

A 950 III

Grinding Machine for Sickle-shaped and Circular Knives

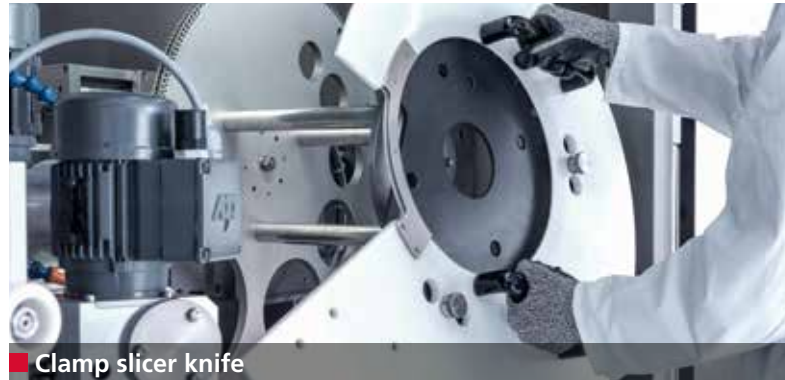


Precise cutting edges

Fully automated grinding of slicer knives



■ Mount cam disk



■ Clamp slicer knife

Perfect cuts, perfect surfaces and precisely placed products.
The A 950 III creates precisely ground slicer knives that meet these requirements.

It grinds sickle-shaped knives of all brands up to 900 mm (35,4 in)
and circular knives up to diameter 700 mm (27,5 in).

The machine is simple and easy to operate via touch panel.
It provides highest grinding precision.



■ Grinding and deburring

The A 950 III operates with powered grinding tools. As a result, the slicer knives are ground with precisely defined edges. The grinding pressure is applied pneumatically. It can be exactly regulated. The material removal on the knife is minimal.

■ Drive

The slicer knives are driven by a servo drive on the outer contour. That means that the A 950 III has the same feed rate at every point of the cutting edge. The blade retains the exact same shape over its entire service life. The servo drive ensures perfect cutting edges.

Perfect cuts

Exactly placed products and perfect surfaces



■ Slicer knife grinding



■ Touch panel **BECKHOFF**

■ Angle adjustment

The grinding angle is set between -5° and 35° and is infinitely variable. The setting is fast and simple: release clamping lever – move grinding unit to the required angle position – lock clamping lever.

■ Overheating protection

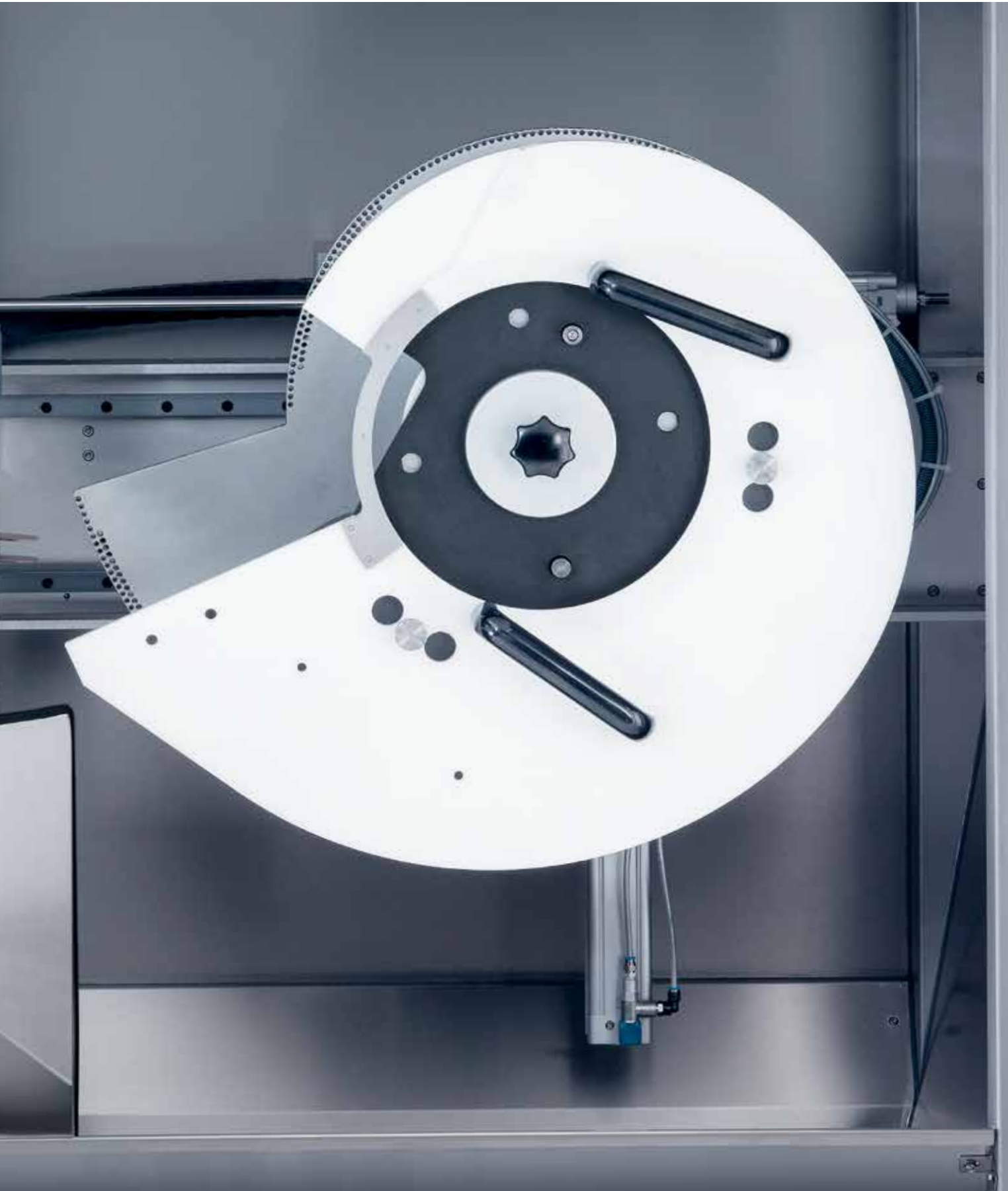
A coolant unit with a capacity of 20 l efficiently prevents the cutting tools from overheating during the grinding process.

