

MODEL 48






OPEN FACE / PNEUMATIC LIFT FLAT LAPPING MACHINE



PLATE DIAMETER: 48" (1219 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 and abrasive distribution system
-  Heavy duty work table, vertically adjustable
-  Three / four conditioning rings, with adjustable, sealed roller bearing yoke assemblies to maintain lap flatness
-  Electrical system wired for various voltages
-  High torque drive unit with 10 hp / 7.5 kW (pneumatic lift version: 14.75 hp / 11 kW) motor and gear reducer

ACHIEVING HIGH STANDARDS OF FLATNESS AND SURFACE FINISH

HIGHLIGHTS MODEL 48

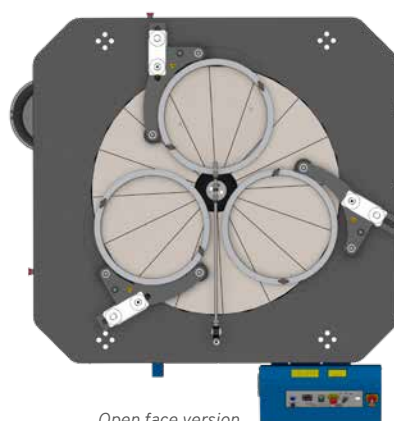
- ✔ High density, cast iron segmented (serrated) lap plate
- ✔ Three/ four high density, cast iron serrated conditioning rings
- ✔ Three/ four blank workholder discs
- ✔ Three/ four felt pads
- ✔ Free standing abrasive system complete with pump and multi point compound distribution
- ✔ Operator panel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

OPTIONAL TOOLING

- ✔ Flatness gauge
- ✔ Solid stainless steel backing plates
- ✔ Composite faced segments
- ✔ 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 48			
VERSION	3R OF LAPPING	3R OF POLISHING	3R PL LAPPING	4R OF LAPPING	4R PL LAPPING
Plate O.D. [in / mm]	48 / 1219	48 / 1219	48 / 1219	48 / 1219	48 / 1219
Plate I.D. [in / mm]	22.7 / 578	22.7 / 578	22.7 / 578	12.9 / 330	12.9 / 330
Ring O.D. [in / mm]	22.4 / 570	22.4 / 570	22.4 / 570	20.0 / 508	20.0 / 508
Ring I.D. [in / mm]	19.8 / 505	19.8 / 505	19.8 / 505	17.0 / 432	17.0 / 432
Ring height [in / mm]	4.0 / 102	4.0 / 102	4.0 / 102	4.0 / 102	4.0 / 102
# of ring positions	3	3	3	4	4
Pressure plate thickness [in / mm]	-	-	-	-	-
Pressure plate weight [lbs / kg]	-	-	-	-	-
Plate RPM	48	48	48	48	48
Motor [hp / kW]	10 / 7.5	10 / 7.5	14.75 / 11	10 / 7.5	14.75 / 11
Voltage	380 / 480V, 3Phase 50 / 60 Hz (Non-standard voltage available)				
Controls	Adjustable	Adjustable	Adjustable	Adjustable	Adjustable
Dimensions (W x D x H) [in / mm]	64.6 / 1640 x 80.1 / 2035 x 51.8 / 1315	64.6 / 1640 x 80.1 / 2035 x 51.8 / 1315	64.6 / 1640 x 90.9 / 2310 x 88.8 / 2255	61.6 / 1565 x 80.1 / 2035 x 51.8 / 1315	61.6 / 1565 x 83.7 / 2125 x 88.8 / 2255
Weight [lbs / kg]	5952 / 2700 * incl. plates	5952 / 2700 * incl. plates	7363 / 3340 ** incl. plates	6063 / 2750 *** incl. segments	8025 / 3640 **** incl. segments

* Plus 3 rings (124.5 kg) ** Plus 3 rings (111.0 kg) *** Plus 4 rings (152.0 kg) **** Plus 4 rings (152.0 kg)

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

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