

Kemet

Series 36 PRECISION DIAMOND FLAT LAPPING & POLISHING MACHINES



Kemet 36 Pneumatic Lift Model

The Kemet 36 is constructed with a rigid welded tubular section steel frame, which supports the gearbox, drive motor and worktable. It also houses an integral abrasive compound feed and waste tank behind lift off access panels.

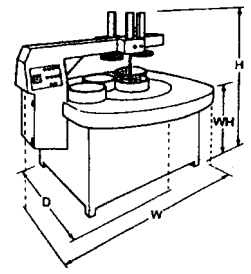
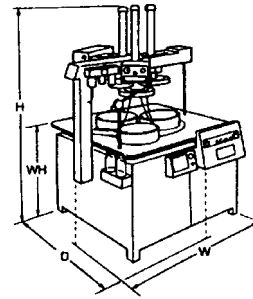
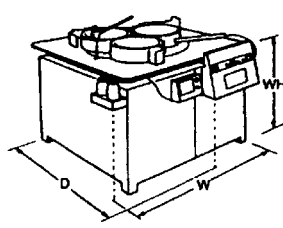
The Kemet 36 incorporates as standard a soft starting feature, which will smoothly accelerate the lapping plate from standstill to full speed, over a pre-determined time period.

- Produces optically flat surfaces with high precision surface finish.
- Reduces lapping costs - fully controllable Kemet Electronic Dispensing System accurately meters diamond abrasive onto the lapping plate.
- Built in Abrasive System for conditioning Kemet Plates.
- Electrical System complies with EN 60 204.
- Versions available for standard and production applications.

Kemet® Series 36

PRECISION DIAMOND FLAT LAPPING & POLISHING MACHINES

TECHNICAL DATA



OPTIONS

- Variable speed
- Temperature controlled lapping / polishing plates
- Additional guarding

KEMET 36 OPEN FACE

The open face machines are for use where work pieces are either large in size or small in quantity and where pressure application by hand weights is sufficient.

KEMET 36 PNEUMATIC LIFT

The pneumatic lift machines will raise and lower the weights and also apply pressure where this is necessary. All are fitted with mandatory safety controls.

KEMET 36 DROP TABLE PNEUMATIC LIFT

The pneumatic lift drop table machines are supplied with 2 sets of control rings with the facility for 1 set of rings to be loaded during the lapping/polishing process thus helping to automate high volume production procedures.

Height (H)	-	2000mm	2000mm
Working Height (WH)	940mm	940mm	940mm
Width (W)	1500mm	1500mm	2275mm
Depth (D)	1650mm	1650mm	1850mm
Nett Weight	870kg	1400kg	2050kg
Nett Weight (Export Packed)	1220kg	1880kg	2665kg
Lapping Plate Diameter	915mm	915mm	915mm
No. of conditioning rings	3 or 4	3 or 4	3 + 3
Inside Diameter of Conditioning Rings	3 x 368mm 4 x 322mm	3 x 368mm 4 x 322mm	6 x 368mm
Lap Plate Speed	58RPM	58RPM	58RPM
Main Motor	4kW	4kW	4kW
Abrasive Pump Motor	0.09kW	0.09kW	0.09kW
Air requirements	1 Bar min 5 Bar max	4 Bar min 5 Bar max	4 Bar min 5 Bar max
Electric Dispensing Equipment	Standard	Standard	Standard
Electrical Supply	3 Phase 220/240v 50Hz or 380v 50Hz or 415v 50Hz	3 Phase 220/240v 50Hz or 380v 50Hz or 415v 50Hz	3 Phase 220/240v 50Hz or 380v 50Hz or 415v 50Hz

For more information on Kemet Lapping and Polishing Plates please refer to Data Sheet and for Liquid Diamond Dispensing Products refer to Data Sheet 5:2.

Other sizes of Kemet Lapping and Polishing Machines are available.

Although the details shown are correct at time of printing, Kemet International Ltd reserve the right to alter or modify the specification of their products without prior notification.

KEMET INTERNATIONAL LTD.

Parkwood Trading Estate, Maidstone, Kent, ME15 9NJ, United Kingdom. Tel: 01622 755287. Fax: 01622 670915
E-mail: sales@kemet.co.uk Web: www.kemet.co.uk