■ Operation

The A 950 III is easy to operate via touch panel. For each slicer knife an individual grinding program, consisting of number of grinding cycles, the chosen cutting angle and the required abrasives is created and saved. When the program is called, the required cutting angle and the necessary abrasives are shown on the display. The machine sets automatically the number of saved grinding cycles. The number of grinding programs is unlimited.

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Absolutely safe

Due to simplest handling



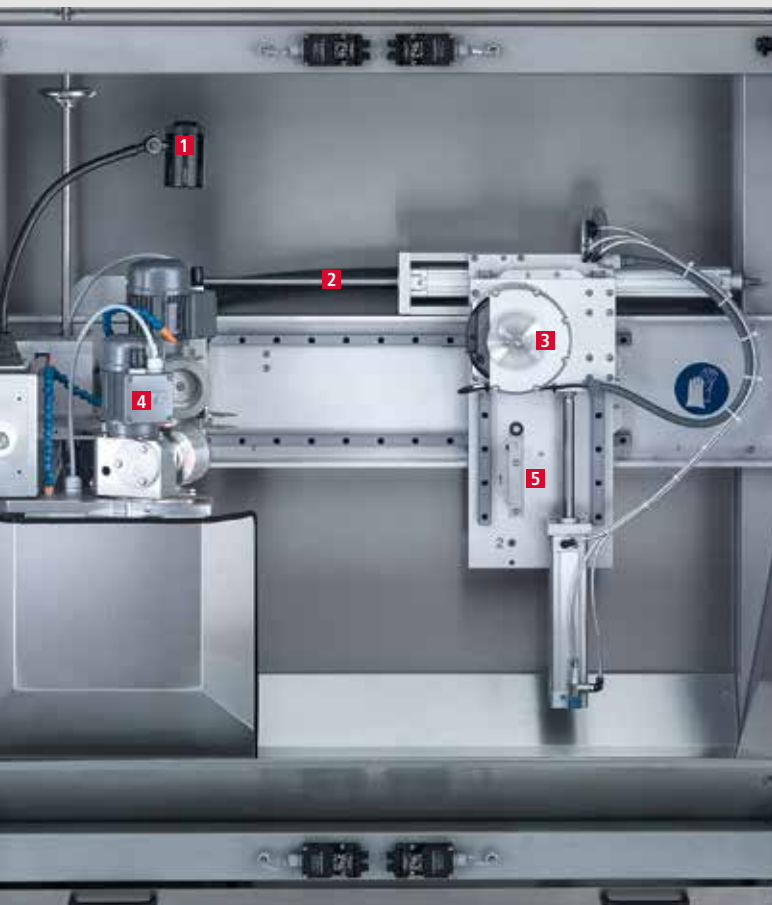
■ Cam disk for circular knives



■ Circular knives up to 700 mm (27.5 in)

The A 950 III grinds circular knives of all brands from diameters of 300-700 mm (11.8-27.5 in) with single and double beveled edges.

The same also applies here: Precise edges, perfect cutting angles.



- 1 LED work light
- 2 Horizontal axis
- 3 Knife holding fixture
- 4 Grinding unit
- 5 Vertical axis

A 950 III

Technical specifications and space requirements*

■ Depth	1043 mm
■ Width	1669 mm
■ Height	1882 mm
■ Weight	approx. 400 kg
■ Depth*	2000 mm
■ Width*	2500 mm
■ Power input	1 kW 3x 400 V 50Hz
■ Back-up fuse	16 A
■ Compressed air connection	6 bar
■ Air consumption	50 l per minute
■ Largest sickle-shaped knife	900 mm (35.4 in)
■ Largest circular knife	300-700 mm (11.8-27.5 in)

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

As at 2018.03 | Subject to technical modifications.

