Kemet 15/20 Models

The bench-mounted Kemet 15 and 20 Lapping Machines have a rigid metal construction with a height-adjustable worktable. The machines incorporate a digital Process Timer and a fully automatic Liquid Diamond Dispensing System.



Features & Benefits:

- Variable speed
- Bench mounted
- Produces optically flat surfaces with high precision surface finish
- Fully controllable Kemet Electronic Dispensing System accurately meters diamond abrasive onto the lapping plate - Reduces lapping costs
- Only small quantities of diamond abrasive and non-toxic fluids are used - Reduces waste
- Built in abrasive system for conditioning Kemet Composite Plates
- Easily transportable
- Electrical System complies with EN 60 204
- Easy to adapt for special lapping applications

Options:

- Lift off disc system on model 15”
- Fixed speed
- Pneumatic lift on model 20”

Other Versions:

- Col-K Chemical polishing version (see page 7)
- Clipper Blade sharpening machine

Machine Model		15	20
Lapping Plate outside Diameter		381 mm	508 mm
Lapping Plate Speed		70 rpm	70 rpm
No. of Conditioning Rings		3	3
Conditioning Ring inside Diameter		140 mm	191 mm
Max load per Conditioning ring		39 Kg	53 Kg
Height of Open Face Machine		670 mm	700 mm
Height of Pneumatic Lift Machine		N/A	965 mm
Working Height		310 mm	385 mm
Depth of Machine		660 mm	780 mm
Width of Machine		760 mm	883 mm
Standard Electrical Supply		220v-1Ph-50Hz or 380v or 415v 3Ph-50Hz	
Main Drive Motor		0.37 kW	0.75 kW
Abrasive pump motor		0.18 kW	0.18 kW
Approx. Weight	Open Face	136 kg	200 kg
	Pneumatic	N/A	385 kg

Recommended Accessories	Machine Model	
	15	20
Cast Iron Conditioning Rings - Solid - Set of 3	360204	360818
Cast Iron Conditioning Rings - Serrated - Set of 3	360203	361027
Zytel Roller Bearing Assemblies - Set of 6	360212	360212
O-rings for Zytel Bearings - Set of 6	360270	360270
Flatness Gauge	361304	

Recommended Consumables	Machine Model	
	15	20
Cast Iron Serrated Lapping Plate (Pre-lapped)	362400	362402
Cast Iron Solid Lapping Plate (Pre-lapped)	362401	362403
Kemet Copper Lapping Plate	351102	351103
Kemet Copper SP2 Lapping Plate	351159	351964
Kemet Iron Lapping Plate	351002	351081
Kemet PR3 Lapping Plate	351340	351374
Kemet Tin Lapping Plate	351305	351320
Kemet XL Lapping Plate	351356	351375
Kemet XP Lapping Plate	351202	351266

Huge range of other accessories and consumables available for the Kemet 15 & 20 Models

Lift Off Disc System	Machine Model	
	15	20
Aluminium Drive Plate	361002	362255
Aluminium Lift Off Disc	361001	362290
Kemet Iron Lift Off Disc	351025	E09714
Kemet Copper Lift Off Disc	351121	E09715
Kemet XP Lift Off Disc	351226	E10063
Kemet Tin Lift Off Disc	351314	E10103