

Let Your Inspiration Flow.

The European Road Show

PART 2

Empowered by drinktec

The worldwide round trip with

PETplanet

inspired

Autumn 2021 - 2022



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Autum
2021-2022

Back to Europe!

It is time for a new start, for renewal and for developing new ways of thinking. During and, especially, after the pandemic, it will be vital to make every effort to get the global economy back on track in the medium term. Sustainability will be the key.

After the successful first part in 2020, "From Down Under to Japan", the second stage of PETplanet's bipartite Drinktec Editour takes us back to the flourishing European hub, where we will be exploring the latest technologies, news, innovations and developments that move our PET industry.



Once again, PETplanet will be a partner in Drinktec, the world's leading beverage trade fair, which is to be held in Munich, from 12-16 September 2022.

After the success of our previous Drinktec Road Shows, in 2017 in South East Asia and 2020 in Australasia, we are now back on the road, in Europe, for a whole year until Drinktec's start. With our Editourmobil, we will be ready for a new in-depth get-together with the industry. We will be revealing the results of our interviews, meetings and discussions at Drinktec with the leading thinkers in PET processing, packaging and recycling.



As well as new technologies, we will be also taking stock of how things stand in the industry. We will be asking how global thinking might change as a result of Covid-19. How will bilateral business relationships cope with the aftermath of the pandemic? What opportunities will there be for the drinks industry and its suppliers?

In these challenging times we, as the voice of the PET industry, will be at the very heart of the roadshow, as usual. We are already looking forward to welcoming you back on board the Editourmobil - on site, in person and virtually, depending on the rapidly-changing pandemic and travel situations.

Share this exciting experience with us!

Yours,

Kay Barton





Acme Drinktec Solutions LLP (ADS) was established from outset as a specialist supplier of single stage moulds for the production of PET, PP, PC and Tritan bottles.

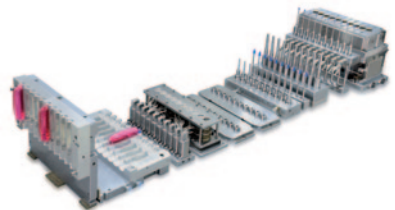
ADS is a technology-driven enterprise, led by skilled and qualified technologists. Its modern tool room houses advanced and sophisticated machinery, which is operated by qualified and trained professionals. The company in-house mould testing unit is equipped to test each and every mould it produces, to ensure optimal performance and trouble-free startup at customers' premises.

ADS established a well equipped and resourced design centre, where the latest software applications are used in product design, mould design, mould analysis, hot runner balancing, cavitation optimisation and mould process simulations.

In the space of just 30 months, ADS has successfully produced 300 moulds, including cavity enhancement and mould matrix optimisation.

ADS aims to always utilise the most up-to-date technologies to help revolutionise the PET industry through innovation and excellence in design and performance. ADS's growth strategy is founded on a highly motivated team, focused on the best ethical, environmentally friendly practices & support systems to achieve the highest levels of customer satisfaction.

www.acmedrinktec.com





Shortly after PET was developed into a container molding material, Nissei ASB Machine Co., Ltd. was founded in November of 1978 to manufacture and sell the world's first 1-Step PET injection stretch blow molding machines, along with moulds and ancillary equipment. These machines were the original "ASB Series" that remain as the company's best-selling products today.

Since day one, ASB has placed a huge emphasis on driving the PET molding market through innovative machine, mould and process design that, over the years has led to a swathe of unique patents, specialized machine series and the most versatile range of moldable container designs and molding resins achieved by any player in the industry.

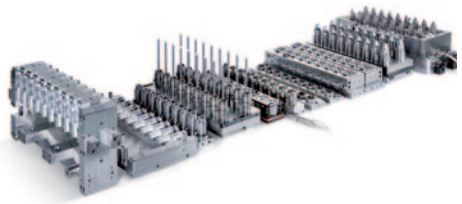


Owing to the diverse nature of products moldable by the ASB product line-up, new projects create very strong customer relationships with close technical cooperation

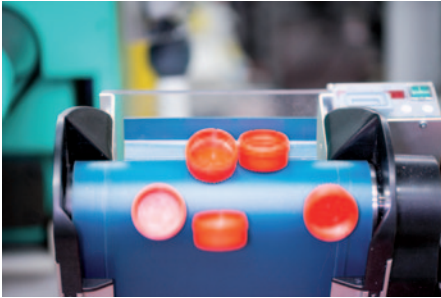


that have further aided the company to maintain a close understanding of the market needs. The company is publicly traded on the first section of the Tokyo stock exchange, but majority ownership still lies with the founding family which further enhances the "family bond" with their customer base.

