

# SW 630-ST



Cutting in chip breaker slots on metal cutting  
HSS- circular saw blades and carbide or cermet tipped blades  
up to 630 mm diameter



- + Use of CBN grinding wheels and water coolant
- + All control elements of the automatic slot grinder are clear and easily accessed
- + Short set up and grinding times

# Working method

A pre sharpened saw blade is clamped into the machine. The reciprocating mechanism for alternate slot cutting and the depth of the chip breaker slots are set by the means of adjusting screws. The values for alternate slot cutting can be checked by a dial gauge.

The built in electronic teeth counter stops the machine automatically after the number of preset teeth are completed. The machine is fitted with an air operated high speed grinding spindle.

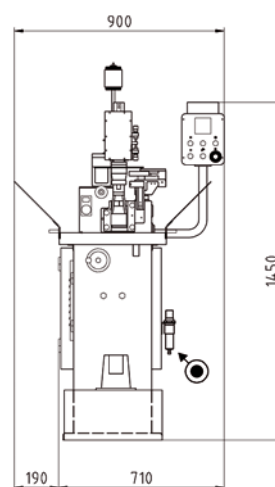
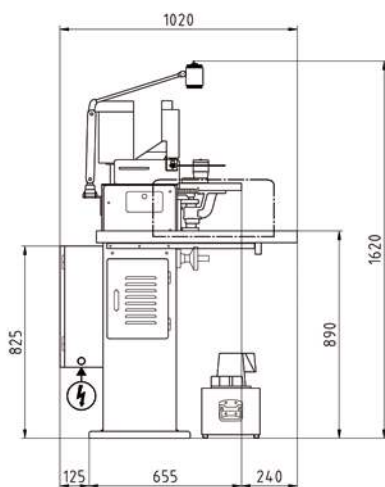
The standard grinder is for wet grinding. The machine is also suitable for sawblades with variable tooth pitch.



Fast saw blade tensioning system

# Technical data

Working range	
Saw blade diameter	165 – 630 (650) mm, (optionally from Ø 140 mm)
Tooth pitch	3 – 50 mm (also variable tooth pitch)
Saw blade thickness	6 mm
Rate of grinding	approx. 7 – 50 tooth/min.
Grinding wheels	
CBN	Ø 25 or 30 mm
Bore size	Ø 8 mm
Thickness	(0.2) / 0.3 / 0.4 / 0.5 mm
Grinding speed	approx. 30000 U/Min.
Air requirements	
Compressed air supply (buyer's care) min. 6 bar (about 85 p.s.i.), 225 l/min.	
Electrical installation	
Machine input power	approx. 0.4 kVA
Weight	
Machine	approx. 180 kg
Dimensions (W x D x H)	
900 x 1020 x 1450 mm	



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