Press Release 23/2026

Neustadt-Fernthal, September 2026

Spotlight on BOY XS E: Polmak Plastik showcases compact injection moulding technology at Plast Eurasia

At Plast Eurasia, 2–5 December 2026, in Istanbul, Dr. Boy GmbH & Co. KG, together with its Turkish distribution partner Polmak Plastik, will be presenting the compact BOY XS E injection moulding machine. In Hall 12, Booth 1213, visitors will have the opportunity to discover the smallest machine in the BOY portfolio and find out about the latest solutions for micro and small-part injection moulding.

The injection moulding machine, with a clamping force of 100 kN, impresses with its minimal footprint of just 0.87 m² and high precision. Thanks to innovative and tried-and-tested technologies, the machine offers numerous applications in the injection moulding of micro and small parts. The free-standing two-platen clamping unit with a diagonal arrangement of the tie bars ensures that the plasticising unit, mould cavity and ejector are easily accessible, which facilitates the integration of automation equipment. In addition to the energy benefits provided by the E-series drive technology, the servo drive also impresses with its high dynamics and extremely smooth running.

Şenol Kaya, CEO of Polmak Plastik, emphasises the importance of the trade fair and the long-standing partnership with BOY: “Plast Eurasia is a key platform where we meet our customers, international technology partners and experts from the plastics industry in Turkey and neighbouring markets. This year, we are particularly delighted to be able to showcase the BOY XS E at our booth. Its compact design and tried-and-tested injection moulding technology clearly demonstrate how efficiently and precisely production can be carried out in a very small space.”

The partnership between BOY and Polmak Plastik has been in place for more than 15 years. During this time, the two companies have successfully combined their areas of expertise: German engineering and modern injection moulding technology are complemented by in-depth knowledge of the Turkish market, as well as comprehensive technical advice and on-site customer service.

Florian Schäfer, Commercial Team Leader for Exports, who will be on site to support the Turkish sales partner: “With the BOY XS E, we are demonstrating that compact dimensions and high performance need not be mutually exclusive. The machine combines a space-saving, efficient design with state-of-the-art technology, thereby offering a flexible solution for a wide range of applications. At the trade fair, we want to give visitors the opportunity to experience the benefits of the BOY XS E first-hand and see for themselves our latest technology and our commitment to efficient injection moulding solutions.”

Company profile

Dr. BOY GmbH & Co. KG is a leading global manufacturer of injection moulding machines with clamping forces of up to 1,250 kN. These highly compact and durable machines deliver exceptional precision, are energy-efficient and therefore highly cost-effective. With its innovative concepts and solutions, BOY continues to establish itself as a trendsetter in the industry. Automation, digitalisation, sustainability and CO_2 reduction are key areas of focus. Since the company was founded in 1968, more than 55,000 injection moulding machines have been delivered to customers on every continent. As an owner-managed company, BOY remains firmly committed to engineering excellence and high-quality workmanship “Made in Germany”. For more information visit www.dr-boy.de

Photo(s): > BOY XS E

Words: 416
Lines: 35
Characters: 2720

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