

# MODEL 36






OPEN FACE / PNEUMATIC LIFT FLAT LAPPING MACHINE



PLATE DIAMETER: 36" (914 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 adjustable, sealed roller bearing yoke assemblies to maintain lap flatness
-  Electrical system wired for various voltages
-  High torque drive unit with 5.3 hp / 4.0 kW motor and gear reducer

ACHIEVING HIGH STANDARDS OF FLATNESS AND SURFACE FINISH

### HIGHLIGHTS MODEL 36

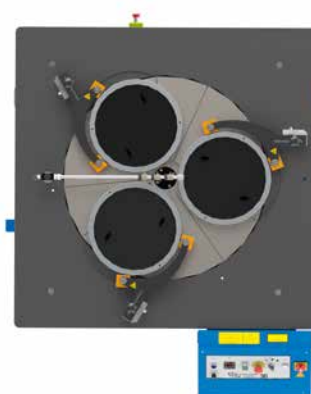
- ✔ High density, cast iron serrated lap plate
- ✔ Three/ four high density, cast iron serrated conditioning rings
- ✔ Three/ four pressure weights (open face version)
- ✔ Three/ four blank workholder discs
- ✔ Three/ four felt pads
- ✔ Free standing abrasive system complete with pump and multi point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

### OPTIONAL TOOLING

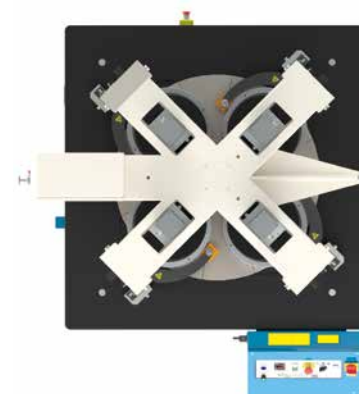
- ✔ Solid stainless steel backing plates
- ✔ Composite faced plates
- ✔ Solid cast iron lap plate
- ✔ Polishing pads

### OPTIONAL FEATURES

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



3R OF



4R PL

TECHNICAL DATA		MODEL 36				
VERSION	3R OF LAPPING	3R OF POLISHING	3R PL LAPPING	3R PL POLISHING	4R OF LAPPING	4R PL LAPPING
Plate O.D. [in/mm]	36/914	36/914	36/914	36/914	36/914	36/914
Plate I.D. [in/mm]	6.7/172	6.7/172	6.7/172	6.7/172	10.3/263	10.3/263
Ring O.D. [in/mm]	16.4/419	16.4/419	16.4/419	16.4/419	14.6/373	14.6/373
Ring I.D. [in/mm]	14.4/368	14.4/368	14.4/368	14.4/368	12.6/322	12.6/322
Ring height [in/mm]	4.0/102	4.0/102	4.0/102	4.0/102	4.0/102	4.0/102
# of ring positions	3	3	3	3	4	4
Pressure plate thickness [in/mm]	1.2/30	1.2/30	1.2/30	1.2/30	0.75/19	0.75/19
Pressure plate weight [lbs/kg]	54/24.5	54/24.5	54/24.5	54/24.5	28.6/13	-
Plate RPM	58	58	58	58	58	58
Motor [hp/kW]	5.3/4.0	5.3/4.0	5.3/4.0	5.3/4.0	5.3/4.0	5.3/4.0
Voltage	380/480V, 3Phase   230V, 3Phase   50/60 Hz					
Controls	Adjustable	Adjustable	Adjustable	Adjustable	Adjustable	Adjustable
Dimensions (W x D x H) [in/mm]	55.1/1400 x 67.5/1715 x 58.1/1475	55.1/1400 x 67.5/1715 x 58.1/1475	61.6/1565 x 67.5/1715 x 78.7/2000	61.6/1565 x 67.5/1715 x 78.7/2000	55.1/1400 x 67.5/1715 x 58.1/1475	61.6/1565 x 67.5/1715 x 78.7/2000
Weight [lbs/kg] incl. plates	2094/950 *	2094/950 *	2679/1215 **	2679/1215 **	2116/960 ***	2755/1300 ****

\* Plus 3 pressure weights (75.0 kg) and 3 rings (70.5 kg) \*\* Plus 3 rings (70.5 kg) \*\*\* Plus 4 pressure weights (52.0 kg) and 4 rings (72.0 kg) \*\*\*\* Plus 4 rings (80.0 kg)

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

**LAPMASTER WOLTERS LIMITED**

Phone Sales: +44 1752 891 600  
 sales@lapmaster-wolters.co.uk  
 www.lapmaster-wolters-uk.com