

Press Release 20/2016

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BOY 50 E and BOY 60 E now much more functional with injection unit SP 170

At the K 2016 in Düsseldorf (19 – 26 Oct. 2016) BOY – specialist of injection moulding machines up to 1,000 kN clamping force – will present a BOY 50 E with the new injection unit SP 170 at its booth A 43 in hall 13. This new development supplements the BOY product programme between the previous injection unit SP 82 and the SP 205.

The optical feature of the new injection unit SP 170 is the shorter design. With this unit the BOY 50 E and the BOY 60 E need an installation area of 3.39 m² only - the machine is 27 cm shorter. Thus the BOY machines are even more compact with this injection unit.

In addition to the modern and fresh design the compact housing of the new injection unit offers other advantages:

- significantly improved accessibility to the hopper during operation
- better connection of other devices e.g. material dryer and conveyor devices
- the swivelling of the plasticizing unit is simplified in case of a changeover of the injection moulding machine

The injection unit with the screw diameters of 28 mm, 32 mm, 38 mm and 42 mm offers a maximum stroke-volume of up to 173 cm³ and the maximum injection pressure is 2,210 bar. The differential-injection-processes with shorter injection times allow an easy manufacturing of parts with thinner walls or parts with a long flow path - with the screw diameters of 28 mm and 32 mm.



Photo(s): > BOY 50 E with new injection unit SP 170 in a new design