The head office remains to this day in Komoro City, Japan, but in the mid-1990s it was obvious that manufacturing costs would have made the company's products uncompetitive, so a major investment was made into an overseas design and manufacturing unit near Mumbai in India. This expanded global capacity and competitiveness while allowing ASB to fully cater to the rapidly growing domestic Indian market.



The last decade has seen further strong demand so in 2018, the company completed two new factories in Japan and India to double manufacturing floorspace and set the company in a strong position for the next decade of expected growth. As an original player in the fledgling PET container industry over 42 years ago, ASB's experience maintains the company's position as world leader.



BERICAP is one of the leading manufacturers of plastic and aluminium closures for the beverage, food and industrial markets. The development of this family-run company based in the Rhineland-Palatinate region of Germany into a global champion is a genuine SME success story.

We listen – we solve – we accompany

We accompany our customers on every step of the customer journey. We listen to their challenges and focus on developing solutions to their problems. By designing and manufacturing our own moulds we have the flexibility to respond to special requirements and ensure the same specification wherever the production may be. We accompany our solutions from idea to application, and support our customers with local technical service teams.

Product development & sustainability

BERICAP operates four central R&D centres and several satellite R&D centres at individual plants. Our R&D activities primarily focus on sustainable closure solutions that contribute to reducing plastic waste, improving the entire industry's carbon footprint and creating a circular economy. Approaches to achieving these goals include the development of

lightweight designs, the use of recyclable materials such as PCR and the use of state-of-the-art, energy-efficient production equipment.

Global manufacturing platform

With 26 production sites and a presence in more than 100 countries we aim to provide our customers around the globe with the same high level of service and product performance. We continuously improve the quality of our products and we have documented best manufacturing practices. All our production sites are ISO9001/9002 and BRC-IOP or ISO22.000-certified.

Products and markets

Our goal is to cater to our customers' needs on a one-stop basis with our growing product portfolio. The acquisition of MALA has enabled us to supplement our range with aluminium roll-on caps, as well as augment our design capabilities for finishing and decoration. This extension completes our comprehensive range of closures and enables us to tailor our products even more precisely to our customers' needs, including a wide range of anti-counterfeit and product integrity solutions.

CONTEXO: HIGH PERFORMANCE AUTOMATION MACHINES FOR CAPS & CLOSURES

Contexo is an international machine builder that designs and produces technical solutions for global brands and companies. Contexo specializes in building high-performance assembly machines for mass production. Over 800 machines have been built over the years, from high-speed continuous-motion systems to the clean-room longitudinal-tacted system that produces the most complex mini-laboratory in the world. 100 machine-builder specialists continually develop existing technologies so that Contexo can bring the best technical solutions to market at the fairest prices. The assembly machines are characterized by their technical perfection, high efficiency and versatility. Up to 80 production stages can be integrated in one system. With performance capacity of up to 1,209 parts per minute, Contexo's continuous motion assembly machines are in a league of their own terms of speed and precision right across the world. Contexo offers assembly solutions for all types of caps and closures whether carton closures, PET bottles or pouches – all diameters, all technologies, all standards:

- Up to 60,000 parts per hour
- Full technology spectrum
- Minimal footprint
- Zero defects in market
- Assembly technology that treats parts gently
- Standardized machine concepts
- Expertise with rotationally asymmetrical parts.



With its highly efficient assembly solutions, Contexo achieves the highest output rates from a very small footprint. The own feeding technology allows warm parts to be fed directly from injection-molding machines. Continuous-motion systems from Contexo are capable of the highest speeds. The quality-control systems are equally well engineered. Even at output rates of over 1,000,000 parts a day, not a single defective part leaves the factory.



"We do everything we can to ensure our customers' projects are successfully realized! From our great grandfather down, we all have mechanic's hands, so all of us are constantly looking for the best solution!" – Matthias Mueller, Head of Sales.

drinktec

Let Your Inspiration Flow



drinktec has been held in Munich since 1951 and every four years since 1985. It is the most important event in the industry. Manufacturers and suppliers from all over the world, including global concerns and SMEs, meet up here with producers and retailers of all sizes in the beverage and liquid food sector. drinktec is the international place of inspiration, with world premieres and the solutions of tomorrow—across all supply markets and the entire process chain. Manufacturers showcase their latest technologies for the production, filling and packaging of all kinds of beverage and liquid food – including raw materials and logistics solutions. The themes of beverage marketing and packaging design round out the portfolio.



www.drinktec.com



EREMA Engineering Recycling Maschinen und Anlagen Ges.m.b.H.

