

## Press Release 08/2014

Neustadt-Fernthal, February 28, 2014

### **Saving energy – soon a duty for all?**

#### **BOY sees itself best positioned in the market**

In parts of the BENELUX countries and in Switzerland this duty already exists – to save energy. This means that the governments of these countries have called for a commitment from manufacturers, dealers as well as operators to offer and use only the most energy-efficient products available in the market. In Poland, users can receive favorable investment money through the PoSEFF support program if they build and sell injection moulding machines that are certified as energy-saving. Soon, perhaps there will be a program like this for all of us?

#### **In atmosphere of departure**

If so, “a golden time,” will begin for those products which use the latest technologies and save a lot of energy (costs). This applies especially to the plastics industry. Their machines, for some time now, have required a decreasingly amount of energy to process one kilogram of plastic.

BOY recognized this trend very early. Since 2008, the BOY E-Series servo drive saves about 50 % operating power compared with previous technologies. Since K 2013, EconPlast increases the saving potential even more. The new BOY heating technology makes the plasticizing of plastics much more efficient, is energy-saving and material friendly.

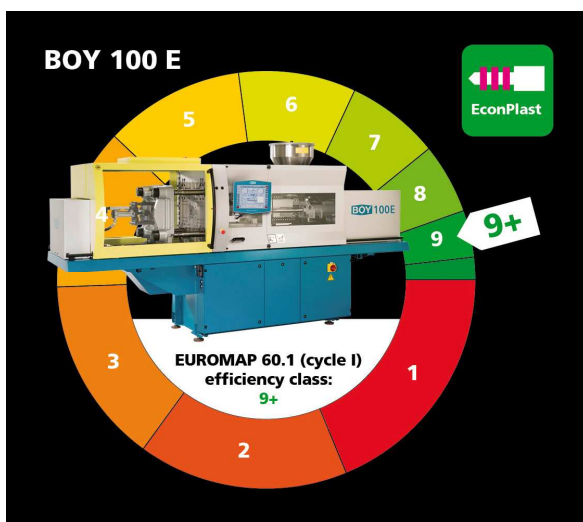
For example, with a BOY 60 E operating in a three-shift operation with a material throughput of 14 kg/h per year, the use of the EconPlast unit saves about EUR 3.500 in energy costs. BOY, the manufacturer of injection moulding machines up to 1,000 kN clamping force, has provided on its website ([www.econplast.de](http://www.econplast.de)) the ability to perform an online calculation.

*“Besides the pure energy advantages, EconPlast also provides a much more precise and more direct regulation of the temperature supply. Especially with heat-sensitive materials, this can be a deciding influence on the part quality,”* explains Michael Kleinebrahm, BOY Manager Process Engineering.

### Euromap 60.1 – just a beginning?

For a few months, the energy classification of injection moulding machines according to Euromap 60.1 is valid. This comparability, which became transparent through the norm, helps users to choose and use the most efficient machines.

Was this just the beginning? Will Germany establish a similar energy regulation like those in the Netherlands and Switzerland or a support project such as the one in Poland? Users who already use machines with the latest technologies and efficiencies have done more than just carrying out their duty. They have already benefited from the energy savings – and this with each shot.



## Company profile

**Dr. Boy GmbH & Co. KG** is one of the leading worldwide manufacturers of injection moulding machines with clamping forces up to 1,000 kN. The very compact, durable machines work precise, energy-saving and therefore highly economical. BOY continually sets new standards in our industry with innovative concepts and solutions. Since the company was founded in 1968, over 40,000 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 <http://www.dr-boy.de/>.

Photo(s): > BOY 100 E with EUROMAP classification 9+

Words: 409

Lines: 44

Characters: 2.583

### Your contact person:

Thomas Breiden  
Head of Marketing  
Dr. Boy GmbH & Co. KG  
Neschener Straße 6  
53577 Neustadt-Fernthal  
Germany

Phone: (+49) 2683 / 307-0

Fax: (+49) 2683 / 32771

E-Mail: [th.breiden@dr-boy.de](mailto:th.breiden@dr-boy.de)

Internet: [www.dr-boy.de](http://www.dr-boy.de)

**A request:**

The colour scheme of the BOY injection moulding machines differs from those of other manufacturers. We are therefore keen to make the differences clear in our pictures. The colour of the typical "BOY blue" differs from a common green or blue. If you can influence the colour reproduction in your magazine, please use the following definitions:

Four-colour definition (CMYK) : 100 % C / 0 % M / 25 % Y / 40 % K  
or Pantone 3155 or RAL 210 40 35.

Thank you very much in advance.