

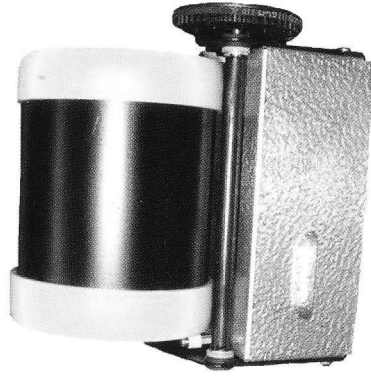
EVANS LAPIDARY

Instruction Manual
For
Mini Tumbler (Product code 200-000)
&
Junior Tumbler (Product code 200-010)

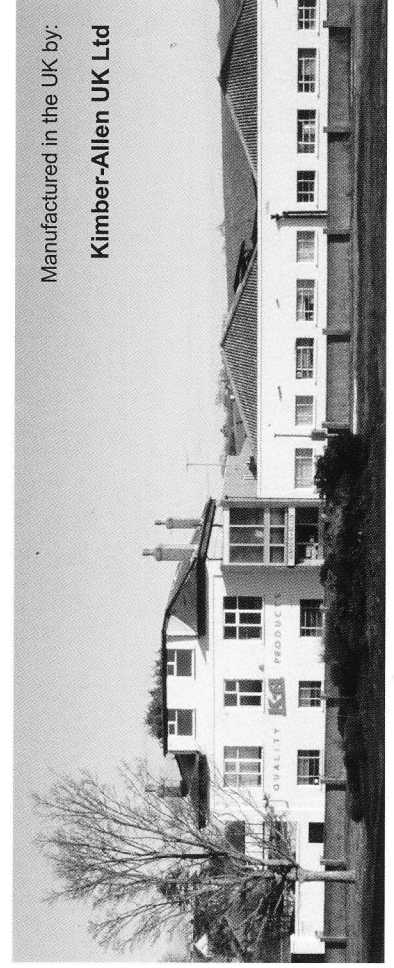
Mini Tumbler



Junior Tumbler



Barrel Supplied Separately



Manufactured in the UK by:

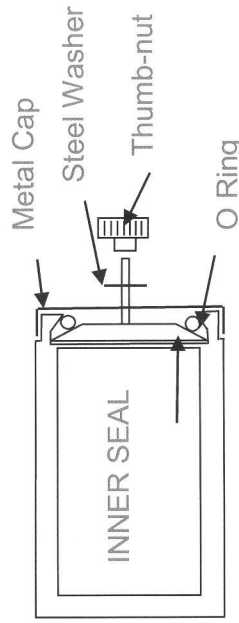
Kimber-Allen UK Ltd

Safety Instructions

1. The machine should only be connected to a power supply of 240 volts AC and **MUST BE EARTHED**. Use a 3AMP FUSE.
2. Never use the machine with wet hands. Do not expose the machine to rain and do not use in wet or damp locations.
3. Do not abuse the cord. Never pull to disconnect it from socket. Keep cord away from heat, oil and sharp edges.
4. Keep machine clean for a better and safer performance.
5. Disconnect machine when not in use and before servicing. Follow instructions for lubricating.
6. Always take the barrel away from the machine to charge or empty it, grinding grit is fatal to any machine.
7. **Once a fortnight** unplug the machine from the mains and add 1 or 2 drops of light oil to the motor bearings and to the ends of the shaft to keep them well lubricated so that the oil does not dry out.
8. Leave the belt as slack as possible so that it does not slip: Do not over tighten.
9. Do **NOT** disassemble machine at all. If a problem persists, return to the stockist where the machine was purchased.

Rubber Barrels

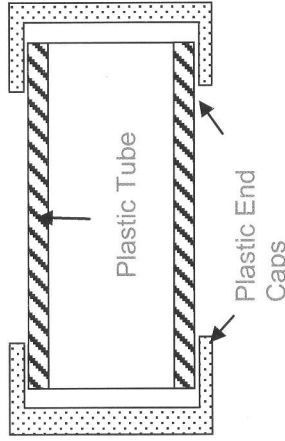
Remove the thumb-nut and washer. Pull off the metal cap and remove the O-Ring. Pull off the inner seal with a slight sideways motion. Replace in reverse order making sure that all surfaces are clean. It is advisable to lightly smear Vaseline over the surfaces to reduce the likelihood of leakage. To help reduce friction on the tumbler shafts, lightly dust ends of barrels with French chalk or talcum powder.



Plastic Barrels

The mini takes one 900gms (2lbs) barrels 10cms long. The junior takes one 1400gms (3lbs) barrels 15cms long or two 700gms (1.5lbs) barrels each 8cm long. To open the long-life plastic barrel push either end cap off with your thumbs. When new they are sometimes tight, but if the barrel lid is held under running hot water for a few moments it expands – faster than the body – and can be removed more easily. If necessary, warm cap again when replacing and keep surfaces clean.

When replacing the lid ensure that all the surplus air has been expelled from the barrel, by lifting one side of the lid with your fingers as you press the centre of the cap with your thumbs – you will hear the air hiss out. Make absolutely sure that the caps are on properly and as far as they will go – **THIS IS MOST IMPORTANT**.



1 Year Warranty

The products of Kimber-Allen UK Ltd, when properly operated are guaranteed against faulty materials or workmanship for a period of 1 year.

The warranty is invalid, if the products have endured excessive wear due to overloading or any external damage due to misuse, neglect or accident. Any attempt to disassemble the unit will immediately invalidate the warranty.

We shall not be liable for the shipping cost of the returned product, only the repair and replacement of any faulty parts.

The warranty is valid for 1 year from date of purchase.

Your tumble-polisher will give excellent results: if used correctly. Please read the enclosed leaflet carefully and retain for future reference!!

Care of your Tumble Polisher

PROBLEM SOLVING:

This tumbler has been tested and should be trouble-free but to ensure successful operation the rollers must turn absolutely freely: never use less stones if the operation is hesitant.

Check all the bearings, as too tight may glaze the rollers and barrel through slippage, requiring a slight sanding with coarse sandpaper to restore a positive drive.

Do not get oil on the rollers.

Excessive belt wear can be caused by faulty belt (outside manufactures control) or by pulleys that have been knocked out of alignment (they can be gently prised back into line).

Always realise that, although the machine has adequate power, it cannot operate with bearings that are locked solid with grit and sludge. **KEEP IT CLEAN.**

Remember to remove the plug from the mains supply when cleaning or oiling the machines.

If problems persist then read the instructions carefully, again. It is almost certain that the problem is trivial and can be rectified with a few moments thought – the most common problem encountered is where drive belts have been tightened, thus robbing the motor of power.

If the rollers cannot spin freely it is like driving a car with the handbrake on!

OILING & MAINTENANCE:

The machine is oiled when it leaves the factory and is ready for immediate use but will require periodic lubrications, while in use, as follows. Auto engine oil is better than thin cycle or sewing machine oil.

WEEKLY

Apply **ONE DROP** of oil to the steel shafts on the rollers where they pass through the bearing.

MONTHLY

Apply **ONE DROP** of oil to the motor shaft where it protrudes – allowing it to run back into the motor bearing. If the machine is fitted with barrel stop, it will help if a small amount of oil is applied, to the stop, to reduce friction.

It sets like concrete, even underwater. Do your washing up in a bucket and dispose of the slurry on the garden (it is quite harmless), or allow the water to settle and siphon off the clear water. Let the remaining sludge dry out and throw it in the bin.

**DO NOT ALLOW
THE SLURRY TO
GET INTO THE
WASTE PIPES OF
YOUR HOUSE**

