

Door frame lock plating recess milling machine **DFA**

v1

2013/01/23

The DFA door frame sill recess miller is a specialized machine designed for milling recesses in the sills of door frames under the angular lock plating in stationary frames and regulated frames. The machine's base is a welded steel body made from sheet metal and steel sections on which a milling unit has been installed. The milling unit consists of a table with a regulated working height and a set of clamps immobilizing the detail being worked on. All work movements are effected by pneumatic actuators. Electrical equipment is located in one cabinet, permanently screwed down to the machine body. The milling unit consists of two linear slide bearings with an installed high-speed electro-spindle (3.3kW power, 18000 rpm), ensuring a high work quality. The machine works in an automated cycle, after sliding the worked material to the stationary bases, the cycle is started by pressing a foot switch, the material is automatically clamped, and the working process begins, after which the material is unclamped.



TECHNICAL AND OPERATIONAL DATA:

Working height	mm	850 + 50
Frame length	mm	2060 / 2016
Frame width	mm	90 / 500
Working air pressure	MPa	0.6
Air supply	m ³ /h	10
Extraction installation	mm	1 x Ø80
Extraction installation demand	m ³ /h	1000
Installed power	kW	3.3
Electric supply	V AC	3/N/PE, 400V 50Hz
Control voltage	V DC	24
Appliance mass	kg	360
Working unit – drilling unit under lock plating		
- high-speed electro-spindle 3.3kW, 18000 rpm – qt. 1		