

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. Lap plate speed 30 rpm
- ✓ Operator controls at 110 V

ACHIEVING HIGH STANDARDS OF FLATNESS AND SURFACE FINISH

HIGHLIGHTS MODEL 84 (OPEN FACE, PNEUMATIC LIFT, 4 RINGS)

- ✔ Electronic variable speed drive
- ✔ Free standing operator panel with start/stop controls, and multiple range digital process timer
- ✔ Free standing abrasive system
- ✔ Fixed guarding
- ✔ Waste bucket

- OPTIONAL FEATURES**
- ✔ Water cooled lap plate
 - ✔ Non-standard voltages
 - ✔ Stainless steel wetted parts
 - ✔ Peristaltic pump
 - ✔ Corporate colors
 - ✔ Diamond dispensing system

STANDARD TOOLING

- High density, cast iron segmented (serrated) lapping plate. 2134 mm O.D. × 455 mm I.D. / 84" O.D. × 17.9" I.D.
- Four high density cast iron serrated conditioning rings. 889 mm O.D. × 813 mm I.D. / 35" O.D. × 32" I.D.
- Four blank workholder discs
- Operation and maintenance manual

OPTIONAL TOOLING

- Solid stainless steel backing plates
- Composite faced segments

APPROXIMATE WEIGHT

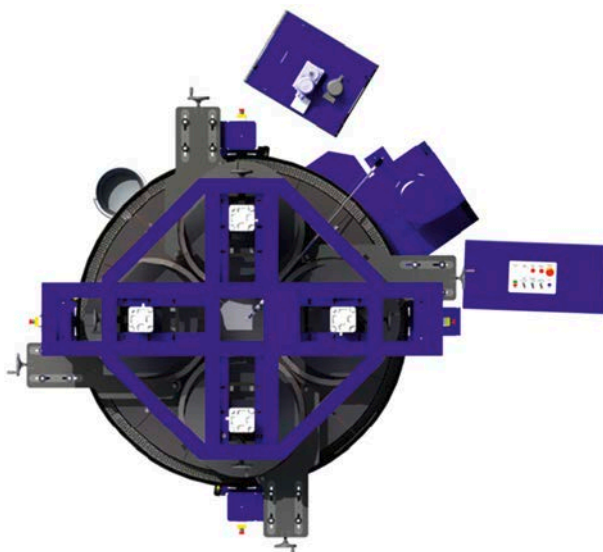
- Open face version: 19842 lbs / 9000 kg
- Pneumatic lift version: 26455 lbs / 12000 kg

APPROXIMATE DIMENSIONS

- Open face version: 102" × 102" × 59"
2600 mm × 2600 mm × 1500 mm
- Pneumatic lift version: 110" × 142" × 114"
2800 mm × 3600 mm × 2900 mm

SERVICES

- Electrical:
 - (OF) 380 / 460 V, 3 Phase
 - (PL) 230 / 380 V, 3 Phase, 50 Hz
- Air:
 - (OF) 4 bar (if applicable)
 - (PL) 400 kPa / 5 bar minimum (if applicable)
- Water:
 - (OF) 1 bar (if applicable)
 - (PL) 100 kPa / 1 bar minimum (if applicable)


Open face version

Pneumatic lift version

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

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