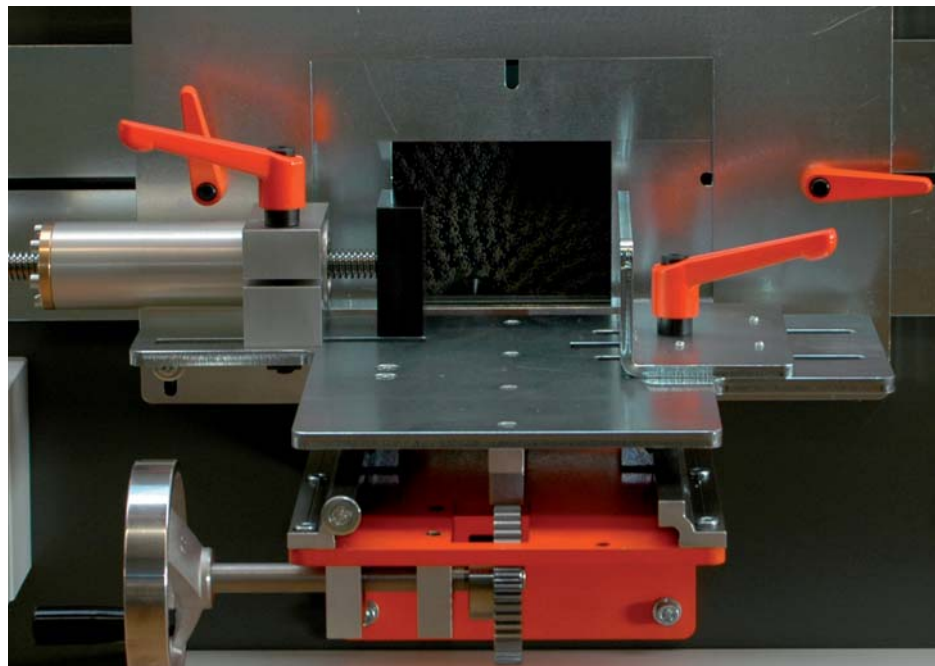
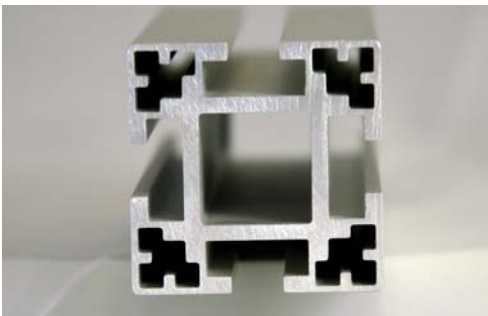
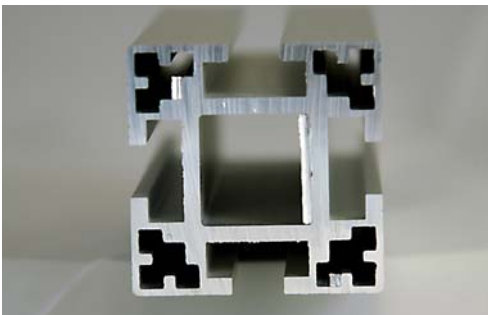


2-Spindel-Profil- Deburring Machine EM2-H

For economical deburring of round or square pipes or profiles made out of steel, non-ferrous metals, aluminum, or plastic.



Deburring Cut Edges

Functional Description - Operation:

The deburring machine consists of a sturdy base frame and a machine housing. The housing contains the drive spindles with the spindle motors, to which the disc brushes are attached, and the stroke drive, which guides the brushes past the machining opening. The resulting machining residues are mainly dust. A suction unit (option) can be connected to extract this.

The workpiece must always be clamped centered. To achieve this, the workpiece is laid on in the center of the clamping bridge. Then the adjustable jaw is positioned on the workpiece and fixed in place with the clamping lever. Now the clamping jaw is positioned on the workpiece and also fixed in place. Then the workpiece can be clamped with the spindle.

To adjust the mask, move the workpiece in front of the mask with the handwheel. Open the two side slides completely, then move the upper slide up to the top position and clamp it in place. Move the workpiece into the opening in front of the brushes. Clamp the upper slide at a distance of 1-2 mm above the workpiece. Now also clamp the two side slides at a distance of approx. 1-2 mm from the workpiece. Then move the workpiece out of the mask again.

Now the machine can be switched on. To machine the workpiece, move it onto the rotating brushes with the handwheel, press it on lightly and allow it to remain in this position for some seconds. Depending on the burr thickness, it might be necessary to repeat this process several times.

Technical data of EM2-H Deburring Machine

Workpiece dimensions:

maximum widths 250 mm
maximum height 80 mm
material length from 75 mm

Machine measurements:

height 1,400 mm
width 1,170 mm
depth 1,000 mm

Brush size:

2 Disc Brushes, 250 mm diameter,
trim height 25 mm, total height 50 mm,
bore 25/35 mm with carrier hole,
plastic core
Fill material: abrasive nylon, grit 180 alternative 120

Power consumption approx. 8 kW / 400 V / 50 Hz

spindle speed 1,400 rpm
SEW-spindle and feed motors,
standard paint RAL 7043,
other colours available on request

HK-Entgrattechnik GmbH

Max-Planck-Straße 82 | 72766 Reutlingen, Germany
Tel. +49 (0)7121/142-381 | Fax +49 (0)7121/142-385
Internet: www.hk-entgrattechnik.de | E-Mail: post@hk-entgrattechnik.de

A company of the KULLEN Group: KULLEN, Reutlingen/ Germany
HK-Entgrattechnik, Reutlingen/ D | KULLEN CZ, Klatovy/ CZ | R.I.B., Llandovery/ GB
Kleeneze Sealtech, Bristol/ GB | Beilun Futuo Mechanical Tools, Ningbo/ PRC

