

# Press Release 22/2017

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## Well-frequented BOY booth at the Chinaplas 2017

A highly frequented Chinaplas 2017 and a lively interest in 3D-printed metal moulds for the application in injection moulding machines was the very satisfying result of BOY in Guangzhou / China in mid-May. On the international site of the plastics industry not only the Chinese suppliers were present, but also the German manufacturer of injection moulding machines with a clamping force up to 1,000 kN was successfully present on site.

*"Already before the start of the Chinaplas we felt confident that the use of injection moulds printed in steel would be highly appreciated by many users. But what we could see at our booth here exceeded all our expectations,"* says BOY Export Manager Wolfgang Schmidt. *"This concept is fully in line with the trend: from the idea - to the finished injection moulding part within the shortest possible time – that is today's demand. With the 3D-technology this goal is achievable - more cost-saving and less time-critical. Our injection moulding machines, in particular the BOY XS with mould changing system, meet exactly the requirements of the market. The BOY injection moulding machines are future-oriented with short changeover times, predestined for small batch sizes and mould inserts which can be cost-effectively produced,"*

### Efficient machine technology

In addition to a BOY 25 E (250 kN clamping force) with energy-efficient servo drive; BOY presented the BOY XS with a clamping force of 100 kN at the booth of its Chinese representative Trillion Machinery Co., LTD. Equipped with a servo drive the BOY 25 E eclipses conventional hydraulic drive systems in terms of efficiency, precision and stability. The tried and tested machine type also offers sufficient space for large-volume

moulds, despite a footprint of only 1.8 m<sup>2</sup> with the free-standing clamping unit. With four of the seven possible screw diameters substantially higher injection speeds can be achieved.

The BOY XS impresses with maximum performance on smallest space (0.77 m<sup>2</sup>). BOY's injection moulding machine, designed for continuous industrial operation, produced a HDPE cable organizer in less than five-seconds at the Chinaplas. With the standard screw diameters 12, 14, 16 and 18 mm, stroke volumes of up to 10.2 cm<sup>3</sup> are possible. The patented 8 mm diameter micro-plasticizing unit guarantees shortest dwell times in the machine - a big advantage for the gentle processing of temperature-sensitive materials.

### **Without any reservations**

Both exhibits were equipped with the multi-patented control Procan ALPHA<sup>®</sup>. It scores in precision, dynamic and ease of use thanks to its multi-touch-capability. As a result, operating strategies such as scrolling screen pages or a change of pages by wiping - as with modern communication media – are possible. The 15" full-touch display with brilliant LCD-LED technology convinces with screen pages with little text in Chinese (in total 23 languages are available) and memorable symbols. The digital auxiliary function in the control that is used for the machine control in the national language was an additional positive aspect for the customers.



Photo(s): > Well-frequented BOY-booth at the Chinaplas 2017