President Industry 4.0 Solution & Digital, TetraPak; Abdelghany Eladib, COO Middle East and Africa of SIG Combibloc Obeikan and Samir Moftah, Director Research and Innovation, Quality and Food Safety, Danone and among others addressed the gathering during the summit. The holistic approach to the F&B industry platform is just one of the reasons why the three-day mega event continues to attract the biggest names from around the world. ♦



Gulfood Manufacturing Industry Excellence Awards Winners 2019

Gulfood Manufacturing Industry Excellence Awards reward the best practices and innovation in the food manufacturing industry value chain; an integral part of Gulfood Manufacturing, the biggest food processing industry event of its kind in the MEASA region. The Gulfood Manufacturing Industry Excellence awards highlights era of innovation in regional food manufacturing industry.

Held in the evening of Gulfood Manufacturing exhibition, the Gulfood Manufacturing Industry Excellence Awards 2019 rewarded best practices and innovation across the food manufacturing industry value chain. Chosen from more than thousand exhibitors at this year's Gulfood Manufacturing event, the awards recognised transformative breakthroughs and new technologies from future-thinking food industry innovators, encompassing health, safety, environmental awareness, ingredients and technological development.

Categories were open to all exhibitors at the show, with entries judged by an international panel of qualified experts who represented the food processing and packaging industries, graphics experts, equipment suppliers, academia, the trade press, governmental, environmental and trade organisations.

This year's awards were divided into six categories: Most Innovative Food Ingredient (General); Most Innovative Health Ingredient; Top packaging Innovation (Creativity/Design); Most Innovative Processing Solution; Top Futuristic Technology "Future in Focus"; and Environmental Award of the Year.

The transparent and highly-regulated judging process based its decisions on



four main criteria. Innovation/originality focused on the integration of new technology, the creativity level during development processes, and transferability. Efficiency/cost reduction looked at an increase in quality, reduction in waste, clean and efficient energy consumption and increased production and/or distribution efficiency. Health & environmental focused on the concepts of sustainability, wholesomeness, clean, health and benefits for the greater good. And customer centric examined marketability, commercialization and success rate.

In the category for Most Innovative Food Ingredient (General) – the award was collected by Polypan Group S.A. for its Flavomix AX 200. With health and wellness a continuing regional and global trend, the second innovative ingredient category - Most Innovative Health Ingredient – focused on ingredients from a health perspective, looking at clean label, nutrition and healthy eating. The award went to Bunge Loders Croklaan for its Couva 806 NH, Cocoa Butter Replacer.

The award of 'Top Packaging Innovation' was collected by Tetra Pak for its Tetra Classic Aseptic 65ml cube. This product resulting in more efficient and productive operations for food producers, while meeting the needs of consumers for environmentally-friendly packaging.

The Most Innovative Processing Solution was awarded to DC Norris and Company Ltd. for its Jet Process System Generation 4. While the 'Top Futuristic Technology Future in Focus' Award was taken by GEA Food Solutions for its GEA CookStar with Super Heat Smoke.

The final award on the evening recognized companies' efforts to improve their impact on the environment. It examined the best food processing technologies to support the wellbeing of the planet and its occupants, taking sustainability, energy efficiency, and a reduced carbon footprint into account. The award was presented to Multivac Middle East FZE for its product Multivac Paper Board.◆





Left to Right: Mazen Kanaan, Marketing Manager - TMEA with Dominique Floch, Regional Sales and Technical Director, Turkey, Middle East and Africa, Tate & Lyle.

“Tate & Lyle showcases latest innovation in calorie reduction solutions at Gulfood”

**Interview: Dominique Floch,
Regional Sales and Technical Director,
Turkey, Middle East and Africa, Tate & Lyle.**



What is new in this exhibition?

It is our 6th year at the exhibition and we have progressed considerably since we first exhibited in 2014. This show is very much our strongest show in the region and we are participating in a greater volume and new technologies. The shift in the food industry towards calorie and sugar reduction solutions is being taken seriously, with new technologies developing day-by-day. In the Middle East, new technologies and solutions in the sugar reduction space are increasingly less of a choice, and more of a need.

