

Kemet 24/36 Models

Both Kemet 24 and 36 machines have rigid welded tubular section steel frames, supporting the gearbox, drive motor and worktable. With the option of a diamond dispensing system they also house an integral abrasive compound feed and waste tanks behind lift-off panels. The Kemet 36 machine incorporates a soft starting feature, which smoothly accelerates the Kemet Composite or cast iron lapping plate from stand still to full speed (optional extra for Kemet 24).



Features & Benefits:

- Produces optically flat surfaces with high precision surface finish
- Fully controllable Kemet Electronic Dispensing System accurately meters diamond abrasive onto the Kemet Composite Lapping Plate, reducing lapping costs and waste
- Built in abrasive system for conditioning Kemet Composite Lapping Plates
- Suitable for large parts or large volume production
- Electrical System complies with EN 60 204

Options:

- Variable speed up to 70 rpm
- Temperature control (water cooled plates)
- 3 or 4 conditioning rings
- Col-K chemical polishing versions
- Full Perspex guarding available

Option	Open Face		Pneumatic Lift	
Machine Model	24	36	24	36
Height	920 mm	960 mm	1925 mm	1960 mm
Working Height	-	-	1150 mm	1270 mm
Width	1200 mm	1435 mm	1240 mm	1505 mm
Depth	1350 mm	1640 mm	1350 mm	1640 mm
Approx. Weight	575 kg	1165kg	700kg	1250kg
Lapping Plate outside Diameter	610 mm	914 mm	610 mm	914 mm
Lapping Plate Speed	58 rpm	58 rpm	58 rpm	58 rpm
N° of Conditioning Rings	3 or 4	3 or 4	3 or 4	3 or 4
Conditioning Ring inside Diameter	3 ring	248 mm	368 mm	248 mm
	4 ring	210 mm	322 mm	210 mm
Max load per Conditioning ring	3 ring	250 Kg	350 Kg	250 Kg
	4 ring	200 Kg	300 Kg	200 Kg
Main Drive Motor	1.5 kW	4 kW	1.5 kW	4 kW
Abrasive pump motor	0.18 kW	0.18 kW	0.18 kW	0.18 kW
Air Requirements	4 Bar min	4 Bar min	4 Bar min	4 Bar min
Standard Electrical Supply	220v or 380v or 415v 3Ph-50Hz*			

Electronic Dispensing Equipment Standard on all above Models (see page 23)

* Other voltages available upon request

Other Machine Models available		
Machine Model	700	40
Lapping Plate outside Diameter	700 mm	1016 mm
Conditioning Ring inside Diameter for 3 rings**	275 mm	406 mm

** 4 ring version also available

Recommended Accessories	Machine Model	
	24	36
Cast Iron Conditioning Rings - Solid for 3 Ring Machine - Set of 3	360679	360186
Cast Iron Conditioning Rings - Serrated for 3 Ring Machine - Set of 3	360208	360278
Cast Iron Conditioning Rings - Solid for 4 Ring Machine - Set of 4	360680	360681
Cast Iron Conditioning Rings - Serrated for 4 Ring Machine - Set of 4	360274	360682
Zytel Roller Bearing Assemblies - Set of 6	360214	360259
O-rings for Zytel Bearings - Set of 6	360672	360270
Roller Bearing Assemblies - Set of 6	360213	360259
O-rings for Roller Bearings - Set of 24	-	360659
Flatness Gauge	361304	

Recommended Consumables	Machine Model	
	24	36
Cast Iron Serrated Lapping Plate (Pre-lapped)	362404	362406
Cast Iron Solid Lapping Plate (Pre-lapped)	362405	362407
Kemet Copper Lapping Plate	351106	351124
Kemet Copper SP2 Lapping Plate	351177	351965
Kemet Iron Lapping Plate	351006	351010
Kemet PR3 Lapping Plate	351357	351343
Kemet Tin Lapping Plate	351306	351315
Kemet XL Lapping Plate	351376	351377
Kemet XP Lapping Plate	351206	351227

Huge range of other accessories and consumables available for the Kemet 24 & 36 Models