

MODEL 15

OPEN FACE / PNEUMATIC LIFT FLAT LAPPING MACHINE



PLATE DIAMETER: 15" (381 MM)
VERSIONS: 3 RINGS
TYPE: SINGLE SIDED

Open face version (left), pneumatic lift version

MEETING TODAY'S PRECISION SURFACING REQUIREMENTS

- ✓ Heavy duty base with integrally mounted drive motor, reduction gearbox
- ✓ Wrap-around worktable facilitates parts handling
- ✓ Three / four conditioning rings with roller yoke and bearing assemblies to facilitate in-process plate flatness control
- ✓ Abrasive feed system designed for water or oil based lapping slurries
- ✓ Electrical system wired for various voltages
- ✓ High torque drive unit with ½ hp / 0.37 kW motor and gear reducer

ACHIEVING HIGH STANDARDS OF FLATNESS AND SURFACE FINISH

HIGHLIGHTS MODEL 15

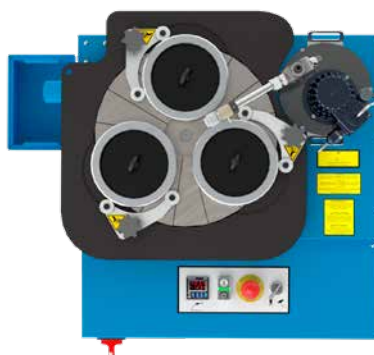
- ✔ Heavy duty work table, vertically adjustable
- ✔ High density, cast iron serrated lap plate
- ✔ Three high density, cast iron serrated conditioning rings
- ✔ Three pressure weights
- ✔ Three blank workholder discs
- ✔ Three felt pads
- ✔ Integral abrasive system complete with pump and multi point compound distribution
- ✔ Operator panel with start / stop controls, and multiple range digital process timer
- ✔ Waste tank

OPTIONAL TOOLING

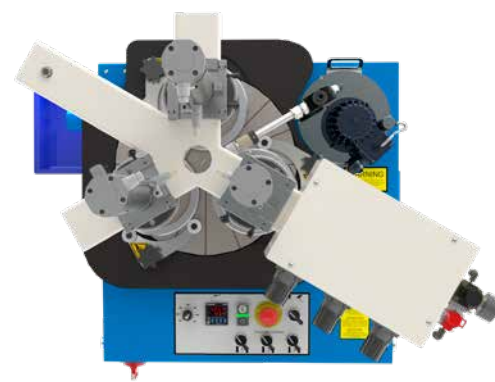
- ✔ Flatness gauge
- ✔ Solid stainless steel backing plates
- ✔ Composite faced plates
- ✔ Solid cast iron lap plate
- ✔ Polishing pads

OPTIONAL FEATURES

- ✔ Electronic variable speed drive
- ✔ Water cooled
- ✔ Peristaltic pump
- ✔ Optional plates
- ✔ Bench / trolley
- ✔ Diamond unit



Open face version



Pneumatic lift version

TECHNICAL DATA		MODEL 15			
VERSION	3R OF LAPPING	3R OF POLISHING	3R PL LAPPING	3R OF CLIPPER	
Plate O.D. [in / mm]	15 / 381	15 / 381	15 / 381	15 / 381	
Plate I.D. [in / mm]	3.5 / 89	3.5 / 89	3.5 / 89	3.5 / 89	
Ring O.D. [in / mm]	7 / 178	7 / 178	7 / 178	7 / 178	
Ring I.D. [in / mm]	5.5 / 140	5.5 / 140	5.5 / 140	5.5 / 140	
Ring height [in / mm]	1.77 / 45	1.77 / 45	1.77 / 45	1.77 / 45	
# of ring positions	3	3	3	3	
Pressure plate thickness [in / mm]	1.18 / 30	1.18 / 30	-	1.18 / 30	
Pressure plate weight [lbs / kg]	8.4 / 3.8	8.4 / 3.8	-	8.4 / 3.8	
Plate RPM	70	70	70	70	
Motor [hp / kW]	0.5 / 0.37	0.5 / 0.37	0.5 / 0.37	0.5 / 0.37	
Voltage	110 V 1Phase 230 V 230 / 380 V, 3Phase 230 V, 1Phase 50 / 60 Hz				
Controls	Adjustable	Adjustable	Adjustable	Adjustable	
Dimensions (W x D x H) [in / mm]	28.3 / 720 x 28.7 / 730 x 17.7 / 450	28.3 / 720 x 28.7 / 730 x 17.7 / 450	31.5 / 800 x 28.3 / 720 x 42.9 / 1090	31.5 / 800 x 28.3 / 720 x 42.9 / 1090	
Weight [lbs / kg] incl. plates	247 / 112 *	247 / 112 *	300 / 136 **	300 / 136 **	

* Plus 3 pressure weights (11.7 kg) and 3 rings (9.6 kg) ** Plus 3 rings (9.6 kg)

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

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