EREMA Engineering Recycling Maschinen und Anlagen Ges.m.b.H. has its headquarters in Ansfelden near Linz in Austria and specialises in the development and manufacturing of plastics recycling systems and components. Founded in 1983, the company is now the world market leader. Some 6,500 EREMA recycling systems are now in use worldwide. With subsidiaries in the USA, China, Russia, and Africa, and around another 50 representatives on all five continents, the company has a reliable network to implement customised plastics recycling solutions for customers around the world and promote a circular economy. This is based on innovative recycling technologies for the processing of plastics in the form of in-house waste, PET, post consumer and fibres to produce recycled pellets that meet the highest quality specifications.

The product range in detail

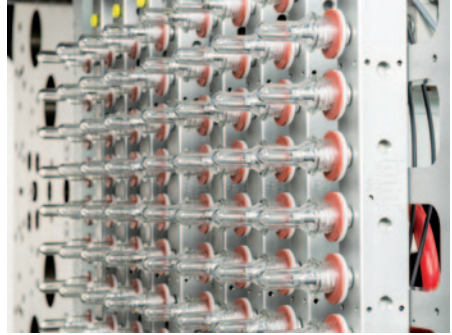
- Plastics recycling systems for standard applications and production waste
- Plastics recycling systems for heavily printed/contaminated post-consumer waste (FDA-approved for HDPE recycling)
- PET recycling systems VACUREMA® and VACUNITE® (FDA, efsa and brand owner approved, e.g. for bottle to bottle recycling)
- Inline PET applications (e.g. for fibre, film, strapping and preforms)
- COREMA® plastics recycling system for the production of highly filled and customised compounds
- Fully automatic, self-cleaning melt filters
- Pelletising systems

www.erema.com





MHT MOLD & HOTRUNNER
TECHNOLOGY AG



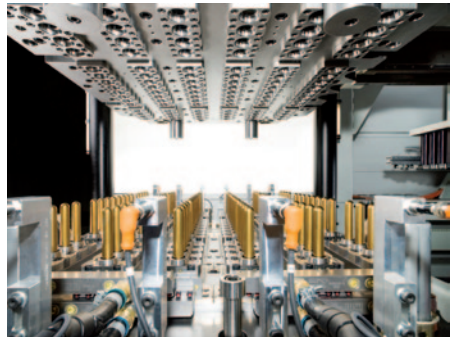
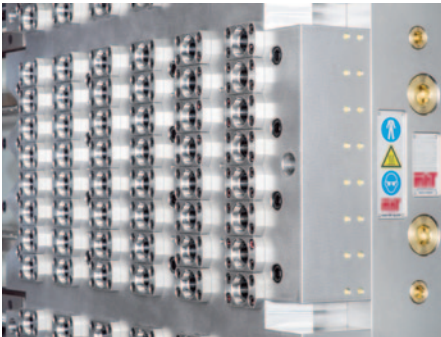
MHT Mold & Hotrunner Technology AG belongs to the Krones group and is a well-known manufacturer of precision PET preforms molds and post mold cooling solutions for all major PET systems.

We are specialists for flexibility and know what our customers require to remain competitive in the market: High output, short cycle times, low energy consumption. Since our establishment in 1996 we have exported over 2200 tools with up to 192 cavities to more than 100 countries.

Our customers include world-renowned beverage and packaging manufacturers. In our industry we are regarded as innovation drivers and have repeatedly increased maximum output quantities of preform systems by a significant amount.

Three production and service locations are operated globally by MHT including Germany, Brazil and the USA. A worldwide network of partners covering all continents guarantees the perfect customer service.

www.mht-ag.com





Otto Systems provides you with customized turnkey solutions for producing PET preforms. Swiss know-how, a unique modular approach to fabrication that features first-class components, and worldwide expertise make compromise a thing of the past and guarantee seamless, reliable operation. The company specializes in conceiving, planning and implementing first-class systems to produce PET preforms. Experienced experts uncompromisingly tailor high-quality components to specific customer needs to create optimal, top-performing systems.

