

EVENT *preview*

CBST 2025

The 13th China International Beverage Industry Exhibition on Science and Technology (CBST 2025) will take place from March 5-7, 2025, at the Shanghai New International Expo Center. Hosted by the China Beverage Industry Association, CBST has grown into a premier event for the beverage industry across China and the Asia-Pacific region. Now held annually, the exhibition serves as a vital platform for showcasing cutting-

edge technologies, new products, and industry trends.

CBST 2025 intends to bring together stakeholders from across the beverage supply chain to promote collaboration, drive industrial upgrades, and explore sustainable solutions. With a focus on digital transformation, automation, energy efficiency, and low-carbon production, the event aims to address key challenges and



opportunities in China's rapidly evolving beverage market. Highlights include product launches, procurement discussions, and industry seminars.

www.cbst.com.cn

High-performance compressors for PET bottle blowing

Adekom will feature its KSP series screw+piston tandem high-pressure compressor, a skid-mounted system that combines an advanced oil-free screw compressor for the first stage with an oil-free piston booster for the second stage. Designed for stable, energy-efficient performance, the unit provides 5.0–30.5 m³/min of oil-free air at 40 bar pressure, meeting ISO8573-1 Class 0 air quality standards.

The compressor offers several significant advantages, Adekom says. Its first-stage water-injection screw compressor provides lubrication, cooling, sealing, and noise reduction, ensuring 100% oil-free air without requiring special discharge water treatment. Food-grade stainless steel is used throughout the system, including the screw air end casing and pipelines, ensuring compliance with environmental and industry standards. Corrosion-resistant, these stainless steel components are also intended to

enhance durability and to ensure a long service life, while the use of water as a lubricant helps absorb compression heat, maintaining low operating temperatures and minimising wear on components.

To maximise energy efficiency, the system incorporates a permanent magnet frequency inverter drive, which offers a wide regulation range and reduces operational costs. Additionally, a fully automated water-changing device allows lubrication water replacement without halting operations. Advanced digital control is provided by a PLC system, enabling centralised automation and monitoring through a single interface. With cloud-based monitoring and predictive maintenance capabilities, the compressor is ready for remote operation and management.

Established in 2003, Adekom has built a strong reputation as a leading compressor manufacturer in Asia, with two decades of experience serving the food and beverage industry. The company's expertise and commitment to innovation have positioned it as a trusted supplier in the competitive PET bottle-blowing sector.

www.adekom.com.hk



Support through the SMI Machinery Beijing service office

Since 2001, SMI has been constantly committed to providing Chinese customers with fast and efficient local support to meet the requirements of a rapidly evolving market.

SMI Machinery Beijing staff will be at the CBST trade fair to show the latest innovations of SMI machine ranges for circular packaging and sustainable development.

Through the SMI Machinery Beijing Co. Ltd. Service office, the company manages the technical and sales requirements of packaging plants supplied to hundreds of companies operating in the food and beverage industry. When Chinese food and beverage manufacturers take the decision to invest in a new bottling or packaging plant, they pay great attention to the technological content and to the local presence of its partners with after-sales support.

The SMI local facility is based in the district of Daxing, Beijing, a logistic and industrial point that boasts the largest airport in the world. One of SMI Machinery Beijing's latest projects was the installation of the integrated Ecobloc Ergon blow-fill-seal system (easy-cap cap sorter) in the production plant of Huihuang United (Tianjin) Food Co.

www.smigroup.it