Does it seem that there is a lifestyle change taking place at this moment?

Yes, it is. The food industry is getting more and more complex nowadays, with a lot of change taking place, so we need to have the right development technology and right service to be successful in the market. We are very well positioned to support the industry as it adapts to change.

Are you getting any feelings from the Pakistani market about this sugar reduction?

Yes, we do, because the food industry connections that have been built between the Middle East and Pakistan are very strong. While this is a relatively early development within the Pakistani food industry, our business and expertise is mature and continuously growing, and our level of customer satisfaction remains high. Innovations like sugar reduction are gaining more interest in Pakistan, and we expect this to keep growing.

What sectors in Pakistan do you cater to at the moment?

We are particularly active in the beverage and dairy industry. That's the beauty of our product offering, that we can cover most food applications, which gives us a big advantage.

What about the Bakery industry?

Yes, we have solutions for bakery, and we also have a strong expertise and interest in condiments, sauces and beverages. The baking industry is very big industry, and we know that there is a lot of potential for us in it, so we are additionally investing in the development and the skills of our people in this segment.

How long have you been in the Middle East? What have you experienced the change over this period?

For the last 10 years, we have had a presence in this region. People are increasingly aware of health issues, and the trends confirm that people have started to consume less fat and sugar. We have also invested in our marketing capabilities in the region, so that can provide a link between the market and our products. People today are willing to curtail sugar and the amount of fats from their foods, and they require more fibre in their foods. They are also looking at the food industry to give the right solution to these problems, and this is how we can help our customers. We would like to have a stronger presence in Pakistan because there is a big potential for business. On top of all, we are also looking to get an even better understanding of the market problems, so that we can continue providing the right solutions.

Daily, new products are coming in the market like flavored milk and some new products that were not seen before. We haven't seen any sugar reduction in Pakistan but I hope that in future it will also be considered in Pakistan because of health issues.

We have a wide range of products that support consumers in making healthier choices. Today in our portfolio we have more than 25 types of different products and have the right technical team to support projects with our customers. We also have exciting expansion plans in the region over the next few years. This is a step forward for the growth of our business and to come closer to our customers in the Middle East and Africa. ♦



Exhibitors at Gulfood Manufacturing 2019

SOCAPS

SOCAPS is the worldwide leader in TECHNICAL ASSISTANCE in the Food & Beverage packaging industry, but also present in the Healthcare, Cosmetics, Energy and Aeronautics industries. Since 1984, they are assisting industrial equipment manufacturers all over the world by helping them to design, assemble, install and maintain their equipment worldwide.



They are present all over the world, with local teams in several countries and a large community of technicians ready to travel wherever they are needed. Health & Safety, Quality, Security and the respect of the environment are essential elements for them. They strive to be the best they can in each of these areas. For almost 40 years, SOCAPS has been assisting industrial equipment manufacturers and end-users to design, assemble, install and maintain their equipment all over the world.

JRI cold chain monitoring systems are among the pioneering solutions in this field

JRI designs and manufactures measuring, control and monitoring solutions for different market sectors: Healthcare, Food safety, HVAC and energy and Sprinklers industries. JRI is recognized for high quality performance in monitoring of temperature, humidity, pressure, levels, gas

THIOLAT Packaging

THIOLAT offers a range of sales point food packaging solutions. These cardboard and paper based packages are ideal for all members of the catering trade, such as bakers, confectioners, caterers, etc. The origins of the THIOLAT Company go back to 1874. Its savoir-faire in forming cardboard started with the making of hat and shoe boxes. In the 1960's the company turned its attention to bakers / confectioners with the production of cake boxes.



