

# Automatic Wire Polishing Machine

## MODEL: WPA 1S, 2S & 3S



These machines are designed and developed for resizing and repolishing of the bearing length of Polycrystalline, Natural and Mono Diamond dies.

The Machine is manufactured with precision engineering and especially consists of self centering type oscillating die holder and reciprocating wire clamping device. Die rotation and stroke speeds are continuously variable. Individual controls are provided for die rotation, stroke and oscillation. All operations are controlled by electronic timer with digital display. Spindle and stroke motors are controlled through AC drives. The model WPA2S & 3S is having same features as WPA1S but with independently controlled spindles. The machine is supplied with a set of spares and standard accessories which makes a package and ready to use.

### For best results always use Mikrotek Diamond powders

\*Hand wire puller can be supplied as an optional accessory.

\*WPAB1S model is used for die sizes up to 10 mm.

Specification are subject to change without prior notice.

Model	WPA1S/2S/3S
No of spindle	One / Two / Three
Stroke length	75 mm
Die size range	0.010 – 2.5 mm
Die speed	0 – 3000 rpm
Stroke speed	0 – 400 double strokes/min
Die oscillation	0 - 40° (20° each side)
Case Dia	25 & 28 mm
Case Hight	6 to mm
Timer	1 sec – 59 hrs
Input voltage	220 Volts, 50 Hz, 1 phase
M/c Dimensions – 1S	19 X 21 X 28 Inches
M/c Dimensions – 2S	36 X 21 X 28 Inches
M/c Dimensions – 3S	53 X 21 X 28 Inches
Net weight	85/150/274
Gross weight	145/230/384

**Standard accessories:** Mains chord -1no, Container for Diamond paste-7nos, Olive oil-100ml, Round Belt- Dia 6X600mm-1no, Timer Belt 220XL-1no, M6 knob – 4 no's, Latch Switch 24V,DC-1no, Pot Meters – 2 no's, Fuses- 5 Amps-5nos, Oil Can



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WPA

Diamond Powder

ND Dies

Mono Dies

SMP Dies