

a 2001 0416

The invention relates to the footwear industry.

The device for footwear removal from the last includes a frame with a support installed thereon, a footwear gripping device and a mechanism for displacement thereof, mounted onto the support, including a power cylinder, the body of which is mounted onto the frame, as well as a mechanism for last advance with the footwear, containing a bell-crank articulately placed onto the frame, onto one crank of which there is fixed a pin for the last. Novelty of the invention consists in that the mechanism for displacement includes a cantilever, mounted onto the frame with the possibility of vertical displacement and a vertically placed tie-rod, having an end joined with the power cylinder and the other one fixed onto the cantilever. The footwear gripping device is mounted onto the cantilever and contains under it a pair of rotary jaws with toothed quadrants, which are in engagement with a rack placed between them. The mechanism for rack displacement, mounted above the cantilever, contains an electromagnet and a return spring.

Claims: 1

Fig.: 3