



SATURN MACHINE
KNIVES®

KNIFE SHARPENING MACHINE AM-BM



AM - BM



The AM and BM model grinding machines, in their standard versions, are ideal for sharpening planer knives as they are supplied with a mechanical clamping kit for grinding 4 planer knives together on the mechanical chuck with T-slot.

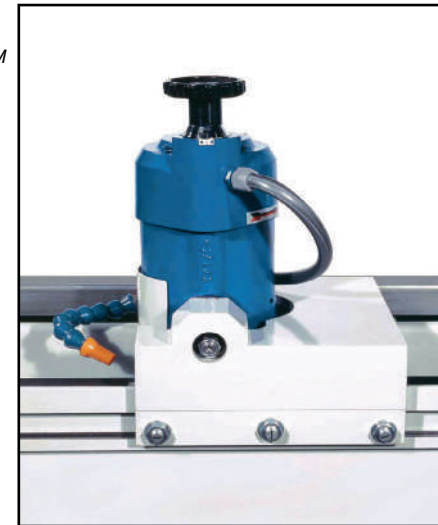
The model AM features manual downfeed of the grinding wheel, and is designed principally for sharpening planer knives and is the simplest and most economical grinding machine produced by MVM.

The BM model features automatic downfeed of the grinding wheel, and can also sharpen other types of blades with the appropriate accessories:

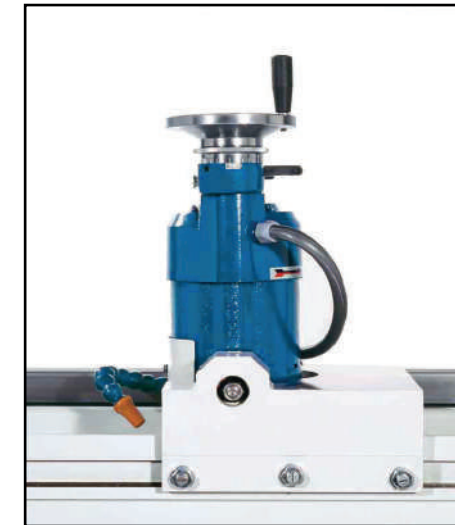
- planer Knives;
- disposable planer knives (e.g. Tersa, etc);
- hard metal (HM) inserts;
- wood chipper knives,
- granulator blades for plastic materials.

Both AM and BM models are available with grinding length of 650 mm and 850 mm.

Version AM



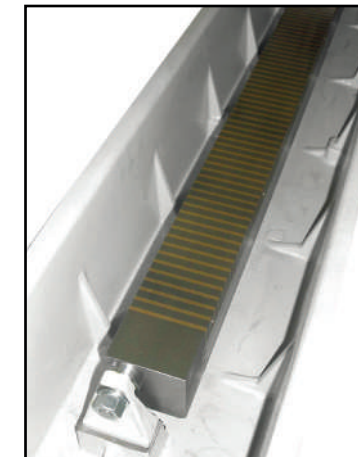
Version BM



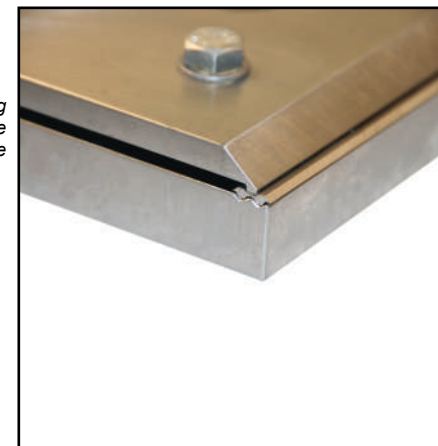
Kit for sharpening planer knives



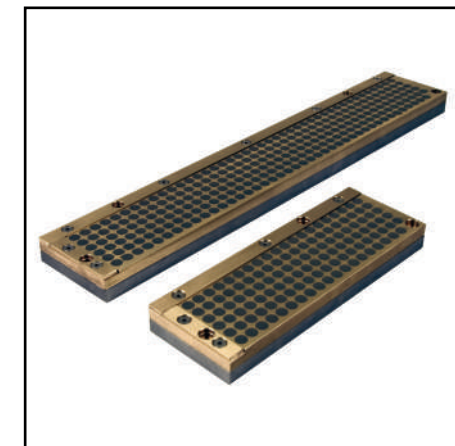
Rotating magnetic chuck



Mechanical clamping system for disposable blade



High power magnetic chuck for carbide knives inserts (TCT)



Grinding length	650 mm
	850 mm
Grinding wheel motor power	1,5 kW
Grinding wheel speed	2800 n/mm
Clearance between grinding wheel and chuck	30 mm
Grinding wheel diameter	127 mm
Grinding wheel centre hole size	16 mm
Carriage speed	11 n/mm
Two speed carriage (optional)	5,5-11 m/min
Variable carriage speed(optional)	1-11 m/min
Overall dimensions with base	1500x500x1370 mm
	1700x500x1370 mm
Net weight with base	170 kg
	190 kg

Upon request:

- Machine base;
- Magnetic chuck;
- Two speed carriage 5,5 and 11 m/min;
- Variable carriage speed 1-11 m/min;
- Edge reference bar;
- External tank and pump;
- Carriage run reduction switch;
- Clamping tools for disposable knives (Tersa, Centrofix, Terminus, Kanefusa, Sinus, Weinig);
- High power open field magnetic chuck for HM inserts.



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Unit 12 Parkway Close, Darnall,
Sheffield S9 4WJ
0114 278 9090
sales@saturnmachineknives.co.uk
www.saturnmachineknives.co.uk