Otto Systems AG exclusively utilizes high-quality components. All components are sourced either from the Swiss manufacturer Otto Hofstetter AG or other trusted partners. The machines and the surrounding systems all stem from leading suppliers. Comprehensive analysis and stress testing in the pre-production lab reduce the risk to customers to almost zero. Partners around the world provide access to expert support at the shortest notice should it be necessary.

Otto Systems AG is a company of the Otto Hofstetter Holding. The Swiss family business also owns Otto Hofstetter AG. This world-famous company is one of the most important manufacturers of injection moulds in the PET preform and packaging industries. In its more than 60 year tradition it is recognized as a benchmark for quality and high performance. Customers from the food, cosmetics and construction industries rely on the reliability of products manufactured in Switzerland. The entire process and production know-how resulting from countless projects carried out around the world by the manufacture in Uznach is embedded in the consulting and engineering services offered by Otto Systems AG.

www.otto-systems.com



Headquartered in Cleveland, Ohio USA, Pressco Technology brings unequalled experience and knowledge to the solutions we provide to the high-speed container manufacturing industry. With over 8,500 Pressco systems installed in over 84 countries worldwide, Pressco Sales and Service Engineers are strategically located in North, Central, and South America, Europe, Africa, Middle East, and the Asia-Pacific regions. Our industry-leading technical support group is available 24/7, allowing Pressco to respond quickly to customer needs worldwide.

Known for over 50 years of innovations, Pressco is recognized as the world leader in developing new vision and sensory inspection solutions to improve process control and maximize profitability for manufacturers in the food, beverage, and packaging industries. Our legacy of pioneering achievements in high-speed inspection technology grows every year, driven by customer-focused R&D efforts and cutting-edge Applications engineering, resulting in sophisticated, powerful, yet easy-to-use inspection systems.

Supported by more than 46 patents and a wealth of proprietary expertise, Pressco inspection solutions help customers reduce waste, increase uptime, and provide higher quality products to their customers. Our modular INTELLISPECT™ platform allows us to provide both standalone and completely integrated solutions to facilitate inspection all the way down to the case packer. On blow/fill lines, we can inspect from preform to filled/capped/labelled bottle – all on the same system.

This “up-and-down the line” approach leverages a single control cabinet and interface for ease of training, maintenance, and a lower TCO (total cost of ownership). As the industry increasingly heads towards vertical integration, Pressco is able to provide this comprehensive distributed inspection approach to deliver additional value by removing defective parts from the product stream before value-added operations are completed.



Pressco also provides correlation of defects at the blowmolder for mold, spindle, and transfer arm, and at the filler for filling valve and capping head. This speeds troubleshooting by quickly identifying which machine components are producing excessive defective products. This correlation data is just one small part of Pressco's commitment to Industry 4.0 technology and solutions, where the vision system plays a vital role in the fully-integrated factory of the future.

www.pressco.com



Sesotec at a glance

Sesotec customers in the food, plastics and recycling industries face the challenge of combining sustainability and profitability. With intelligent technologies and services for foreign object detection, material sorting and analysis, Sesotec contributes to resource-saving and highly efficient production. Since 1976, Sesotec has been developing and building high-tech systems for a wide range of requirements in close cooperation with customers around the world, so that products of the highest quality can be manufactured with maximum added value and waste of resources can be avoided. In this way sustainable and high-quality production pays off for people, the environment and industry.

In addition to its headquarters in Germany, Sesotec is represented by a total of six subsidiaries in Singapore, China, USA, India, Canada and Thailand, as well as by over 60 partners in all major markets of the world.

www.sesotec.com



SIDE

Our story, which began over 40 years ago, has its beginnings in the SIDE electronics division, which was related to the plastic container industry from the beginning.

Our broad knowledge of the industry and the market allowed us to create the custom-made range of plastic container blowers that we offer to our clients today, based on quality and maximum efficiency in the manufacture of packaging using PET preforms. With over 40 years of experience in the industry, we can trust our detailed knowledge of the latest technological innovations, uses and applications of PET when developing projects in the future.

At SIDE, our aim is to provide swift and personalised responses for each individual client, based on the characteristics of their products, thereby guaranteeing the best use and commercialisation of PET packaging.

Everything that we develop is designed to offer the solution that is most suitable and adequate for your needs, based on the best possible value for money, the maximum energy efficiency in our equipment, and a personalised service for PET blowers, from the start of the project up to equipment installation.

