

Product Overview

KSC 710

Hightech solution for users with highest demands on quality and a large amount of saw blades to be ground. Efficient automatic operation possible, even for small batches. Short set up and grinding times.

- ✂ Saw blade diameter range: 40 – 710 mm (manual operation) / 75 – 520 mm (automatic mode)
- ✂ Tooth pitch: 1 – 55 mm
- ✂ Chamfering and cutting in of chip breaker grooves.
- ✂ Any stack can be loaded with geometries, tooth pitches and bore sizes.
- ✂ CBN-abrasive grinding
- ✂ Cooling with water emulsion or oil



KSC 710 Basic

Sharpening machine without magazine and loading system.

- ✂ Sharpening machine for re-sharpening, re-toothing and automatic chamfering of HSS metal cutting circular saw blades with 40 – 760 mm diameter.
- ✂ Tooth pitch: 1 – 55 mm
- ✂ Chamfering and cutting in of chip breaker grooves.
- ✂ Magazine with loading system can be added at any time in the future.
- ✂ CBN-abrasive grinding
- ✂ Cooling with water emulsion or oil



EKOSTAR 500

Sharpening machine for metal cutting circular saw blades.

- ✂ HSS, segmental, solid carbide, CV and friction saws
- ✂ Saw blade diameter range: (20) 140 – 500 mm
- ✂ Tooth pitch: 1 – 25 mm
- ✂ Re-sharpening, re-toothing, chamfering, cutting off the teeth
- ✂ Grinding of chip breaker grooves with additional equipment
- ✂ Cooling with water emulsion or oil
- ✂ Absolut indexing precision and a perfect tooth shape through modern CNC-control system.
- ✂ CBN-abrasive grinding with effective cooling guarantees high stock removal rates coupled with optimum surface quality.



EKOSTAR 760

For grinding of HSS, segmental, solid carbide and friction saw blades.

- ✂ Saw blade diameter range: (20) 140 – 760 mm
- ✂ Tooth pitch: 1 – 25 mm
- ✂ Re-sharpening, re-toothing, chamfering, cutting off the teeth
- ✂ grinding of chip breaker grooves with additional equipment
- ✂ CBN-abrasive grinding
- ✂ Cooling with water emulsion or oil



KRD 760

Especially suited larger volume for segmental sawblades. For larger tooth pitches low priced corundum grinding wheels can be used instead of CBN grinding wheels.

- ✂ HSS, segmental, solid carbide, CV and friction saws
- ✂ Saw blade diameter range: (40) 80 – 760 mm
- ✂ Tooth pitch: 1 – 55 mm
- ✂ Re-sharpening, re-toothing, chamfering, cutting off the teeth
- ✂ Grinding of chip breaker grooves with additional equipment
- ✂ Cooling with water emulsion or oil



Product Overview

SW 450

Universal machine for the machining of HSS, segmental and friction saws. Bandsaws and hacksaws can also be ground with a special device.

- ✎ Saw blade diameter range: 22 – 450 mm
- ✎ Band saws: 5 – 60 mm width
- ✎ Hack saws up to 600 mm length, min. tooth pitch admitted: 1.5 mm
- ✎ Re-sharpening, re-toothing, chamfering, removing of teeth
- ✎ Tooth pitch: max. 20 mm



SW 630-ST

For cutting in of chip breaker grooves into metal cutting circular saw blades.

- ✎ Saw blade diameter range: (140) 165 – 630 (650) mm
- ✎ Tooth pitch 3 – 50 mm, variable tooth pitch also
- ✎ CBN-grinding wheels
- ✎ Wet grinding



Type 1000 / 2000

Automatic sharpening machines for grinding friction and hot saws with vitrified grinding wheels.

Type 1000

- ✎ Saw blade dia. range: (120) 400 – 1000 mm
- ✎ Tooth pitch: 10 – 100 mm (152 – 432 teeth)
- ✎ Tooth height: up to 35 mm
- ✎ Saw blade thickness: 3 – 10 mm

Type 2000

- ✎ Saw blade dia. range: 360 – 2000 mm
- ✎ Tooth pitch: 8 – 90 mm (125 mm with indexing dev.)
- ✎ Tooth height: up to 35 mm
- ✎ Saw blade thickness: up to 12 mm



CNBS 80

CNC – controlled band saw sharpening machine for re-sharpening of CV-, bimetal- and tungsten carbide tipped (TCT) bandsaws with wet grinding.

- ✎ Bandsaw width: 8 – 80 mm
- ✎ Tooth pitch: 3 – 34 mm
- ✎ Band saw length: 2800 mm – 7000 mm (longer on request)
- ✎ Hook angle from 0 to +25 degrees
- ✎ Programmable tooth contour
- ✎ A variety of tooth pitches can be ground with the same grinding wheel
- ✎ Excellent surface finish using of CBN- or diamond grinding wheels



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