

## A 950 II

Grinding Machine for Sickle-shaped and Circular Knives

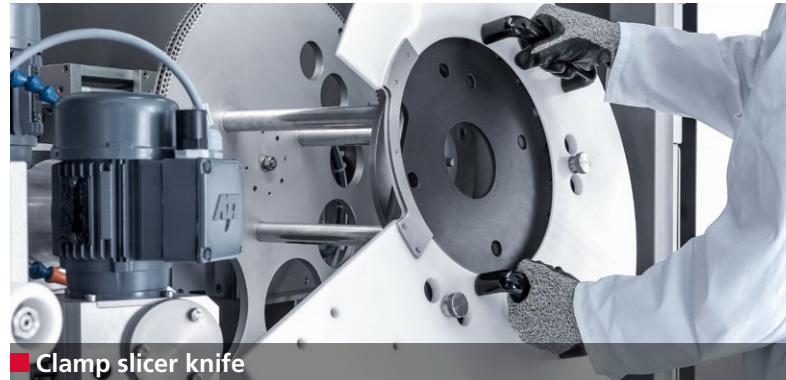


# Precise cutting edges

Fully automated grinding of slicer knives



■ Mount cam disk

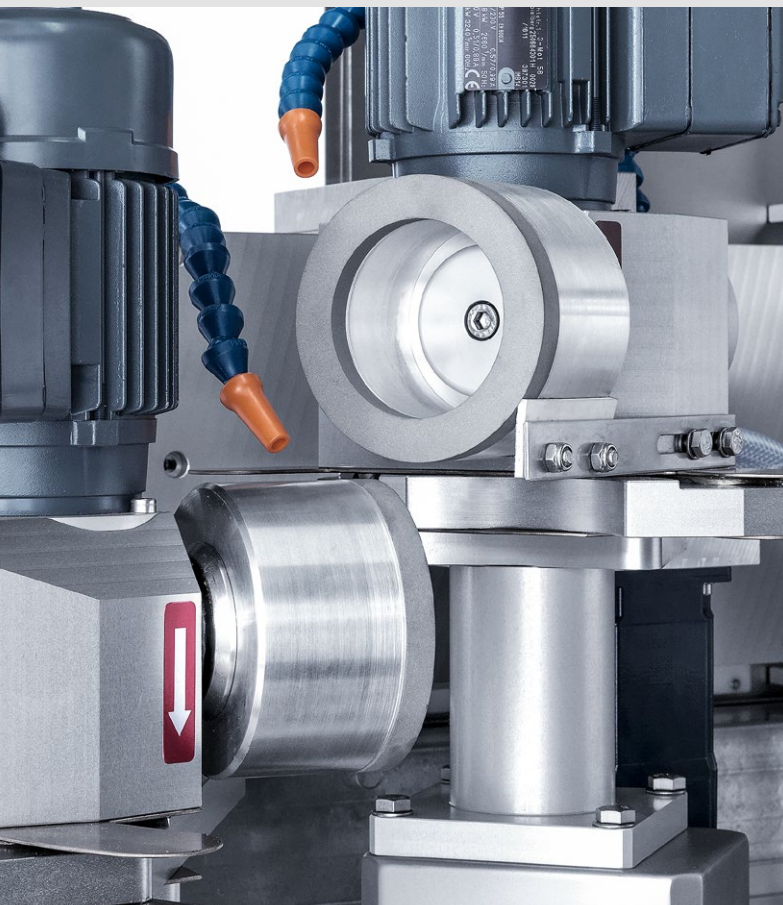


■ Clamp slicer knife

Perfect cuts, perfect surfaces and precisely placed products.  
The A 950II 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 and best repeat accuracy of angle settings.



## ■ Grinding and deburring

The A 950II 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 950II 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 electrically between  $-5^{\circ}$  and  $35^{\circ}$  and is infinitely variable. The repeat accuracy is 0.1 degrees. Calling up the grinding program, the A950II automatically sets itself to the saved angle.

