



SW 630-ST

Automatic Slot Grinder

✦ For cutting in chip breaker slots on metal cutting circular saw blades up to 630 mm diameter.

SW 630-ST

All control elements of the grinder are clear and easily accessed. Its short set up times mean high productivity and economical effectiveness.

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.

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. 24 – 50 tooth/min.

Grinding Wheels

CBN-grinding wheel	25 or 30 mm
Bore size	8 mm
Thickness	(0.2) / 0.3 / 0.4 / 0.5 mm
Grinding speed	approx. 30000 U/min.

Electrical installation

Power input machine	approx. 0.4 kW
---------------------	----------------

Weight

approx. 180 kg

Air requirements

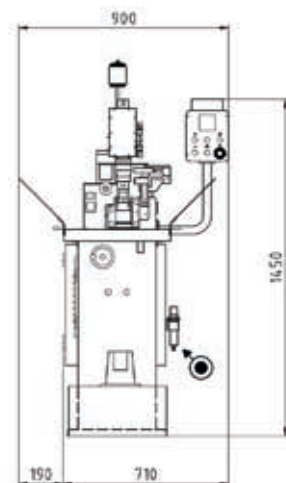
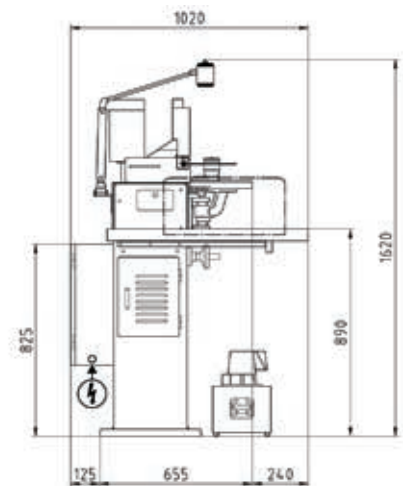
Compressed air supply (buyer's care) min. 6 bar (about 85 p.s.i.), 225 l/min.

Dimensions (W x D x H)

900 x 1020 x 1450 mm



Fast saw blade tensioning system



Contact

Loroch GmbH
Josef-Loroch-Str. 1
69509 Mörlenbach, Germany

phone: +49 (0)6209 7159-50
+49 (0)700 56762433
+49 (0)700 lorochde

fax: +49 (0)6209 7159-38
e-mail: info@loroch.de
web: www.loroch.de