

PRESS RELEASE

Company Contact:

Christoph Angenendt
Vice President Communications, Industrial Vacuum Division
Christoph.Angenendt@edwardsvacuum.com

K trade fair 2025 in Düsseldorf

EDWARDS VACUUM presents innovative vacuum solutions for the plastics industry

BURGESS HILL WEST SUSSEX, UK. (August, 2025)

Vacuum technology is a key element for quality and efficiency in plastics processing - for example in thermoforming and recycling, the extrusion of films and the degassing and coating of plastics. Edwards Vacuum is a renowned, leading international specialist for these vacuum applications. From October 8 to 15, 2025, the company will therefore be presenting its vacuum solutions at the K trade fair in Düsseldorf and will be happy to answer trade visitors' questions on these topics at its stand I31 in hall 11.

Degassing vacuum system for plastics production, processing and recycling

Among other things, Edwards is presenting its dry-running extruder degassing system EXDM, which has been specially developed for plastics processing and recycling. The modular package is based on the robust, dry claw vacuum pump EDC, which is equally suitable for integration into new and existing systems. The EXDM vacuum solution offers users a reliable system with low operating and service costs.

Maintenance ensures full performance at lower operating costs

"To ensure that EXDM runs efficiently and reliably on site, we offer users a wide range of service solutions that we tailor to their specific needs," summarizes Frank Achenbach, Market Sector Manager at Edwards. "We take care of the systems from the initial on-site consultation to the design of a suitable vacuum system and customized maintenance contracts, ensuring that they perform to their full potential at lower operating costs throughout their life cycle."

EDS vacuum pump for the production of compounds and masterbatches

Edwards will also be showcasing the EDS vacuum pump at the K trade fair. It is based on dry screw technology and is used when compounds are produced from a wide variety of components to ensure product properties and

PRESS RELEASE

quality. It can be commissioned directly with little effort and flexibly adapted to all specific processes. The EDS vacuum pump as a system is capable of reliably producing complex compounds at low operating costs.

Edwards Polycold® MaxCool cryocooler for degassing

In the degassing systems and vacuum equipment product category, Edwards will also be exhibiting its Polycold® MaxCool cryocooler at the K trade fair. The system can effectively capture water vapor in a closed process, up to 95 percent of the residual gas in high vacuum systems. Water vapor is typically the most reactive pollutant present. With our MaxCool cryocoolers, you can increase product throughput in your existing system by 20 to 100 percent and improve separation quality. High-speed pumping of water vapor up to 400,000 l/sec. Cooling from -98°C (175 K) to -145°C (128 K).

Edwards Vacuum will be happy to discuss these and other vacuum solutions for the plastics industry with trade visitors at the K trade fair in Düsseldorf on Stand I31, Hall 11.

Pictures



The dry claw vacuum pump EDC is equally suitable for integration into new and existing systems.



The EDS vacuum pump as a system is capable of reliably producing complex compounds at low operating costs.

About Edwards

Edwards is the leading developer and manufacturer of sophisticated vacuum products, exhaust management systems and related value-added services. These are integral to manufacturing processes for semiconductors, flat panel displays, LEDs and solar cells; are used within an increasingly diverse range of industrial processes including power, glass and other coating applications, steel and other metallurgy, pharmaceutical and chemical; and for both scientific instruments and a wide range of R&D applications.

Edwards has around 8,000 employees worldwide engaged in the design, manufacture and support of high technology vacuum and exhaust management equipment and has state-of-the-art manufacturing facilities in Europe, Asia and North America.

Edwards is part of the Atlas Copco Group (NASDAQ OMX Stockholm: ATCO A, ATCO B), a Sweden-based provider of industrial productivity solutions.

Further information about Edwards can be found at www.edwardsvacuum.com