## ■ Overheating protection

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

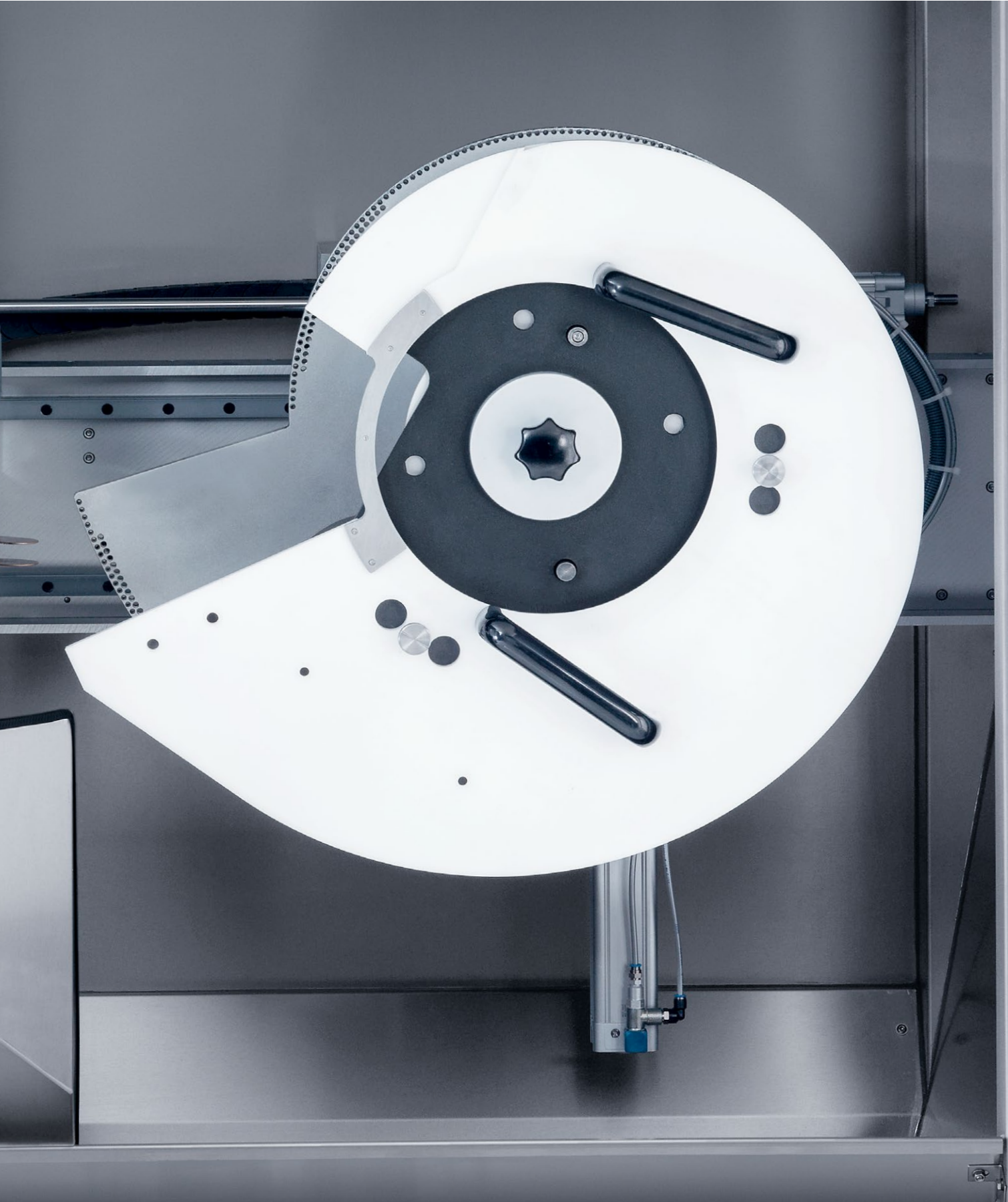
## ■ Operation

The A950II is simple and easy to operate via touch panel. An individual grinding program, consisting of number of grinding cycles and the chosen cutting angle, is created and saved for each slicer knife. When the program is selected, the machine will automatically set itself to these values. The number of grinding programs is unlimited.

Reproducible and perfectly ground cutting tools support production reliability as well as quality assurance.

