

Kemet

Series 15 BENCH MOUNTED PRECISION DIAMOND FLAT LAPPING & POLISHING MACHINES



The Kemet 15 is a bench mounted Lapping Machine of rigid metal construction with a Work Table, adjustable for height. It incorporates a digital Process Timer and a fully automatic Liquid Diamond Dispensing System.

- Produces optically flat surfaces with high precision surface finish.
- Reduced waste - only small quantities of diamond abrasive and non-toxic fluids are used.
- 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.

Kemet[®] Series 15

BENCH MOUNTED PRECISION DIAMOND FLAT LAPPING & POLISHING MACHINES

TECHNICAL DATA

Fixed Speed
3 Phase

Variable
Speed Single
Phase

**KEMET 15
FIXED SPEED
3 PHASE**
For all diamond
flat lapping
applications.

Height	700mm	700mm
Working Height	310mm	310mm
Width	750mm	750mm
Depth	600mm	600mm
Nett Weight	100kg	100kg

Lapping Plate Diameter	380mm	380mm
No of conditioning rings	3	3
Inside Diameter of Conditioning Rings	140mm	140mm

**KEMET 15 VS
VARIABLE
SINGLE PHASE**
For light duty
diamond lapping
applications where
variable speed
control is required.

Main Motor	0.37kW	0.37kW
Abrasive Pump Motor	0.06kW	0.06kW
Air requirements	1 Bar min 5 Bar max	1 Bar min 5 Bar max

Electronic Dispensing equipment	Standard	Standard
Digital Tachometer	N/A	Standard

Hand Weights	3kg standard	3kg standard
Lift Off Disc Assembly	Optional	Optional

Shoulder Lapping Conversion	Optional	Optional
Metallurgical Polishing Conversion	Optional	Optional

Electrical Supply	3 Phase 415v 50Hz or 380v 50Hz Special voltages are available on request	Single phase 230v 50Hz
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