



New special model BOY 35 E PRO can be ordered online

With the market launch of the BOY 35 E PRO (350 kN clamping force), the specialist of injection moulding machines from 63 to 1250 kN clamping force sets new standards. With the BOY 35 E PRO the machine manufacturer located in Neustadt-Fernthal is going to expand its range of efficient and compact BOY injection moulding machines in spring 2020.

This injection moulding machine is only available with the SP 96 injection unit and the screw diameters from 24 to 32 mm. The basic equipment of the special model BOY 35 E PRO already includes:

- Highly wear-resistant thermoplastic unit (screw-Ø 24, 28 or 32 mm)
- Open nozzle with R 35 mm standard, alternatively R 1½"
- Mould installation height reduced by 50 mm (150 instead of 200 mm)
- Control Procan ALPHA® 2

A total of seven additional options are available, such as a handling-interface according to Euromap 67, a core pull control as well as four freely programmable inputs / outputs.

This limited special model with the equipment mentioned before can be ordered online via the machine manufacturer's website. (www.dr-boy.de/bestellung)

With a footprint of just 1.96 m², the compact, four-tie-bar injection moulding machine has a clamping force of 350 kN and is equipped with the proven Procan ALPHA® 2 touch control. Powered by an energy-efficient, servo-motor pump drive, the BOY 35 E PRO convinces with a low energy requirement of less than 0.49 kg / kWh (7 + corresponding to classification according to Euromap 60.1).

In a practical application example, reference-measurements were carried out with other drive technologies. The savings potential of the model of the E series with servo-drive was 8,700 kWh annually with 6,000 operating hours p.a. Thus, up to 4.67 tons of CO² emissions can be saved per year due to the energy consumption that is not required (per kWh = 573 g CO² according to the conversion factor of the Federal Environment Agency and the KfW) - an extremely positive savings potential for the BOY 35 E PRO.

Another ecological approach of BOY is the unproblematic processing of sustainable materials on BOY injection moulding machines. Here, the machine and drive concept of the BOY 35 E PRO stands in the focus of a resource-efficient production. The objective is the maximum production output on minimum space. In a direct comparison of competitive machines with a clamping force of 350 kN, the footprint of the BOY 35 E PRO (only 1.96 m²) is up to 40 percent smaller.

Company profile

Dr. Boy GmbH & Co. KG is one of the leading worldwide manufacturers of injection moulding machines with clamping forces up to 1,250 kN. The very compact, durable machines work precisely, energy-saving and thus highly economically. With innovative concepts and solutions, BOY has proved itself again and again as a trendsetter. Since the company was founded in 1968 nearly 50,000 Injection Moulding Machines have been delivered worldwide. The privately-owned company continues to put special emphasis on engineered performance and high-class «made in Germany» workmanship.

For further information visit <https://www.dr-boy.de>