

KLA 220 - HV 153

Honing Machine for Circular Knives



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Circular knife Ø 480 mm



Circular knife Ø 60 mm

Sharpness, angle of cutting edge and chamfer width of a circular knife have a great influence of the products cut.

A sharpening machine must therefore meet the following requirements:

- **exact, precisely-angled grinding**
- **preservation of the prescribed cutting edge profile**
- **preservation of the original circular shape.**

And this must be reproducible for the whole life of the circular knives.

The KLA 220 - HV 153 is suitable for sharpening flat and disc-shaped circular knives with diameters between 60 mm and 480 mm with one-sided and double-sided sharpening.

The circular knives are driven electrically. Thus they remain absolutely round.

The maximum width of the chamfered edge is 6 mm. Material erosion of the knife is extremely low, which reduces tool costs.

A halogen machine lamp ensures optimum illumination of the work area.

The speed of one of the two pairs of honing wheels can be adjusted variable via a potentiometer. Therefore one-sided sharpening is possible.

Precise cutting edges – perfect cuts



Changing the knife



Dressing



Adjusting the sharpening angle

■ Water cooled honing wheels

prevent the cutting edge from overheating. This results in long life of the circular knives.

■ Stop System

A finely adjustable stop system ensures that only as much material is removed as absolutely necessary.

■ Safety

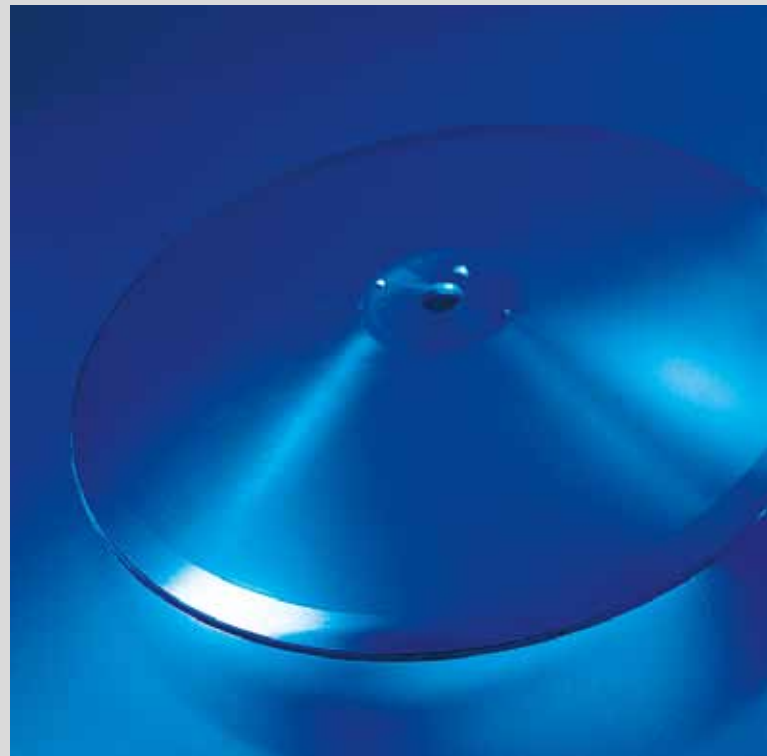
To change the blade, the retaining arm is swivelled horizontally. All drives are locked during a knife change.

■ Dressing

Honing wheels which have become untrue are quickly and easily dressed with a diamond truing device.

■ Cutting edge angle

The cutting edge angle can be adjusted steplessly. The set value is displayed on a clear scale.



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- 1 Height adjustment
- 2 Drive motor for circular knife
- 3 Circular knife
- 4 Truing device
- 5 Variable speed adjustment
- 6 Water tray

Technical specifications

■ Depth	820 mm
■ Width	830 mm
■ Height	750 mm
■ Weight	76 kg
■ Connected load	0.5 kW
■ Sharpening range	Ø 60 - Ø 480 mm

The machine meets the **EC safety- and health requirements** and is provided with the **CE symbol**.

We reserve the right to make technical modifications.

