

New BOY gripper intuitively controllable



The new servo-motor-driven linear handling BOY LR5 with an attractive price-performance ratio is a complete new development of the manufacturer of injection moulding machines up to 1,000 kN clamping force.

An intuitive operating concept enables the control of the three linear axes as well as the movements of the gripper hand. Without a profound expert-knowledge the user can control and adapt the movements of the LR 5. The synchronization of the processes of injection moulding machine and handling device are integrated in the graphic sequence programming of the machine control system Procan ALPHA ®. The data interface is the Euromap 67.

The Handling LR 5, designed for machine sizes BOY 35 E to BOY 100 E, is completely equipped with drive technology "Made in Germany". Due to its modular design, individual versions are available with different travel distances (X-axis 300 mm and 500 mm, Y-axis 600 mm, 800 mm and 1.000 mm, Z-axis 950 mm, 1.500 mm, 2.000 mm). The rotating and moveable gripper hand of the LR 5 is designed for a handling weight of up to 5 kg. A regular feature of the new BOY handling is a modern, CE-compliant safety gate. In contrast to earlier series, the new safety gate consists of a stable metal gate. It can be adapted much more flexibly to the individual automation tasks. A tailor-made conveyor belt for the receipt and the removal of the injected plastic parts is optionally available.

Further advantages compared with previous automation devices are:

- Full-featured, three-dimensional web control
- Best possible integration of the LR 5 into the BOY-product programme