

IFL 100



INTERNAL FLAT LAPPING MACHINE



The Lapmaster IFL100 machine is a small but versatile bench mounted machine ideally suited for small workshops and laboratories.

It comes fully equipped and ready to use and is suitable for lapping components up to 100mm diameter bore and at a depth of 100mm. In certain circumstances larger components can be accommodated, depending on size.

The machine is equipped with an adjustable compact lapping arm unit. A cam unit allows the arm to sweep side to side, ensuring even complete lap over the face.

Lap tool flatness can be easily controlled by re-conditioning on a standard Lapmaster open face machine.

The self-contained adjustable flow compound system is mounted on the side of the machine.

The lap plate speed is variable between 7 and 80rpm.

The machine controls are housed in a separate box mounted on the front wall of the base.

In all cases, the lapping operation is controlled by an adjustable timer.

STANDARD FEATURES

- Capacity up to 100mm
- Fixed guarding with safety interlocks
- Variable speed drives
- Main drive 0.75kW
- Pneumatic pressure control
- Programmable process timer
- EMC 2004/108/EC compliant
- CE compliant.
- Peristaltic pump
- Magnetic stirrer
- Waste tank

STANDARD TOOLING

- One set of tooling (specific size)
- Operation and maintenance manual

GENERAL MACHINE DATA

- Approx. weight 280kg

Dimensions

- 990mm (l)
- 880mm (w)
- 1200mm (h)

Electrical service

- Single phase 50/ 60Hz

Air service

- 5 bar minimum

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