

A 400

Sharpening Machine



Perfect cuts

Precisely ground sickle-shaped knives



■ Grinding sickle-shaped knives



■ Angle adjustment

The cutting process in food production needs to be as gentle as possible. Crushing – compressing – tearing etc. reduce the quality of the food.

The A 400 Sharpening Machine produces cutting edges of highest precision and quality. It is suitable for grinding and deburring sickle-shaped knives up to 1000 mm (39.3 in) size with one-sided cutting edge (without serration). The maximum bevel width is 5 mm.



■ Operation

The grinding table is arranged inclined towards the user. The integrated teflon glides reduce the friction between the grinding table and the copy grinding plate to a minimum. The interaction of these ergonomically optimized components enables fatigue-free working and makes the operation simple and safe.

■ Copy grinding plate

For grinding the sickle-shaped knives are mounted on a tailor-made copy grinding plate.

■ Cutting edge angle

The cutting edge angle can be set continuously from 25°–35°. This is performed by using an angle gauge.

■ Overheating protection

The grinding wheels move through a water bath, preventing the cutting tools from overheating.

■ Dressing

Grinding wheels which have become untrue are fast and easily dressed with a diamond truing device.

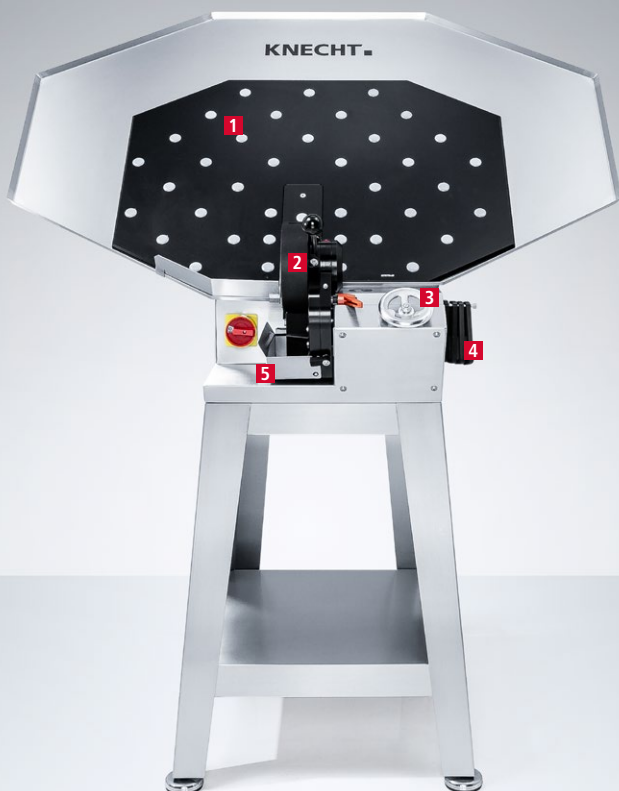
Optimized handling

Perfectly harmonized ergonomic components



When sharpening, the sickle-shaped knives are manually guided on a defined path along the grinding wheels. This path is predetermined by the copy grinding plate and matches the knife contour. This ensures retention of the original knife shape.

For a comfortable operation, the handles of the copy grinding plate are designed and arranged according to the contour of the cutting edge.



- 1 Grinding table with teflon glides
- 2 Grinding and deburring unit
- 3 Hand wheel for angle adjustment
- 4 Angle gauge set
- 5 Water tray

A 400

Technical specifications and space requirements*

■ Width	1260 mm
■ Depth	790 mm
■ Height	1510 mm
■ Weight	approx. 61 kg
■ Depth*	1450 mm
■ Width*	2200 mm
■ Electrical supply	0,18 kW 3x400 V 50 Hz
■ Back-up fuse	16 A
■ Emission sound pressure level according EN ISO 11201	approx. 72 dB (A)
■ Largest sickle-shaped knife	approx. 1000 mm (39.3 in)

The machine meets the EC safety and health requirements and is provided with the CE-symbol.
As at 2023.09 | Subject to technical modifications.

