

MODEL 20

OPEN FACE / PNEUMATIC LIFT FLAT LAPPING MACHINE



PLATE DIAMETER: 20" (508 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
- ✓ Heavy duty work table, vertically adjustable
- ✓ Three conditioning rings, with adjustable, Zytel roller bearing yoke assemblies to maintain lap flatness
- ✓ Electrical system wired for various voltages
- ✓ High torque drive unit with 1.0 hp / 0.75 kW motor and gear reducer

ACHIEVING HIGH STANDARDS OF FLATNESS AND SURFACE FINISH

HIGHLIGHTS MODEL 20

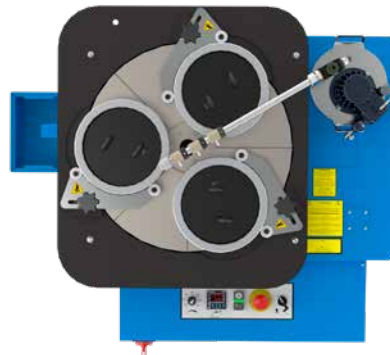
- ✔ High density, cast iron serrated lap plate
- ✔ Three high density, cast iron serrated conditioning rings
- ✔ Three pressure weights
- ✔ Three blank workholder discs
- ✔ Three felt pads
- ✔ Integral abrasive system complete with pump and multi point compound distribution
- ✔ Operator panel with start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

OPTIONAL TOOLING

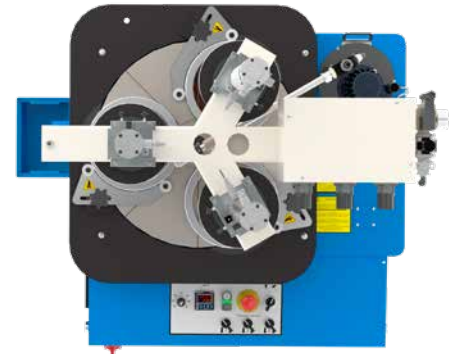
- ✔ Flatness gauge
- ✔ Solid stainless steel backing plates
- ✔ Composite faced plates
- ✔ Solid cast iron lap plate
- ✔ Polishing pads

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 20		
	3R OF LAPPING	3R OF POLISHING	3R PL LAPPING
Plate O.D. [in / mm]	20 / 508	20 / 508	20 / 508
Plate I.D. [in / mm]	5 / 127	5 / 127	5 / 127
Ring O.D. [in / mm]	9 / 229	9 / 229	9 / 229
Ring I.D. [in / mm]	7.5 / 191	7.5 / 191	7.5 / 191
Ring height [in / mm]	2.5 / 63	2.5 / 63	2.5 / 63
# of ring positions	3	3	3
Pressure plate thickness [in / mm]	1.5 / 38	1.5 / 38	-
Pressure plate weight [lbs / kg]	18.2 / 8.3	18.2 / 8.3	-
Plate RPM	70	70	70
Motor [hp / kW]	1 / 0.75	1 / 0.75	1 / 0.75
Voltage	110V 1Phase 230V 230 / 380V, 3Phase 230V, 1Phase 50 / 60 Hz		
Controls	Adjustable	Adjustable	Adjustable
Dimensions (W x D x H) [in / mm]	35.4 / 900 x 34.6 / 880 x 26.2 / 665	35.4 / 900 x 34.6 / 880 x 26.2 / 665	35.4 / 900 x 34.6 / 880 x 46.3 / 1175
Weight [lbs / kg] incl. plates	478 / 217 *	478 / 217 *	642 / 291 **

* Plus 3 pressure weights (25.0 kg) and 3 rings (17.0 kg) ** Plus 3 rings (17.0 kg)

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

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