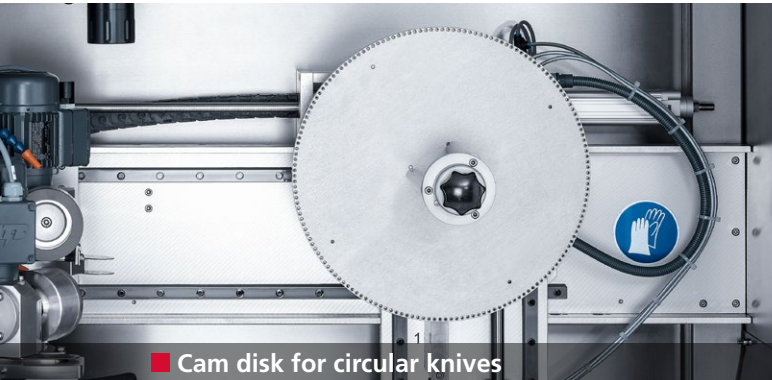
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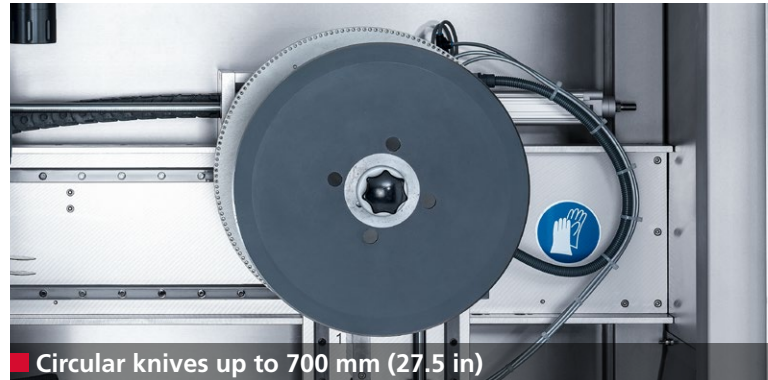


# Absolutely repeat accuracy

Precise edges and perfect cutting angles



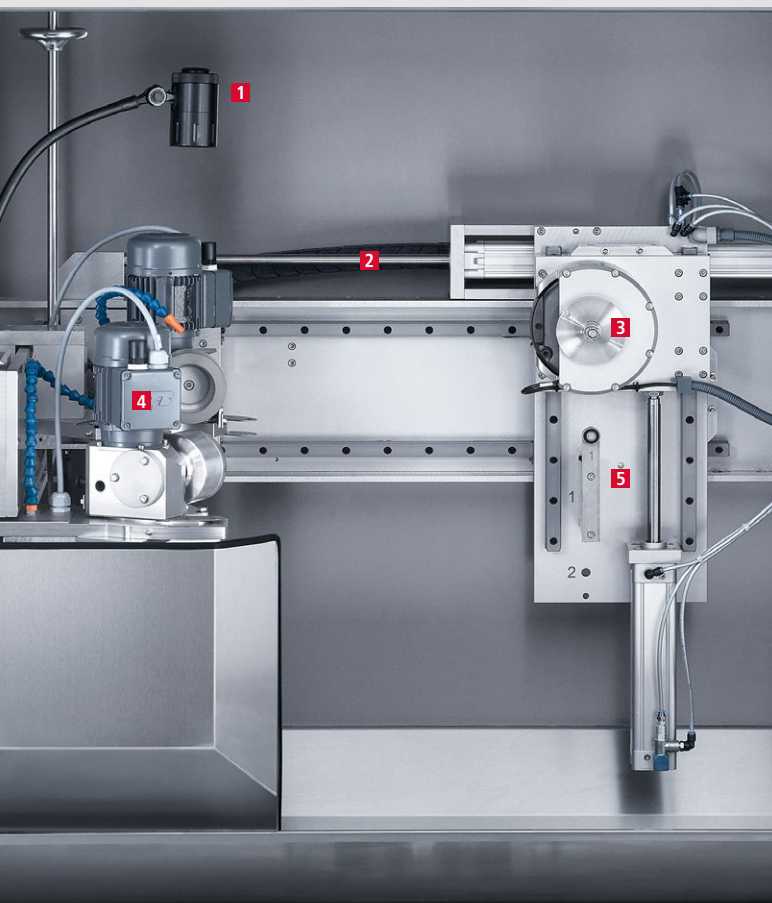
■ Cam disk for circular knives



■ Circular knives up to 700 mm (27.5 in)

The A950II 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, absolutely repeat accuracy.



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

## A 950 II

### Technical specifications and space requirements\*

■ Depth	1045 mm
■ Width	1670 mm
■ Height	1885 mm
■ Weight	approx. 400 kg
■ Depth*	2000 mm
■ Width*	2500 mm
■ Electrical supply	1 kW 3x 400 V 50Hz
■ Back-up fuse	16 A
■ Compressed air supply according ISO 8573-1:2010 [1:4:2]	6 bar
■ Air consumption	50 l per minute
■ Emission sound pressure level according EN ISO 11201	approx. 72 dB (A)
■ 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 2023.11 | Subject to technical modifications.

