



EBARA Precision Machinery Europe GmbH

PRESS RELEASE

Market launch of a new climate and cost-friendly product series

EBARA presents the EV-X vacuum pump for the first time

Munich, 2024/11/12, At Semicon Europe in Munich, EBARA is presenting the new "EV-X" series of vacuum pumps to the trade public for the first time in Europe. This pioneering product series represents a significant advance in energy efficiency and promises cost savings in the double-digit percentage range.

The EV-X series is the result of years of research and development and offers technology specifically designed to save energy and increase efficiency. The EBARA Group, headquartered in Tokyo (Japan), has committed itself to the primary corporate goal of making a significant contribution to global environmental and climate protection with sustainable and resource-saving product developments. This has been achieved with this new product series. Further advantages have been realised for customers in terms of space requirements and ease of maintenance.

Thanks to advanced technology, the EV-X vacuum pumps make it possible to:

- **Reduction in energy costs:** The EV-X vacuum pump saves over 30% in energy costs compared to standard vacuum pumps from competitors. The savings are between 10 and 38%, depending on the model. The maximum gas volume at a nominal speed of 10,000 l/min is 80 slm for the EV-X100N exhibited at Semicon Europe.
- **Variety of applications:** The EV-X series is available in four product classes: 30 / 100 / 200 / 300 with a maximum pump speed of 3,000 / 10,000 / 20,000 or 30,000 l/min. With the higher gas flow tolerance, the EV-X can be used in a variety of ways and is suitable for a wide range of requirements.
- **Space-saving:** Thanks to the optimised design of the control function, the dimensions of the EV-X pump series have been adapted so that the customer can fit the vacuum pumps into the smallest of spaces.
- User-friendly thanks to individual PCW control and a standardised control panel for all models.
- Integrated heating solutions that can be used as required offer maximum efficiency thanks to their installation in the pump body and do not waste valuable energy in the sub-fab.

'We are proud to present the EV-X100 live to our customers and the trade public as a representative of the entire product series at Semicon Europe,' says Jörg Bruckamp, Managing Director of EBARA

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Precision Machinery Europe GmbH. 'This product reflects our commitment to sustainability and quality, and we are convinced that the EV-X offers our customers a significant competitive advantage,' explains Christian Venus, Senior Sales Manager Components.

The vacuum pumps of the EV-X model series can now be ordered via the Sales Team Components at Ebara Precision Machinery Europe GmbH.

For further information on the new product launch or to arrange an interview with one of our experts at the trade fair, please contact Thomas Goelz, Phone: +49 172 309 1051, e-mail: tgoelz@ebara-pm.eu or Alexander Holzer, Phone: +43 676 378 6815, e-mail: aholzer@ebara-pm.eu



Subline: The new EV-X200N pump. The highlight in 2024.

Picture Credit: ©Ebara Corporation

About EBARA: Climate and environmental protection as a corporate premise

Since 2022, EBARA has been a member of the Semiconductor Climate Consortium (SCC), a group of companies from the entire semiconductor value chain with the aim of accelerating the reduction of greenhouse gas emissions from the ecosystem. Ebara itself aims to be CO₂ neutral by 2030. The entire EBARA Group pursues the goals of the SDG, Sustainable Development Goals of the United Nations. The Ebara Group was founded in 1912. Its headquarters are in Tokyo, Japan. The company employs over 19,600 people in 96 subsidiaries worldwide. The Group revenue is over 4,6 billion EUR. Ebara develops, manufactures and sells products such as pumps, chillers, blowers and fans, compressors and turbines, municipal waste incinerators, industrial waste incinerators, dry vacuum pumps, CMP systems, electroplating systems and exhaust gas purification systems for industries worldwide. The Precision Machinery segment is a major supplier to the semiconductor industry. 20 of the 80 most important manufacturers of semiconductors are Ebara customers. Ebara Precision Machinery is the global market leader for vacuum pumps and CMP systems.

About EBARA Precision Machinery Europe



EBARA Precision Machinery Europe GmbH

EBARA Precision Machinery Europe GmbH (short: EPME) is a 100% subsidiary of the EBARA Group for sales and service in Europe and Israel. In 2023, the company was awarded the honour of being listed among the top 20 most important tech companies in the semiconductor industry in Europe. In 2024, EBARA celebrates its 30th anniversary in Europe since its foundation in 1994. In Europe and Israel, Ebara Precision Machinery Europe is one of the most important suppliers of equipment for subfabs and wafer production lines. The EPME portfolio includes dry and turbomolecular vacuum pumps as well as modern gas purification systems for the chemical industry, for example. EPME also sells state-of-the-art CMP tools, wafer bevel polishing and substrate coating systems for chip production. In 2021, EPME opened its second modern overhaul centre for vacuum pumps in Dresden. EPME has been operating a vacuum pump overhaul centre in Livingston (UK) since 1994. EPME employs over 240 people from 28 nations in Europe and Israel.

Visit us at Semicon Europe in Hall C1 Stand 219 # 18 a&b.

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