

MODEL 24

OPEN FACE / PNEUMATIC LIFT FLAT LAPPING MACHINE



PLATE DIAMETER: 24" (610 MM)
VERSIONS: 3 RINGS / 4 RINGS
TYPE: SINGLE SIDED

Open face version (left), pneumatic lift version

MEETING TODAY'S PRECISION SURFACING REQUIREMENTS

- ✓ Heavy duty floor standing base with integrally mounted drive motor, reduction gearbox
- ✓ Heavy duty work table, vertically adjustable
- ✓ Three / four conditioning rings with roller yoke and bearing assemblies to facilitate in-process plate flatness control
- ✓ Electrical system wired for various voltages
- ✓ High torque drive unit with 2 hp / 1.5 kW motor and gear reducer

ACHIEVING HIGH STANDARDS OF FLATNESS AND SURFACE FINISH

HIGHLIGHTS MODEL 24

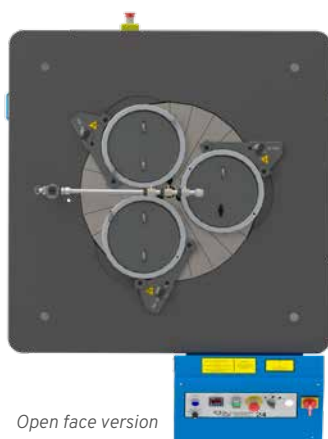
- ✔ High density, cast iron serrated lap plate
- ✔ Three/four high density, cast iron serrated conditioning rings
- ✔ Three/four pressure weights
- ✔ Three/four blank workholder discs
- ✔ Three/four felt pads
- ✔ Free standing abrasive system complete with pump and multiple point compound distribution
- ✔ Operator panel with start/stop controls, and multiple range digital process timer
- ✔ Waste tank

OPTIONAL TOOLING

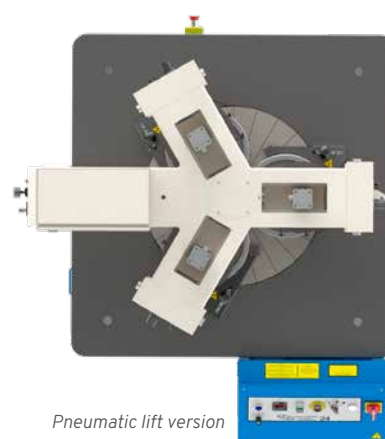
- ✔ Solid stainless steel backing plates
- ✔ Composite faced plates
- ✔ Solid cast iron lap plate
- ✔ Polishing pads

OPTIONAL FEATURES

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



Open face version



Pneumatic lift version

TECHNICAL DATA		MODEL 24				
VERSION	3R OF LAPPING	3R OF POLISHING	3R PL LAPPING	3R PL POLISHING	4R OF LAPPING	4R PL LAPPING
Plate O.D. [in/mm]	24/610	24/610	24/610	24/610	24/610	24/610
Plate I.D. [in/mm]	4.4/114	4.4/114	4.4/114	4.4/114	7.5/190	7.5/190
Ring O.D. [in/mm]	11.2/286	11.2/286	11.2/286	11.2/286	9.7/247	9.7/247
Ring I.D. [in/mm]	9.7/248	9.7/248	9.7/248	9.7/248	8.2/210	8.2/210
Ring height [in/mm]	2.8/70	2.8/70	2.8/70	2.8/70	2.8/70	2.8/70
# of ring positions	3	3	3	3	4	4
Pressure plate thickness [in/mm]	1.2/30	1.2/30	-	-	1.4/35	-
Pressure plate weight [lbs/kg]	24/11	24/11	-	-	14/6.3	-
Plate RPM	70	70	70	70	70	70
Motor [hp/kW]	2/1.5	2/1.5	2/1.5	2/1.5	2/1.5	2/1.5
Voltage	230V 1Phase 230/380V, 3 Phase 230V, 1Phase 50/60 Hz					
Controls	Adjustable	Adjustable	Adjustable	Adjustable	Adjustable	Adjustable
Dimensions (W×D×H) [in/mm]	43.3/1100 × 57.9/1470 × 46.8/1190	43.3/1100 × 57.9/1470 × 46.8/1190	50.8/1290 × 57.9/1470 × 73.8/1875	50.8/1290 × 57.9/1470 × 73.8/1875	43.3/1100 × 57.9/1470 × 46.8/1190	50.8/1290 × 57.9/1470 × 73.8/1875
Weight [lbs/kg] incl. plates	1133/514 *	1133/514 *	1528/693 **	1528/693 **	1168/530 ***	1636/742 ****

* Plus 3 pressure weights (32.7kg) and 3 rings (22.0kg) ** Plus 3 rings (22.0kg) *** Plus 4 pressure weights (30.8kg) and 4 rings (25.5kg) **** Plus 4 rings (22.5kg)

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TOGETHER WE WILL FIND A SOLUTION
FOR YOUR REQUIREMENTS

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