

MEFE
MITCHELL ENGINEERING
FOOD EQUIPMENT PTY LTD

Instruction Manual



Diamond Power Knife Sharpener

CAT 13920

Revision 2

Thank you for your purchase of the MEFE Diamond Sharpener, please take a few moments to read this Manual for the safe usage and operating procedure

Specifications:

Abrasive:	Diamond
Sharpened Angle:	34°
Grinding Wheel Dia:	20mm
Motor:	24V DC with 110/240V Power Supply
Noise Level:	<80 dBa (Whisper Quiet)
Size:	200 x 60 x 80mm
Weight:	850g
Dust Collection:	Magnetic
Use:	For domestic and light commercial use, such as small shops and small restaurants

Care and safety:

Remove the cap in the base and clean the magnet every month (see figure 1 and 2 below)

Do not immerse the sharpener in water

Do not place in a dishwasher

Glean the exterior with a damp cloth

Not for use by children

Do not drop

Do not dispose with general household waste, dispose according the local regulations or return to MEFE



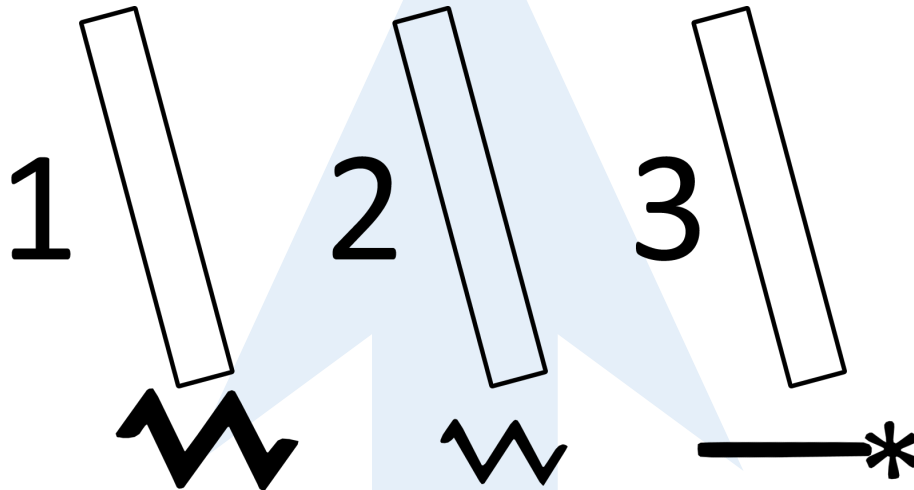
Figure 1
Closed Dust Collection



Figure 2
Open Dust Collection

The CAT 13920 has 3 slots for sharpening,

1. Coarse grinding wheels nearest the main body, this is for forming the 34° angle on badly worn or damaged blades.
2. Fine grinding wheels in the middle slot, this is for everyday sharpening of most blades
3. The end slot contains a honing, rather than an abrasive wheel, this gives a fine finish to the cutting edge and should be used the most often.



Sharpening a badly blunt or damaged blade:

1. Plug the unit into a standard socket, there is no switch on the sharpening so the motor will start straight away.
2. Gently lower the blade into slot 1 near the handle end.
3. Slowly pull the blade back and forth until a new edge is formed. This could take between 5 and 30 strokes depending on how badly worn the blade is.
4. Move the blade to the middle slot (2) and repeat the sharpening; it should take only 4 or 5 strokes if the previous operation was completed correctly.
5. Move the blade to the end slot (3) and repeat the procedure in step 4.

Once the blade has been sharpened, it can be kept sharp by regular use of the honing wheels in slot 3 and occasional use of the fine wheels in the middle slot.

Overuse of the grinding wheels will cause premature wear on the blade.

It is important not to press too hard; a medium size blade should sharpen under its own weight, where as a small blade may need extra pressure, and a large blade less.

