



Product information

Liliput

Sharpening machine for
CV band and circular saw blades

Liliput

This versatile sharpening machine has been in use for many years in a multitude of sharpening shops. Specially developed for precision grinding of narrow band saw blades such as those used in joinery shops, it offers the twin advantages of high grinding accuracy and a low purchase price. It is suitable for straight-grinding both band and circular saw blades.

The optionally available full enclosure contributes to industrial safety and helps reduce emissions. Thanks to its compact size and the vertical path of the band saw, it can be accommodated in even the smallest of workshops. The machine can be supplemented with a tooth setting attachment.

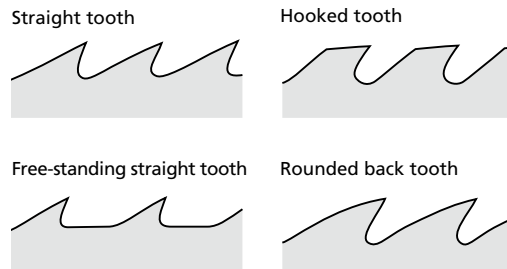
Specifications at a glance:

- Band saw blade
 - Blade width 5 to 70 mm
 - Blade thickness up to 2.5 mm
- Circular saw blade
 - Outside diameter 60 to 650 mm
 - Bore diameter 12 to 90 mm
 - Blade thickness up to 4 mm
 - Tooth pitch 3 to 35 mm (optionally up to 53 mm)
 - Tooth height 1 to 20 mm
- Working speed
 - Standard 48 to 80 T/min
 - Special version Band saw blades 48 to 105 T/min
 - Special version Circular saw blades 28 to 48 T/min
- Grinding wheels
 - Outside diameter 175 mm
 - Bore diameter 51 mm
- Total connected load 0.51 kVA/0.37 kW
- Weight
 - Without full enclosure approx. 140 kg
 - With full enclosure approx. 216 kg
- Dimensions approx. 850 x 560 x 2000 mm

Highlights:

- 2 working speeds.
- Facility for changeover between two different tooth shapes.
- Maintenance-free oil-bath gear.
- Precision grinding spindle.
- Blade thickness setting.
- Locating device for circular saw blades and band saw blades of your choice.
- 2 cams straight/hooked tooth standard. Other tooth shapes on request.

Examples of tooth shapes



With a tooth setting attachment, band saw blades can be automatically set.