

MASTERLAM[®] 3.0

Automatic polishing machine with central and individual pressure.

Automatic, single plate Ø 250 to 300 mm polishing machine, bidirectional rotation and variable speed.

This machine has all the functions that make the MASTERLAM[®] range outstand and on this model a specific new combo-head. The MASTERLAM[®]3.0 is the metallographic polishing machine without concession. Polishing can be carried out with central pressure or individual pressure and can be equipped with a stock removal measuring system.

The MASTERLAM[®]3.0 is based on the same technology as the MASTERLAM[®]1.0 with, in this configuration, a powerful central and individual pressure head equipped with 6 pistons. Changing sample holders is quick and the pressure mode is controlled directly on the screen without having to touch the head, thus, you can switch from one pressure mode to another in a few seconds.



POLISHING

/ Technical Data

Plate Capacity	Ø 250 to 300 mm
Body	Steel coated with epoxy paint
Bowl	Removable resin bowl for easy cleaning
Controls	Touch screen (5,7")
Plate rotation speed	Variable from 20 to 650 rpm Bidirectional rotation
Head's speed	Variable from 10 to 150 rpm bidirectional rotation
Applicable load	5 to 400 N central pressure 5 to 100 N individual pressure
Capacity	Sample size 6 X Ø 40 mm Sample size 1 - 6 X Ø 50 mm
Workspace lightening	LED
Water inlet	Removable pipe, with flow rate adjustment and safety solenoid valve
Programming	60 storable programs, USB connector to backup programs and Ethernet port for networking
Cumulative machine power	1.1 kW
Voltage	230 V - 50 Hz single phase
Pneumatic feed	6 bars
Dimensions W x H x D	550 x 670 x 580 mm
Weight	85 kg
Reference	60 ML300 00

/ Accessories for MASTERLAM[®] 1.0 and 3.0

- Aluminium removable plate Ø 250 mm
- Aluminium removable plate Ø 300 mm
- Sample-holder: CP (central pressure) and IP (Individual pressure)



Central pressure mode



Individual pressure mode

/ Options

- Dosing unit DISTRILAM (4 circuits)
- Stock removal control system
- Transparent secured housing for MASTERLAM[®]
- Filtering / sedimentation 60 L tank, recirculation pump



Sedimentation 60 L tank with
pump controlled by the machine