

Circular Saw Blades

PowerStar 850

Low-cost and versatile CNC controlled entry-level machine for processing of metal cutting circular saw blades. Cutting in chip breaker grooves with an additional attachment. Manual insertion of the grinding wheel, semi-automatic chamfering.

Saw blade Ø grinding: (40) 130 – 850 (920) mm

Saw blade Ø chamfering: (105) 145 – 850 (920) mm

Saw blade Ø cutting in chip breaker grooves: (115) 180 – 710 mm



solution K850-T

High-tech machine for complete processing of metal cutting circular saw blades. Cutting in chip breaker grooves with an additional attachment. Complete machining of TA saw blades (thin kerf saw blades with a chip-guiding notch) possible. Advantages: Very high degree of automation! Separation of machine set up and machine operation possible.

Saw blade Ø grinding: (40) 130 – 850 (920) mm

Saw blade Ø chamfering: (105) 145 – 850 (920) mm

Saw blade Ø cutting in chip breaker grooves: (115) 180 – 710 mm



evolution K850-M

Ideal entry-level machine for unmanned running. Compact service centre with loader for cost-effective sharpening and chamfering of metal cutting circular saw blades, ideally suited for small and medium-sized businesses or entry into unmanned production. Processing of TA saw blades (thin kerf saw blades with a chip-guiding notch) possible.

Saw blade Ø grinding manual: (40) 130 – 850 mm

Saw blade Ø grinding automatic: (75) 130 – 520 mm

Saw blade Ø chamfering: (105) 145 – 850 mm



KSC 710-T

Innovative service centre for unmanned sharpening, re-sharpening, chamfering and cutting in chip breaker grooves in metal cutting circular saw blades. Ideal for high grinding volumes, maximum flexibility for re-sharpening and re-toothing, ideal for service and production. Complete and fully automatic processing of TA saw blades (thin kerf saw blades with a chip-guiding notch) possible.

Saw blade Ø grinding manual: (40) 130 – 710 mm

Saw blade Ø grinding automatic: (75) 130 – 560 mm

Saw blade Ø chamfering: (105) 145 – 710 mm

Saw blade Ø cutting in chip breaker grooves: (120) 185 – 560 mm



SW 450

Conventional sharpening machine for grinding HSS and segmental circular saw blades with pointed and curved teeth.

Saw blade Ø grinding: 22 – 450 (550) mm

Tooth pitch: up to 25 mm

SW 630-ST

Single-purpose machine for cutting in chip breaker grooves in metal cutting circular saws with automatic offset of the grinding wheel.

Saw blade Ø cutting in chip breaker grooves: (140) 165 – 630 (650) mm

Tooth pitch: 3 – 50 mm, variable tooth pitch possible



Band Saws

SW BA 80N

Machine for re-sharpening of CV band saw blades with consistent tooth pitches.

Band saw width: 10 – 60 mm or 55 – 80 mm

Tooth pitch: 3 – 30 mm

SBS 80

Automatic setting machine for CV band saw blades.

Band saw width: 10 – 80 mm

Tooth pitch: 5 – 35 mm



Quality Assurance

TC 720

Precision measuring device for checking the tooth geometry of circular saw blades. Measurement results can be captured and stored, printed or sent via e-mail. Expandable e.g. for measuring band saw blades or mini gang saw blades.

Measuring range circular saw blades outside Ø: 40 – 720 mm



Grinding wheel PowerGrind / TurboGrind

CBN and diamond grinding wheel: original Loroch grinding wheels - affordable and perfectly matching our machines.

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