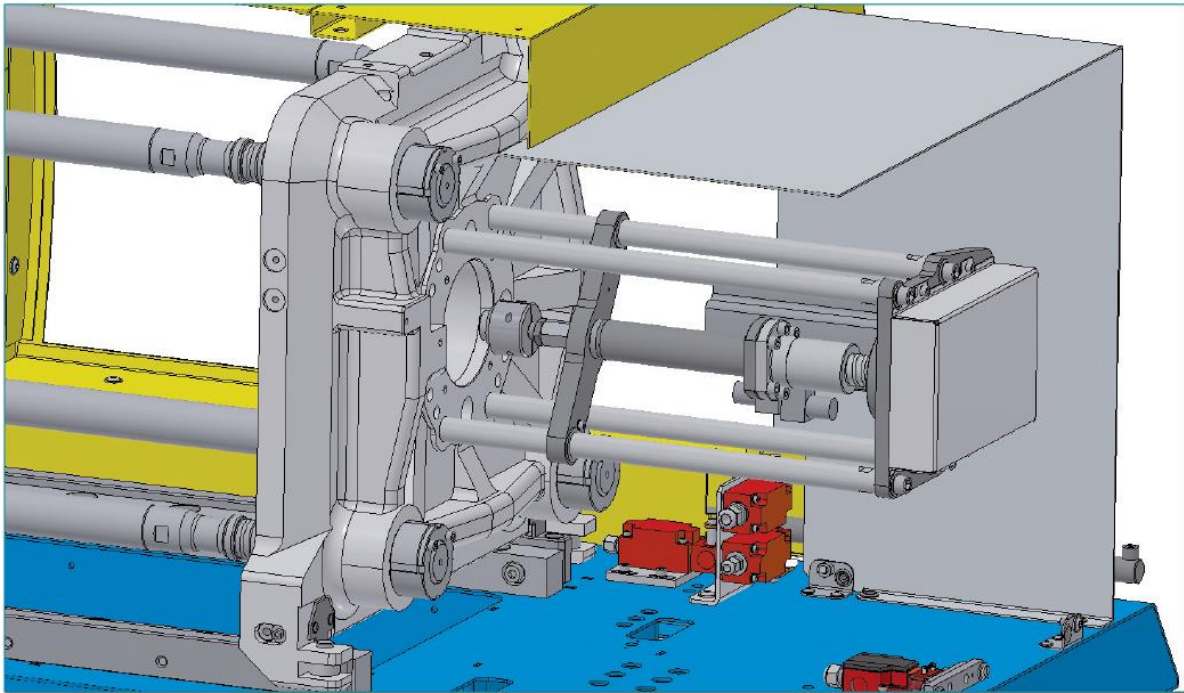


E-ejector

New is an electro-mechanical ejector that enables precise track positioning of the ejector with synchronisation of ejector, clamping and handling-movements.



The rotary movement of the servo-electrically driven spindle is converted into a translatory (axial) movement for the ejector via a recirculating ball nut.

The ejector has a maximum stroke of 150 mm and the highest travel speed is 500 mm/s.

The main advantages of the electro-mechanical ejector are:

- a function that is independent of the main drive of the injection moulding machine
- adjustable speed profiles (acceleration / braking with high accuracy and dynamics)
- exact track positioning of the ejector with synchronisation of ejector, closing and handling-movement, i.e. there is no relative movement between the ejector and the handling.



The moulded part is taken over by the gripper of the Handling BOY LR 5 without a horizontal relative movement. For the horizontal BOY-injection moulding machines BOY 50 E to BOY 125 E, the electro-mechanical ejector is available as an option.

