

Kemet

Series 24

PRECISION DIAMOND FLAT LAPPING & POLISHING MACHINES



Kemet 24 Open Face Model

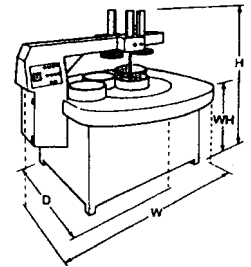
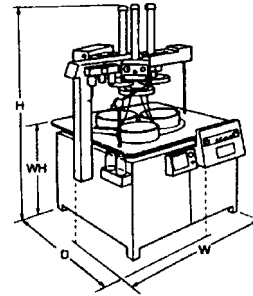
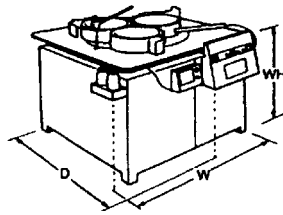
The Kemet 24 is constructed with a rigid welded tubular section steel frame, which supports the gearbox, drive motor and worktable. It also houses an integral abrasive compound feed and waste tank positioned behind lift off access panels.

- 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 24

PRECISION DIAMOND FLAT LAPPING & POLISHING MACHINES

TECHNICAL DATA



OPTIONS

Soft start and variable speed

Temperature controlled lapping/polishing plates

Additional guarding

KEMET 24 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 24 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 24 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)	-	1925mm	1925mm
Working Height (WH)	915mm	915mm	915mm
Width (W)	1240mm	1240mm	1700mm
Depth (D)	1350mm	1350mm	1540mm
Nett Weight	555kg	700kg	980kg
Nett Weight (Export Packed)	730kg	997kg	1297kg
Lapping Plate Diameter	610mm	610mm	610mm
No. of conditioning rings	3 or 4	3 or 4	3 + 3
Inside Diameter of Conditioning Rings	3 x 248mm 4 x 210mm	3 x 248mm 4 x 210mm	6 x 248mm
Lap Plate Speed	58RPM	58RPM	58RPM
Main Motor	1.5kW	1.5kW	1.5kW
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 230v 50Hz or 380v 50Hz or 415v 50Hz	3 Phase 230v 50Hz or 380v 50Hz or 415v 50Hz	3 Phase 230v 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.

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