



abm

Grinding Technologies



**A-45
BAND SAW
GRINDER**



**SCM-I
AUTOMATIC BAND SAW
SETTING MACHINE**

A-45 GENERAL FEATURES

- * Automatic band saw grinding machine up to 120mm width.
- * Dry grinding.
- * On/off switch.
- * Max. 30mm tooth pitch.
- * Feed rate 45teeth/min. or 90teeth/min.
[to be stated on order]
- * Fast and precise grinding of NV, NU, KV tooth forms.
- * Simple and fast adjustment.
- * Manual lubrication center.
- * Manual saw holder front tool lifting.
- * Standard saw blade holder legs.
- * Ensuring precise grinding surface.

A-45 TECHNICAL SPECIFICATIONS

* Band saw width	10-120mm
* Tooth pitch	0-32mm
* Tooth depth	Adjustable
* Tooth forms	NV, NU, KV
* Band saw infeed angle	0-17°
* Blade thicknesses	0.6 – 3.2mm
* Feeding rate	45 or 90 teeth/min.
* Motor quantity	1
* Grinding wheel diameter	Ø200mm
* Grinding wheel bore diameter	Ø20mm
* Grinding wheel thickness	6/8/10mm
* Operating voltage	380V, 3Ph, 50-60Hz
* Total power	0,55kW
* Net/gross weight	95/120kg
* Dimensions	80*120*140cm



Fast grinding of band saws
up to 100mm width.



Rigid band saw holding.



Tooth Forms



SCM-I

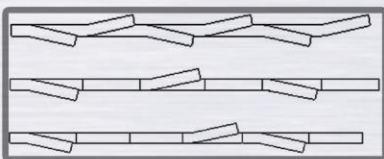


SCM-I GENERAL FEATURES

- * Automatic band saw setting in right-left, right-left-straight and right-left-straight-straight forms.
- * Setting amount adjustable according to the wood material to be cut and depth of the band saw to be used in cutting.
- * Automatic and equal setting providing:
 - smooth cutting surface,
 - equal and less stock removal,
 - more proper geometrical shape on wood cut compared to manual setting.
- * Fast and time saving.
- * Equal pressure on each teeth by proper setting.
- * Preventing tooth breakages.
- * Ergonomic use.
- * Stable machine base.
- * Ease of operation.
- * On-off switch.
- * Simple adjustments.
- * Standard saw holder legs.
- * Automatic or manual operation.

SCM-I TECHNICAL SPECIFICATIONS

* Band saw width	10-100mm
* Indexing stroke	0-60mm
* Feeding rate	40 teeth/min.
* Band saw length	8000 mm
* Motor power	0,37kW
* Motor quantity	1
* Voltage	380V, 3Ph, 50-60Hz
* Total power	~0,55kW
* Net/gross weight	275/300kg
* Dimensions	80*120*175cm



Tooth Forms



Precise and
equal tooth setting



On-off switch providing
ease of operation.
Either automatic or
manual work.