A responsible company with sustainable products

THIOLAT voluntarily undertakes to reduce the environmental impact linked to its industrial printing activities. We have been IMPRIM'VERT certified since 2010. Their 4 establishments in Europe and the Middle East are a manifestation of the policy and desire to develop internationally. Their multilingual sales team offers packaging solutions to suit local markets.



contents (CO₂, O₂) voltage, current, impulse, wind speed and direction, energy, water, gas consumption. They provide on-site installation of the systems and perform product trainings and calibration services.

Metarom Group

They are a leading operator in the food ingredients sector, developing flavouring solutions and made-to order caramels, working in close proximity with the customers and the preferences of end consumers. They place paramount impor-



tance on customer satisfaction via the quality of products, which are designed and produced with all due care for human safety and environmental protection. Their objective is to create value and share it: combining economic progress with social and environmental challenges, and building relationships based on trust with all the stakeholders. The company bases its success on respect for three unifying values: Durability, Safety and Ethics.

Representing a demanding industrial sector and a professional brand, METAROM Group is committed to meet-

ing its social and regulatory obligations, but also to customer expectations in terms of fairness and business ethics.

MULTIVAC Middle East

MULTIVAC is one of the leading suppliers of integrated packaging solutions with a focus on packaging, processing, portioning, labelling and marking as well as inspection and handling. They build the market position on an innovative and cutting-edge technology and a comprehensive product portfolio, as well as on a long-term expertise and experience. Their customers benefit from the profound knowledge of processes and automation, the same as from the closeness to their business.



IHSAN Sons

IHSAN Sons belongs to a 100% export oriented group and is a leading manufacturer and exporter of Cotton Waste, Surgical Bleached Absorbent Cotton, Yarns, & Nonwoven Fabrics.

IHSAN set up a modern automatic and computerized Bleaching Plant of Surgical Absorbent Cotton and Yarns outside Lahore in 1991. It has been imported from Germany. The plant comprises a laboratory with state of the art testing equipments and personnel. IHSAN con-



Sidel

People all over the world consume products packaged by Sidel Group solutions every day. Each of those packaging solutions is developed according to the goal to deliver the highest quality standards to consumers. They are a leading provider of equipment, services and complete solutions for packaging liquids, foods, home and personal care products in PET, can, glass and other materials.



There are close to 40,000 Sidel Group machines in operation in over 190 countries today. Every one of them is the result of our almost 170 years of proven experience and innovation. They continually focus on providing partners with advanced systems, line engineering and innovation that are designed with one thing in mind: to ensure the customer reach their business goals. ♦



Forma makina

Forma Makina SAN.A.Ş is a leading industrial company specialized in manufacturing flat & hollow wafer production plants, feeding automations and horizontal flowpack machines in Turkey, since 1989. The company serves the Turkish, Arabian, Russian and African Markets through providing complete solutions including the design, supply, installation and after sales services.

Forma Makina products are manufactured under licence from AFAQ AFNOR (France), the company implements high standards of quality and obtained International Compliance Certificate at Quality Management Systems ISO 9001:2000, Certification no: 2006/26181. With industry-specific experienced managers, elite engineers employed at both manufacturing and R & D departments, educated and skilled workers and high quality after sales services; the company is getting bigger day by day and elating us at all over the world. Especially the company is specialized in design and manufacturing range so that they can provide alternative solutions to customers which is still rare in this industry.

tinuous investment by adding another new and original concept of producing hydro-entangled Non-Woven fabrics from 100% cotton. The nonwoven hydro-entangled fabrics are made from 100% Cotton to cater to manufacturers of medical and baby wipes. The unit was setup at end of 2005 with highly sophisticated technology incorporated from Fleissner as well as Truetzschler and Spinnbau.

Mesan Group

For 47 years in cooling tower engineering founded in Hong Kong, MESAN is committed to providing exceptional quality equipment with optimized solutions for evaporative cooling. In 2002, MESAN USA was founded to expanding the global footprint of covering in North America, South America, Middle East and Australia.



MESAN provides the total solutions from plume-abatement, energy efficiency, noise reduction to filtration systems to contribute to a more sustainable world.

