

KHB 100/110

Fully automatic sharpening machine for complete machining of the hook and side angles of carbide-tipped circular saw blades

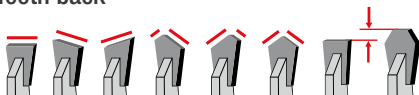


Highlights

- ✓ Tooth face and tooth top are ground against the cutting edge.
- ✓ The space-saving machine concept enables for high ergonomics and excellent operability
- ✓ Blade feed from right to left, including radius tracking
- ✓ Optimal, fast and safe programming and setting of the circular saw parameters.
- ✓ The positioned saw tooth can be finish-ground in one or several passes by automatic down feed
- ✓ Grinding of all tooth geometries, incl. bevel and chamfering, in only one setting
- ✓ The bevel and chamfering grinding angles can be selected individually

Application programmes

Tooth back



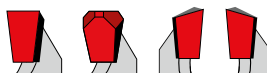
- Straight grinding
- Bevel grinding up to 45° / Chamfering
- Tooth height difference / triple-chip
- Group toothing up to 8 teeth

Tooth face KHB 100



- Straight grinding
- Carbide seat

Tooth face KHB 110

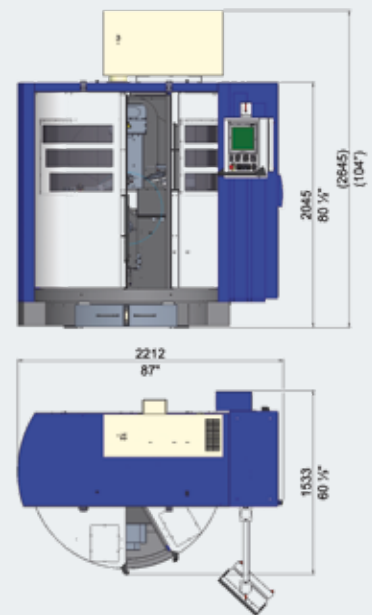


- Straight grinding
- Bevel grinding up to 30°

Machining of top and face surfaces in only one clamping.

The zero point can be determined automatically by probing the grinding wheel on the saw tooth.

Technical Data



GENERAL INFORMATION:

Tooth geometry	programmable
Tooth pitch	8° - 120° mm (*depending on parameters)

Tooth height	up to 40 mm
Blade thickness	up to 8 mm
Rake angle	-12° up to +30°
Tooth face grinding KHB100	straight
Tooth face grinding KHB110	Bevel grinding 0° up to 30°
Tooth back grinding	straight
	Bevel / Chamfering 0° to 45

Circular saw outer Ø	180 - 860 mm
Circular saw bore Ø	22 - 200 mm

Grinding wheel outer Ø	200 - 250 mm
Grinding wheel bore Ø	32 mm

PROPERTIES:

Power grinding motor	2.2 KW
Electrical connection	400V 3Ph 50Hz, 6 kVA
Compressed air	6 bar