

MODEL 84

PRECISION OPEN FACE / PNEUMATIC LIFT FLAT LAPPING MACHINE








Open face version (left), pneumatic lift version



PLATE-DIAMETER 84" (2134 MM)
VERSION: 4 RINGS
TYPE: SINGLE SIDED

MEETING TODAY'S PRECISION SURFACING REQUIREMENTS

-  Heavy duty floor standing base, with integrally mounted drive motor, and reduction gearbox, abrasive distribution system
-  Pneumatic lift version: Range of loads for pressure weights 100 kg to 400 kg / 220.5 lbs to 881.8 lbs
-  Four conditioning rings, with adjustable, sealed roller bearing yoke assemblies to maintain lap flatness
-  High torque drive unit consisting of 30 kW / 40.2 hp (pneumatic lift version: 22 kW / 29.5 hp) motor and reduction gearbox
-  Operator controls at 110V

ACHIEVING HIGH STANDARDS OF FLATNESS AND SURFACE FINISH

HIGHLIGHTS MODEL 84

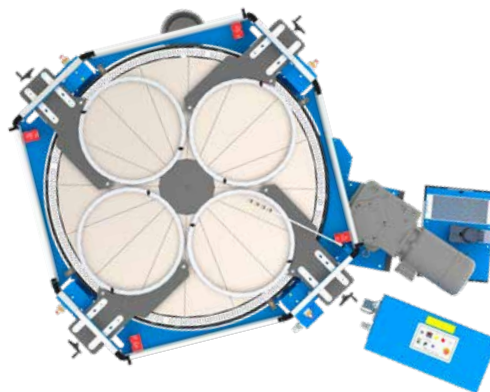
- ✔ High density, cast iron segmented (serrated) lapping plate
- ✔ Four high density, cast iron serrated conditioning rings
- ✔ Four blank workholder discs
- ✔ Free standing abrasive system complete with pump and driven stirrer tank with multiple point distribution
- ✔ Operator panel with start/stop controls, and multiple range digital process timer
- ✔ Fixed guarding with safety interlocked access doors
- ✔ Waste bucket

OPTIONAL TOOLING

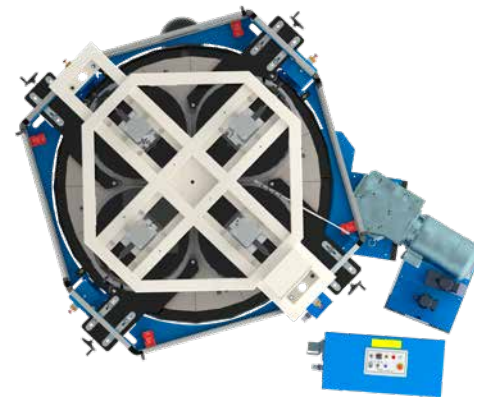
- ✔ Solid stainless steel backing plate
- ✔ Composite faced segmented plate

OPTIONAL FEATURES

- ✔ Electronic variable speed drive
- ✔ Water cooled
- ✔ Peristaltic pump
- ✔ Optional plates
- ✔ PLC
- ✔ Diamond unit



Open face version



Pneumatic lift version

TECHNICAL DATA		MODEL 84	
VERSION	4R OF		4R PL
Plate O.D. [in/mm]	84/2133.6		84/2133.6
Plate I.D. [in/mm]	19/482.6		19/482.6
Ring O.D. [in/mm]	35/889		35/889
Ring I.D. [in/mm]	32/812.8		32/812.8
Ring height [in/mm]	7/177.8		7/177.8
# of ring positions	4		4
Pressure plate thickness [in/mm]	-		-
Pressure plate weight [lbs/kg]	-		-
Plate RPM	24		24
Motor [hp/kW]	30/22		30/22
Voltage	380/480V, 3Phase 50/60 Hz (Non-standard voltage available)		
Controls	Adjustable		Adjustable
Dimensions (W x D x H) [in/mm]	161.4/4100 x 133.8/3400 x 65.3/1660 (without guard) 161.4/4100 x 133.8/3400 x 74.2/1885 (with guard)		161.4/4100 x 133.8/3400 x 113.8/2890
Weight [lbs/kg] incl. segments	21440/9725 *		26455/12000 *

* Plus 4 rings (400.0 kg)

GET IN TOUCH WITH US TODAY
TOGETHER WE WILL FIND A SOLUTION
FOR YOUR REQUIREMENTS

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