Mesan Fiberglass Engineering (International) Ltd is an Authorized Distributor of Daikin Air Conditioning Units from Japan and the Sole Distributor for Sung Il GRP Water Tanks from Korea. Nowadays MESAN Group offers market expertise in the areas of manufacturing, sales, marketing, distribution and services of HVAC products. From a single source provider to a turnkey project, Mesan provides the engineering expertise to provide optimum cooling to every application.

Latini

Latini-Hohberger Dhimantec, comprising of the Latini Products (Est. 1938), the Hohberger Products Company (Est.



1925) and the Dhimangroup (Est. 1944) is a leading global supplier to the confectionery industry, with four manufacturing plants, supplying and servicing over 40 countries. They are considered as the world's number one manufacturer of Flat Lollipop Machines and Candy Forming Machines, as far as the number of installations are concerned.

Their growing product line includes complete Batching, Blending, Cooking, Forming, Cooling, and Wrapping systems for Hard Candy; Traditional and fully automatic sugar or chocolate coating systems and the world's premier continuous fondant production system. With over 300 employees, Latini-Hohberger Dhimantec, Inc. consists of three Engineering units, a confectionery Research and Development unit cum Training centre.



DYFM

DYFM was first established in 1953 and is now in the third generation of its family-run history. Their primary aim is to manufacture the highest quality, user-friendly machinery and they are proud that the plants are in production in more than 10 countries around the world. Coming from South Korea, a nation well-known for its world class IT capability, white goods, car production and ship-building technology, they strive to reflect this 100% class-leading ethos. Meeting customers' needs is the top priority and DYFM continually invests in R & D to enhance their technological capability. ♦



FIRMENICH

Led by the passion for taste and smell, they put the creativity and innovation to work every day to delight the senses. Driven by the purpose and guided by fundamentals, they seek to enable solutions that contribute to greater health and nutrition and hygiene and sanitation, while preserving nature's most precious resources and empowering sustainable livelihoods across the value chain.

Firmenich is creators of positive emotions through the senses of taste and smell. They believe that business is a force for good, that's why they seek to enhance wellbeing across everything that they do, naturally. ♦



Novozymes

Novozymes is unique in dedication to enzymes and microbes. For more than 70 years, they work with these biological problem solvers has made a big difference to the shared world. Novozymes is committed to help solving three global challenges: Climate, Water and sustainable Production & Consumption. They have three financial targets: Organic sales growth, EBIT margin and ROIC incl. goodwill.

Baker Perkins

Throughout the world, shop and supermarket shelves are stacked with foods made on equipment supplied by Baker Perkins. In the bread, biscuit, confectionery, snack and breakfast cereal sectors, many of the world's leading brands rely on technology supplied by Baker Perkins.

Baker Perkins' equipment and service drive the production and profit at many of the world's leading food manufacturers. The company's strength lies in its process expertise, engineering excellence and extensive service philosophy, extending from design and manufacture through installation and commissioning to Lifetime Support.



MilkyLAB

Established in 1980 as a producer of machines for the dairy industry, MilkyLAB is currently a market leader in the design and manufacture of machines and automatic installations. From its location inside a major Italian dairy district, the company serves both the domestic and international markets under its own MilkyLAB trademark. Thanks to their experience and know-how, the people at MilkyLAB offer support and professional assistance in choosing the technological solutions suited to the various production requirements. ♦

HOLAC

holac Maschinenbau GmbH today is a leading, globally recognised company in the cutting-technology industry, with its headquarters in Nattheim, Germany. For over 60 years, holac has been providing solutions to cut meat, meat products, cheese, fish and vegetables.



The holac brand stands for unsurpassed precision, reliability and quality. Their experience and the creativity they apply in developing the machines always guarantee the dominant position in the global market. The company's strategy is to focus firmly on core area: cutting technology for foodstuffs. The production location of holac Maschinenbau GmbH, currently and for the future, is Nattheim, Germany. The company values are also the central success factors of its products: robustness, durability, individuality, effectiveness, value retention and leadership in technology.

