

## Press Release 13/2020

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### Increased clamping force for the largest BOY-Insert moulding machine

BOY - specialist of injection moulding machines up to 1250 kN clamping force - has modified its largest vertical injection moulding machine. At the end of this year the insert moulding machine with 600 kN clamping force instead of the previous 550 kN, will be available.

*"The increased clamping force is initially only available for the BOY 60 EVV with injection unit SP 215 (maximum stroke volume of 166.3 cm<sup>3</sup>)"* explains Martin Kaiser, Head of Mechanical Design at BOY. In a further step the three smaller injection units SP 56, SP 69 and SP 82 will also be readily available for this model according to his announcement. Overmoulding of insert components of different sizes is easily possible with a total of eight different screw diameters.

Like all BOY insert moulding machines, the 4-tie bar BOY 60 E VV scores, particularly with the fixed lower plate, an ergonomically favourable table height of 975 mm and optimal access to the mould from all four sides. Compact dimensions of 3.21 m<sup>2</sup> and plenty of space on the rear machine frame for peripheral devices and accessory equipment guarantee a wide range of integration options for automation devices. An energy-efficient servo drive and the high-end control Procan ALPHA are standards of the BOY 60 E VV. The energy-efficient plasticizing unit BOY-EconPlast is available as an option starting from a screw diameter of 18 mm.

