

Press Release 16/2012

Neustadt-Fernthal, July 3, 2012

Innovation into the future –

BOY follows up at the FAKUMA 2012

„Multiple more efficient“ under this heading the presence of BOY at this year’s FAKUMA in Friedrichshafen could not be better summarized. With six injection moulding machines in the BOY booth (hall A7 / booth 7101) and seven additional machines in partner companies booths, BOY, the specialist in compact injection moulding machines below 1.000 kN clamping force, will demonstrate nearly its whole product range.

BOY will once again spotlight its successful E-Series at the FAKUMA in Friedrichshafen (October 16-20 2012). “Thanks to the servo motor pump drive, the E-Series has set new standards for maximum capacity and energy efficiency when compared to conventional drive technologies”, stated Alfred Schiffer, Managing Partner of BOY.

Half energy, full Power

Nearly all BOY machine sizes are equipped with the highly efficient servo motor pump drive. Since its introduction, many more injection-moulding companies have selected or changed to the BOY E-Series. Greatly improved energy efficiency, high dynamics, speed and quietness have been the deciding criteria for the use of this machine technology.

Flexible multi-component injection moulding

Another highlight will be the second component injection unit. In combination with a BOY 90 E, a two-component plastic part for medical engineering will be produced. This extremely flexible and applicable injection unit is from a BOY **XS** and is equipped with its own hydraulic drive and its own Procan ALPHA[®] control. The injection unit features a plasticizing volume of up to 8,0 cm³ and achieves injection pressures of up to 3.128 bar. Larger injection units are optionally available on request. The complete control and hydraulic unit is placed next to the basic machine. The portable unit has wheels so it can be connected with other injection moulding machines.

Benefits live

With the many different applications, the BOY exhibits will provide proof of their capacity and manifold applicability. In addition to the multi-component application, BOY will demonstrate the processing of liquid silicone (LSR) on a BOY 35 E. The integration of handling systems with micro machines like the BOY XS and a fully automated elastomer application on a BOY insert moulding machine will complete the applications at Fakuma.

Easiest handling, maximum precision

Visitors of the FAKUMA will also experience the BOY high end Procan ALPHA[®] control. The self-explanatory operating interface and the touch screen clearly fulfills the highest standards for ease of use, response time and precision. Introduced in 2007 and multi patented, this innovative control is well proven and respected. It is standard equipment on all BOY injection moulding machines.



Photo(s): > BOY **XS-2K**