TECALIT

TECALIT Srl is an Italian company which manufactures and supplies machinery for the food industry and is specialized in complete plants for the production of Pasta and Snack pellets. TECALIT Srl designs its own equipment and delivers "Turn-Key" industrial plants. They supply a number of complete State-Of-The-Art production lines. Tecalit provides the Customer a highly specialized technical



and technological service during installation and after sales. They transfer know-how and competent training to Customer's personnel.

Kohlhoff

The origin of our company was in 1976. At that time Uwe Kohlhoff founded a specialised company for sheet metal processing. Thanks to its high operational flexibility and the specialisation in the processing of stainless steel, KOHLHOFF was soon able to construct and produce custom-made articles of the most diverse kinds. An up to then very successful development resulted in the foundation of our present company in the early 1990s.



The performance focusses of the KOHLHOFF Hygienetechnik GmbH & Co. KG encompass development, production and sales of own hygiene technology machines, appliances and equipment in order to comply with the worldwide applicable regulations for personnel and industrial hygiene for food processing companies.

UGM

They are a leading German supplier of second-hand food & beverage machinery. Since more than three generations they are exporting used industrial machines, production lines and complete industrial plants out of Germany. Their main field of activity is the export of used machines to food and beverage companies.



THOMASON

Since its establishment in 1977, THOMASON is one of the leading European Industrial companies in manufacturing of all kind of Bottling Lines and its accessories for liquids - creams and powders for the Cosmetics - Pharmaceuticals - Food and Beverage - Dairy - Chemicals and Agrochemicals - Liquid Detergents - Edible Oils as well as Lube Oils .



THOMASON is one of the leading companies with clients in all over Arab Countries - Europe – Asia and USA basing the company success of being able to design and manufacture machines according to customer needs and specifications .The developing and studying of the machines is done by high skilled personnel and are under all European high standard materials according to CE regulations, manufactured for high performance, precision and efficiency.



Gatronova®

Gatronova® is a world-renowned brand of polyester products and belongs to a group of companies, G&T - Gani & Tayub. The group is in business since 1948. These seven decades of operational excellence, experience and expertise have all formed a combined strength to empower the group as a leading name in polyester filament yarn, PET Resin (Bottle, Textile and Film Grade), PET Preforms, APET Sheets, Thermoforming Products and BOPET Films in Pakistan.

Major packaging applications in which PET films are used include tea, milk powder, tomato ketchups, instant drinks, biscuits, spices, detergents and hosiery. A most modern vacuum metalizer and online coating machine is installed on their plant. This enhance barrier properties of the films and makes it versatile and flexible. It contains properties such as high strength, easy machineability, dimensional stability, surface treatability, clarity, tear resistance, moisture resistance, etc. ♦



Storci

Since 1991 they have been working in the pasta machinery sector, in the pursuit of technology and innovation, making sure that the right attention is always given to tradition. Their team consists of active and expert professionals, set in a lively and versatile organization, operating with a sole aim: Customers' satisfaction. Whether it be engineers, technologists, mechanics, designers, customer service. The staff always make sure that the possible Buyer can fully reach his goal.

FBR ELPO

The most advanced solutions in manufacturing of lines and machines for the processing of tomato and fruit, even topical. FBR ELPO designs and manufactures fully-developed, tailor-made and versatile machinery, known all over the world.



Founded in 1963, FBR started manufacturing machines for the processing of tomato and fruit, answering the specific needs of each producer and following the proper operating practices for the quality of preserves. Soon, it gained the trust of its customers both in Italy and abroad and thanks to its professionalism and reliability, earned an outstanding position on the market like the most important companies in the field.

