

# Press Release 11/2018

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## **BOY celebrates its 50th business year - with an award**

Just a few weeks before the end of its fiscal year on March 31, 2018, the machine manufacturer BOY received an honorable award. The Chamber of Industry and Commerce Koblenz presented the family business a Certificate of Honor for the 50th anniversary of Dr. BOY GmbH & Co. KG. Fabian Göttlich from the IHK Regional Office Neuwied (in the picture on the right) presented this award to Alfred Schiffer, Managing Partner of the global business enterprise.

Since 1968 BOY has pushed forward a variety of technical developments and launched new products onto the market. One of the milestones in the history of BOY is certainly the BOY 15, with which everything started in 1968. Max Schiffer developed this machine because there was no such product on the German market. The screw-piston plasticizing, which until then had only been used on larger machines, was adapted to this machine size. The basis of the BOY Injection Moulding Machines is a fully hydraulic clamping system. The product portfolio has been continuously expanded from 150 kN clamping force to 300, 500, 800 and 1000 kN clamping force. Since 2008, modern and energy-saving servo-electric drives have been used. BOY was the first German plastics machine manufacturer with this drive technology. The efficiency of the injection moulding process is further enhanced by the EconPlast technology, which was

developed and patented by BOY in 2013. A much more efficient and careful plasticizing of the materials to be processed was thus made possible.

The introduction of the microprocessor control in 1982 offered a complete new way to operate and control the machines. The further development of the Procan control series - which is currently being used in the fifth generation - offers an intuitive operation via touch screen and modern gesture functions.

By focusing on the clamping force range up to 1,000 kN, BOY offers a whole range of efficient models. Starting with the small BOY XXS with 63 kN, the model series BOY 22 / BOY 25 of which more than 25.000 machines have been manufactured, up to the four-tie-bar compact machines BOY 35 to BOY 60. The current top model BOY 100 E is the upper limit with a clamping force of 1000 kN. With the development of vertical Injection Moulding Machines a few years after the foundation of the company, BOY has earned a very good reputation worldwide.

The successful in-house development of independently processing additional injection units (BOY 2C XS to BOY 2C L) makes from conventional Injection Moulding Machines multi-component production machines in a cost-effective way. BOY also has the proper answer to the ever-increasing level of automation. In addition to the Injection Moulding machines the specially developed handling device BOY LR 5 represents a second production line of BOY. This linear robot takes over a variety of automation tasks, such as for example, the removal and separation of parts from the mould of an Injection Moulding Machine or the insertion of semi-finished products into the mould.

A lot has changed since the beginning 50 years ago, comments Alfred Schiffer. However, the determination, with which the company founder Max Schiffer started, still rules the activities of the BOY employees in development, production, administration, sales and customer care. BOY enjoys a high degree of recognition in the plastics industry. In addition to the production facility in Neustadt-Fernthal and the sister company in the USA, there are around 60 independent sales partners around the world cooperating with the specialist of Injection Moulding Machines with a clamping force of up to 1,000 kN.

### **A free „Extra“ in the anniversary year 2018**

BOY is currently preparing a special “thank-you” for its customers in Germany and abroad: *“In the year of our company anniversary we will put together a free anniversary package for all BOY Injection Moulding Machines. This package includes five free options for our customers ordering machines in the period from July 1 until to the end of the anniversary year”* says Alfred Schiffer. Specifically, these are the options:

- Interface for the ejector plate safety,
- four freely-programmable inputs and outputs,
- the interface package,
- the relay output during plasticizing,
- the oil filling of the machine.

### **Innovative into the future**

With regard to the digitalization of the plastics industry - rising demands on manufacturers in terms of Industry 4.0, the digital networking of machines and their

development towards Artificial Intelligence (AI) - BOY sees itself well prepared. BOY continues to be one of the trendsetters in the global plastics industry with its current motto "Innovative into the future - BOY-Injectioneering" - a motto that is constantly being implemented by innovative concepts and solutions.



Photo:> Presentation of the Certificate of Honor to Alfred Schiffer by Fabian Göttlich (IHK); in the background a BOY 15 S from the foundation year 1968