BOY®
Spritzgiessautomaten

Convincing Advantages

The BOY range

The design principles of BOY have been proven by more than 50.000 machines:

Maximum flexibility

The two-platen clamping system excels over all other machine concepts, due to the variety of its options – for example, for compact clean room application, automation or integration in manufacturing lines.

Small installation surface

The compact design reduces the usual space requirement by nearly one third. Thus, more machines can be placed in the same space.

Optimum production conditions

The good accessibility to the machine components, mould and peripheral equipment, as well as handling the moulded parts, reduce setup times and simplify production and maintenance.

Large clamping dimensions

The BOY injection moulding machines attain peak values for clearance of bar and plates. Usually moulds one standard bigger than normal in the respective clamping force class can be used.

Flexible application of mould

Comprehensive hole patterns in the platen enable secure reception of many moulds available.

Intuitive control

Touch-Screens with graphical menu guide and ultra-quick screen display ensure quick control with no errors.

Easy operation

Handling the BOY injection moulding machines is very easy due to the ergonomic working height, as well as the good accessibility of moulds, injection unit and all of the other assemblies.

Minimum power consumption

The potential for savings using the BOY injection moulding machines with servo-motor pump drive is more than 50 %. Using the EconPlast units, the energy required for plasticizing can be reduced by up to 50 %.

Low cooling capacity

BOY injection moulding machines require less ooling capacity as comparable systems. Therefore, the costs for cooling are less.

The universal machine concept from BOY:

The top model of the actual BOY program:

The BOY 125 E with 1250 kN, clamping force, efficient Servo Drive, Procan ALPHA® 4 and EconPlast plasticizing unit, 339.8 cm³ injection volume, 470 x 430 mm clearance of tie bars and 825 mm max. daylight between platen.