



Product information

CANA E

Sharpening machine for circular,
gang and band saw blades

CANA E

The success of this automatic sharpening machine range is down to our customers

The CANA E automatic sharpening machine for straight and bevel grinding is one of the classics in the field of sharpening technology. Since its inception, many thousands of these machines have testified to the outstanding success of this machine concept in sharpening workshops the world over. The secrets of its success: first its universal application in the sharpening of circular, gang and band saw blades. Also characteristic is its compact, heavy-duty design for a long and trouble-free service life; all essential pre-conditions for outstanding grinding results. Through an on-going program of further development, the technical possibilities offered by this outstanding series have been upgraded in line with the requirements of the modern sharpening room.

The CANA E is extremely simple to operate and adjust, even during operation. All the drive elements are located in the enclosed machine housing. The infinitely variable gear box allows the most favourable speed to be selected at all times anywhere between 30 and 75 teeth per minute. The long, generously dimensioned grinding head guide is a determining factor in ensuring the high standard of quality. Grinding wheels with a diameter of 250 mm guarantee a high grinding output, and the optional automatic grinding wheel feed facility leaves the operator free for other work.

We include four different tooth shape cams of your choice in the machine as a standard feature. The required tooth shape is set simply by adjusting a lever.

Saw blades with missing teeth can be simply machined with the aid of the feed pawl assembly. Selection of an optional indexing gear assembly allows the precise profile grinding of circular saw blades with group toothing. The machine is fitted as standard with a dust extraction system which can be connected to a grinding dust filter.

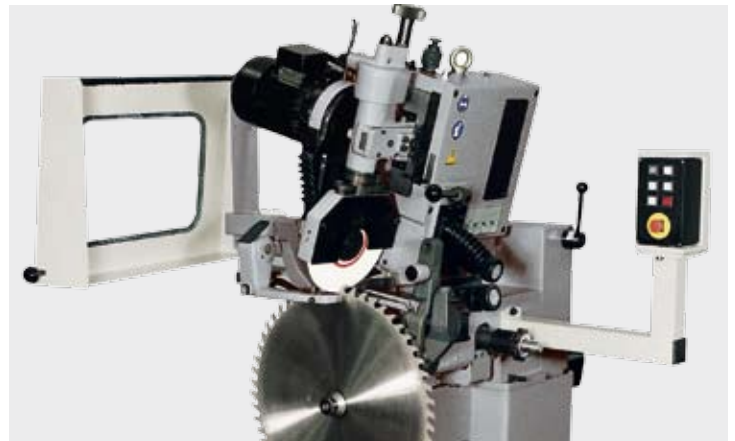


Clamping fixture with clamping carriage and indexing rail for gang saw blade widths of up to 220 mm



On request, a manual central lubrication system is available. A swivel mounted machine enclosure offers effective protection for operating staff. Optional complete enclosure of the machine is also possible for grinding operations involving circular saw blades only, up to 1000 mm in diameter.

With its comprehensive operating range, this sharpening machine solves a wide spectrum of sharpening problems with outstanding speed, reliability and precision.



The standard protective enclosure can be swivelled to one side for access to the machine at any time



Mounting fixture for band saw blades up to 260 mm in width, with or without auxiliary feed

CANA E

Technical data at a glance:

• Circular saw blades	120 to 1250 mm optionally up to 2000 mm
• Band saw blades Blade width	up to 260 mm
• Gang saw blades Blade width	up to 200 mm optionally up to 220 mm
• Tooth pitch	10 to 100 mm
• Tooth height	up to 40 mm
• Blades thickness	0 to 6 mm
• Grinding wheel Outside diameter	250 mm
• Bevel grinding	5°, 10°, 15°, 20° optionally 30°
• Working speed	30 to 75 teeth/min infinitely variable
• Hook angle	-10° to +30° optionally up to +35°
• Stock removal with automatic feed	0 to 0,2 mm
• Connected load with automatic feed	approx. 2.6 kVA / 2.1 kW approx. 3 kVA / 2.4 kW
• Weight	approx. 500 kg

Highlights:

- Universal application possibilities for circular, gang and band saw blades.
- Mature machine concept evolved and proven over decades.
- Compact heavy-duty, closed construction for outstanding grinding results.
- Simple operation, convenient setting.
- Grinding wheels with 250 mm dia. take care of high grinding output.
- Four different tooth shapes of your choice as a standard feature.
- The most favourable working speed at all times through infinitely variable control gear.
- Protective enclosure as standard, full enclosure optional for machining circular saw blades up to 1000 mm dia.
- Interesting options for wider-ranging applications, such as reinforced guide bearing or switching device with indexing disc.
- Optional central lubrication.
- Optional grinding dust filter.
- Optional automatic grinding wheel feed.

Dimensions