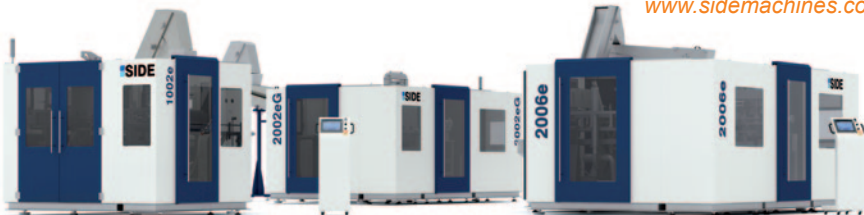


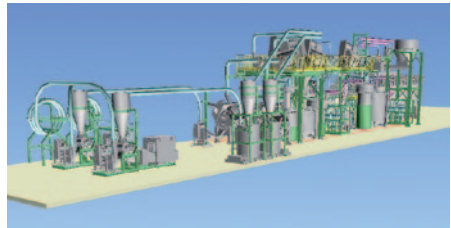
Our flexibility and ability to adapt to your needs, as well as our unique customer service and total commitment to each project and requirement, make SIDE's PET blowers service a strong partner in your plastic container production. We are defined by our commitment, professionalism and personalised service.

We always offer a high-quality solution with great service. With this in mind, every one of our PET container blowers is specially designed, and its components are selected carefully, subject to strict checks, in order to guarantee the best results in plastic container manufacture.

With productivity always in mind, we incorporate the latest technological advances in packaging manufacture to guarantee maximum performance. This philosophy allows us not only to provide solutions to current PET blower requirements, but also to anticipate what those requirements will be in the future.

www.sidemachines.com/en





In the constantly evolving world of recycling, SOREMA's philosophy is to personalize recycling technology and design efficient and flexible plastic recycling plants with production output from 500 kg /h to 9,000 kg /h.

- Recycling of PET bottles: certainly today, the main component of the recycling market, rPET has many different applications, depending on the quality of the PET bottles collected.
- Recycling of PET and PP thermoformed packaging: this is one of the most developing areas of the plastic recycling market, due to the increasing amount of thermoformed waste available.
- Recycling of rigid HDPE and PP packaging: it is becoming more and more important, representing an important part of the market.
- Recycling of flexible packaging: PE films are available in large quantities, which are along with PET bottles, one of the main sources of income in the market.
- De-inking and De-labeling: SOREMA has been able to innovate the process for properly cleaning plastics from various contaminants.
- Recycling of Fibers, Big bags and Pulp Waste: they are one of the most important niches in plastic recycling.

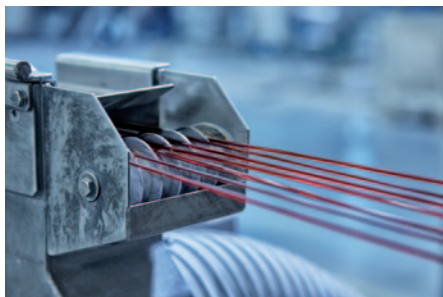
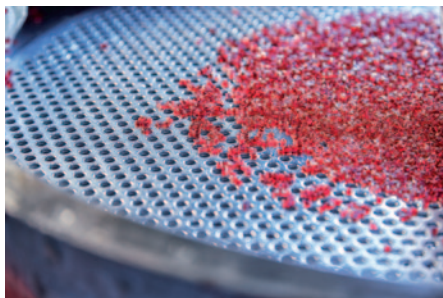
Plastic recycling machines: engineering and integration:

- Upstream, with other upstream technologies such as external pre-sorting systems.
- Horizontally, with specific in-line systems such as wastewater treatment.
- Advance vertically, with downstream post-processing technologies such as extrusion and re-gratation systems

Thanks to its worldwide and long-standing experience in plastic recycling machines, SOREMA has developed specific and globally recognized expertise in the treatment of the most difficult plastics in the recycling process.

www.sorema.it





Sukano is a global specialist in the development and production of additive and colour masterbatches and compounds for polyester and specialty resins. The company is driven by expertise and focuses its technical knowledge on developing innovative products and services for oil and bio-based polymers that can be used for applications such as thin and thick films, bottles and containers, fibers, filaments, and sheets.

Founded in 1988, Sukano developed the state-of-the-art, market reference slip/antiblock additive masterbatch for PET film and sheet applications. Headquartered in Switzerland, it is a family-owned business with a global distribution network and three production facilities strategically located in Europe, the Americas and Asia.

