

## Press Release 26/2018

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### **BOY with premiere at the Fakuma**

When the Fakuma 2018 will open its gates on 16 October, visitors at the east entrance will be greeted directly by the first trade fair highlight. *"In hall A7 / booth 7101, we will present our visitors an absolute novelty at the BOY booth,"* says Alfred Schiffer, Managing Partner. *"With this new machine, we are expanding our model range and offer our users an optimum of additional application options. We are pleased to be able to show you this innovation live at the Fakuma."*

With a total of fifteen exhibits, BOY presents almost the entire range of its machine program. In addition to the new machine, a BOY 15 from 1968 will also be shown. Following the 50th anniversary of the company - for which BOY has put together a free anniversary package - one of the first BOY Injection Moulding Machines from the year of the foundation produces shapely car body parts of an old BMW from that time.

### **Fakuma exhibition-topic digitization and automation**

BOY shows a complete production unit, consisting of an Injection Moulding Machine BOY 60 E, the removal handling BOY LR 5, an integrated scanner and a printer. The BOY 60 E has two servo-pumps working in parallel, with which a simultaneous injection and a clamping force build-up are possible. Multifunctional rulers will be produced, which are transported to a printer by the integrated BOY-

Handling LR 5 via a Euromap-interface after the removal from the mould. Here, a QR code is provided with the current production data. In this way, order-related data can be retrospectively retrieved and assigned to each part produced. The connection or digital networking of Injection Moulding Machines to master computers (according to Euromap 77), automation devices (in accordance with Euromap 79) and peripheral devices (Euromap 82) are increasingly finding their way into the plastics industry. At present, the European umbrella organization is working on a Euromap 83, which will serve as the superior standard for the aforementioned Euromap guidelines.

With an interesting two-component production cups are first injected from NAS 30 and then partially overmoulded with a design surface by the additional injection unit BOY 2C S. The two-component parts are removed by the gripper head of the BOY removal handling LR 5. Placed on a conveyor belt, the cups of food-safe material can then be presented to the visitors.

The steadily growing demand for a higher level of automation in the plastics industry is also evident at the BOY booth: in three applications, one each LR 5 will be presented in different dimensions. In addition to the linear robot, BOY also presents its integrated gating-pickers, pneumatic feed / unload devices and a four-axis robot from IGUS GmbH with a very good price/performance ratio.

Seven interesting applications at the BOY booth as well as seven additional Injection Moulding Machines at the booths of partner companies - spread over the entire exhibition grounds - offer visitors an impressive overview. Even after fifty years, the BOY-workforce always manages to attract visitors to the major events of the plastics industry with trade fair innovations and new technologies.

Thus, the current BOY slogan "Innovative into the Future - BOY Injectioneering"  
will also be implemented into reality at the Fakuma 2018.



Photo:> New BOY-machine – still covered