

SG-1

Saw Blade Grinding Machine

» Mechanism

All cast-iron components are made from DUCTILE IRON (FCD-45), wear resisting to assure precision.

» Tooth Profile

Simply shift between Straight tooth (A type) and Curved tooth (B type).

» Saw Blade

During saw blade install, the blade thickness setting is quick and accurate according an indicating meter.

» Speed

Driving speed change by a stepless adjusting device, regard to change speed for different blade pitch promptly.

» High-Low Tooth

Alternate high/low teeth shall be accomplished by one pass. The teeth height difference is variable and read out from indicating meter, thus you got a perfect sharpening result.

» Chamfer

Teeth chamfering is easily made without need to replace grinding wheel, only swings upward or downward to aim the indication plate.



PERFORMANCES

Instruction / Model	SG-1
A type Straight tooth	✓
B type Curved tooth	✓
BW type Curved tooth / Alternately chamfered	✓
C type High-Low curved tooth	✓
Pole-changing motor of variable driving speed	✓
Stepless adjusting of driving speed	✓

✓ _ available X _ unavailable

GRINDING TEETH PROFILE

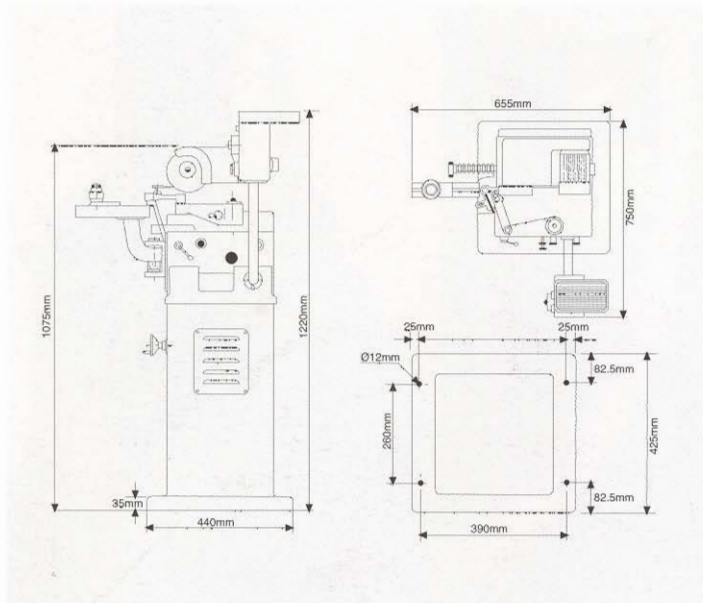


SPECIFICATIONS

Instruction/Model	SG-1
Saw blade capacity	ø50~ø450 mm
Pitch range	Max. 25 mm
Depth of teeth	Max. 8 mm
Range of cutting angle	-5° ~ 30°
Feeding speed	45~180 teeth/min
Thickness of saw blade	Max. 8 mm
Grinding wheel diameter	ø75~ø150 mm
Wheel inner diameter	ø25 mm
Grinding wheel speed	4200 rpm
Grinding wheel motor	0.55kw 2p
Driving motor	0.37kw 2p / 4p
Dust suction motor	0.37kw 2p (optional acc.)
Net weight	130kgs
Gross weight of packing	180kgs
Packing size (W x H x D)	800 x 1410 x 800 mm

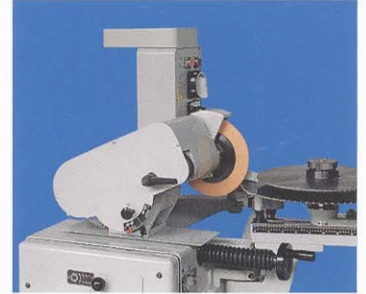
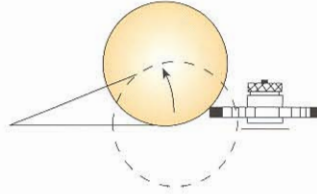
*The above specifications subject to change without prior notice.

PLANT DRAWING

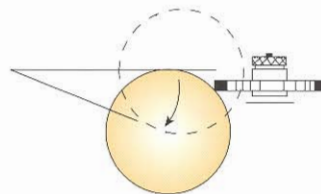


GRINDING TEETH CHAMFER

- Grinding head swings up-wards, grinding off the upward chamfer.



- Grinding head swings down-wards, grinding off the downward chamfer.



STANDARD ACCESSORIES

Grinding wheel	10 pcs.
Index plate	2 pcs.
Working lamp	1 set
Tools	1 set
User's manual	1 set

OPTIONAL ACCESSORIES

Grinding wheel	
Index plate	
Dust suction equipment	
Small saw blade holder (available min. ø50mm)	
Enlarged saddle & holder (available max. ø650mm)	

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