Zilli & Bellini

Zilli & Bellini founded in 1961 designs and manufactures a wide range of machines mainly for the food industry. Today, more than 1200 Zilli & Bellini machines are working around the world. The Company designs, lays-out and installs complete lines to fill and close food products into rigid containers (glass jars and bottles, aluminium cans and metal cans, plastic jars and bottles). The container volumes range from 30 to 5000 ml for a production capacity up to 1200 cans per minute, or even more. ♦



Gorreri

The company was established in 1987 from the desire of Mr. Luigi Gorreri, actual President, to realize and customize a more than decennial experience in the engineering of confectionery production lines. It is passion and the continue need to improve that permit to the founder and Gorreri family, always present inside the company, to realize innovative and efficient machines that in few years become synonym of reliability and quality, typical of the "Made in Italy" in many countries of the world.

Bardiani

The company was established in 1981 by Emilio Bardiani – the father of Emanuela Bardiani, Managing Director,



and Luca Bardiani, the company's Chairman and CEO – to make valves for some of the most important food manufacturing companies in the area. It is the quality of solutions and services that has allowed Bardiani Valvole to reach customers operating in the same sector all over the world as well as to make quality valves for other sectors.

Iftikhar ahmed and company

IAC's core line of business is processing and selling fresh fruit, vegetable, fruit pulp, paste, fruit concentrate and clarified fruit juice concentrate. IAC is a name to reckon with in the world of horticulture produce.

Their experience is not in export alone, they are equally skilled in orchards management and pre & postharvest treatment application. Since 2004 they have diversified towards fruit and vegetable processing with the inauguration of fruit processing factory. The vast experience in the field of fresh fruits procuring and supplying enabled to setup fruits processing aseptic mango pulping plant of 10 MT/HR with the most modern equipment procured from Italian fabricators.





Tropical Food Machinery

With two headquarters in Italy and Brazil, Tropical Food Machinery offers a complete range of lines for the industrial processing of tropical fruit or temperate climate fruit, including tomato. Final product includes: concentrated or non-concentrated juice and pulp, chopped or sliced fruit, jams, puree and tomato pulp.

FPT (Food Process Technology)

FPT (Food Process Technology) is a customer and service oriented company, which is based in Bangkok. They are dedicated to provide superior complete solutions, machines, service and technology to secure future in the food industry.



ACFRI

Since 1968, ACFRI a family company, never stops to improve herself in the blast chilling and deep freezing or even crust freezing fields. Both in terms of performances, sustainability and training, ACFRI is an innovative company who will always surprise the customers you by her developments.



GEA

GEA is one of the largest technology suppliers for food processing and a wide range of other industries. The global group specializes in machinery, plants, as well as process technology and components. GEA provides sustainable solutions for sophisticated production processes in diverse end-user markets and offers a comprehensive service portfolio.



The group is a specialist in its respective core technologies and a leader in many of its sales markets worldwide. GEA consistently promotes an innovation-led culture thereby maintaining its technological edge. The company considers profitability more important than volume and practices systematic portfolio management and cost control. Active risk management, stability through diversification, and a focus on the markets of the future are binding principles for all GEA business units.



Tomra

TOMRA was founded on an innovation for return of empty beverage containers more than forty years ago. In a small shed in Asker, Norway, the brothers Petter and Tore Planke created a solution to a problem: a local grocer wanted a machine that could quickly and easily take back empty bottles. This was the beginning of TOMRA.

Tetra Pak

Tetra Pak is established in Lund Sweden in 1951, by Ruben Rausing. It starts as a subsidiary of Åkerlund & Rausing. Later on the new packaging system is presented to the press and attracts great attention. Every day, across the world billions of litres of water, milk, juice and other liquid foods are consumed. At Tetra Pak, they have developed a range of packages to protect both the nutritional value and taste of the products inside. Thanks to Tetra Pak tech-



nology, the packaging and distribution of liquid products to the consumer has been greatly facilitated.

Praxix engineering

Praxix, as the name implies, focuses on the practical application of software and system engineering technologies to solve complex problems. They combine world class engineers with proven engineering best practices, domain expertise, commercial technologies, and proven agile management approaches to provide high value consulting, and solutions aimed at helping the customer to meet their most critical business and mission objectives. ♦

