

## Press Release 13/2015

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### **NPE 2015: BOY Machines made news from the world of injection moulding machines**

BOY, the injection moulding machine specialist with clamping forces up to 1,000 kN, touched the interest of the attendees with automation and efficiency at NPE 2015 in Orlando/USA.

**BOY Machines, Inc. ([www.boymachines.com](http://www.boymachines.com)), the sister company of Dr. BOY GmbH & Co. KG, enjoyed a positive exhibition at the leading trade fair for plastics technology in the USA. The company demonstrated among other things different automation applications and the EconPlast technology during the exhibition.**

The international plastics trade fair in Orlando (Florida) is one of the largest worldwide plastics industry trade fairs.

Using 92,900 m<sup>2</sup>, it formed the stage for new technologies, materials and innovative products in all fields of plastic processing.

The overall balance of the exhibition speaks for itself: 60,000 industry representatives, 20,000 purchasers and 2,000 leading exhibitors were registered by the organizers this year.

The figures of 2012 were far exceeded, so NPE 2015 goes down in NPE history as the largest exhibition up to now.

BOY also experienced record demand. From the smallest (100 kN clamping force) to the largest injection moulding machine (1,000 kN clamping force), BOY had everything in its exhibition package.

### **BOY injection moulding machines LIVE!**

BOY presented new and proven applications. The exhibition highlight was the Frisbee, which was removed from the BOY 100 E every few seconds by a BOY removal device.

Another interesting application was demonstrated on the compact BOY XS, on which the use of an integrated handling device was used. After a spacer was produced, the finished part was removed from the mould and placed with a pneumatic picker.

Additionally, insert moulding technology was shown on the vertical BOY XS V injection moulding machine. A miniature nail file was over moulded without a sprue.

On the BOY 25 E, a silicone bracelet was produced, which helped support the global “Make A Wish” organization. The silicon bracelet could be bought by the visitors for the obligatory price of at least \$1.00.

On the last day of the exhibition, the CEO of BOY Machines, Inc., Helga Schiffer, was pleased to present a check for \$650.00 to the “Make A Wish” foundation.

“NPE 2015 was the ideal exhibition to establish international contacts and to win new business“, explains Marko Koorneef, President of BOY Machines, Inc. He added: “The EconPlast technology impressed the fair visitors with its quiet operation and efficiency with a cycle time of 5 seconds and energy consumption below 4 kW. The EconPlast technology is a plasticizing system developed by BOY, which when used can result in an energy savings of up to 50%.

The lion’s share of energy consumption of an injection moulding machine is used for energy heating and driving energy for rotary movement of the plasticizing screw during

dosing. Therefore, it is logical to effectively manage energy consumption. For example, faster and more precise temperature management means shorter startup and warm-up times. Material-friendly and low friction processing of different materials means lower scrap rates and improves cooling of the feed zones.

The EconPlast is optionally available for all BOY injection moulding machines with a screw diameter of at least 24 mm.”



Photo(s) > BOY Machines booth at NPE 2015

Bill Carteaux, President & CEO of SPI (The Plastic Industry Trade Association) hands over Helga Schiffer, CEO of BOY Machines, Inc., the donation for the global organization „Make a wish“