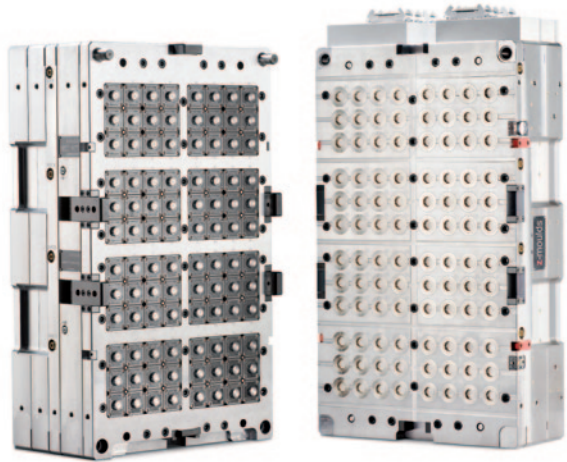
Providing unparalleled service, knowhow, and quality to its customers worldwide, Sukano is the global partner of choice for plastic converters and brand owners to develop their innovative products and highly specialized solutions.

www.sukano.com

z-moulds®

INSPIRING PARTNER

z-moulds® is the market leader in mould performance and stands for high cavity injection moulds especially for caps and closure production systems. With one of our patented technology, the z-slides® technology, z-moulds® offers better output per capital compared to common injection and compression technology. z-slides® ensures the most efficient production of lightweight closures with the fastest cycle times. It's a compact, full modular system, that operates with less energy and offers a better product lifetime. It's also used for tethered closure solutions.



z-moulds® offers patented multi-component (plastic parts with varying materials or colors) mould technologies as well. With that - also a full modular solution - z-moulds® ensure easy accessibility for maintenance and a better flexibility for the injection-machine use than other known technologies for multi-component closures.

z-moulds® is an Austrian mould maker with its origin in the early 1950s. With customers from Tahiti to Australia and from South Africa to Russia, z-moulds® is one of the leading closure specialists worldwide.

Please challenge us!

www.z-moulds.com

All our previous and current tours at a glance:



2011



2012



2013



2014



2015



2016



2017



2018



2019



2020

2010: Lithuania, Latvia, Estonia, Finland

2011: "Go to Brau Beviale" – Austria, Slovenia, Croatia, Serbia, Bulgaria, Turkey, Armenia, Georgia, Azerbaijan (cooperation with Brau Beviale exhibition Nuremberg, Germany)

2012: "Go to Brau Beviale" – Russia, Ukraine, Poland (cooperation with Brau Beviale exhibition Nuremberg, Germany)

2013: "Go with the flow" – Peru, Bolivia, Chile, Argentina, Uruguay, Brazil (cooperation with Drinktec exhibition Munich, Germany)

2014: "Go to Brau Beviale" – Italy, Tunisia, Algeria, Morocco, Spain, Portugal (cooperation with Brau Beviale exhibition Nuremberg, Germany)

2015: "The North American Road Show" – Canada, USA (cooperation with NPE exhibition Orlando, USA)

2016: "The China Road Show" - China, Hong Kong (cooperation with China Brew China Beverage exhibition Shanghai, China)

2017: „Go with the flow“ – Indonesia, Vietnam, Cambodia, Malaysia, Singapore, Philippines, Thailand, Laos (cooperation with Drinktec exhibition Munich, Germany)

2018: "The North American Road Show" – Canada, USA (cooperation with NPE exhibition Orlando, USA)

2019: "The India Road Show" - India (cooperation with Drink Technology Delhi/ Mumbai, India)

2020: "Let Your Inspiration Flow" - Australia, New Zealand, Taiwan, South Korea, Japan (cooperation with Drinktec exhibition Munich, Germany)



The whole world of
PETplanet



WHY PETPLANET?

For more than 20 years, PETplanet Insider has been the world's leading magazine for the PET bottling and bottle-making industry, bringing together machine manufacturers and their customers – directly, with up to date on-site reports at

customer plants, providing first hand information on the latest developments and trends. Our market reports and surveys, along with interviews with the major players in the industry give our readers an excellent overview of what is happening in the

world of PET. PETplanet Insider continues to be the highly specialised source of information for more than 10,000 readers in over 140 countries and the ideal publication for advertisers who wish to target decision makers in this sector.

The worldwide
round trip with

PETplanet

insider

Join our trip at
drinktec.petpla.net
and meet us at:

Drinktec
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