

MASTERLAM®

AUTOMATIC METALLOGRAPHIC POLISHING MACHINE

AVAILABLE WITH AN OSCILLATING HEAD

The MASTERLAM® is an automatic machine with a single plate Ø 250/300 mm. The advanced technologies this machine uses allows obtaining repetitive and quality polishing results on all types of materials. This machine is available with an oscillating central pressure head (MASTERLAM® 1.0), with an individual pressure head (MASTERLAM® 2.0) and a combo head (MASTERLAM® 3.0).

MASTERLAM® 1.0
with oscillating head



Graphic user surface
touch screen

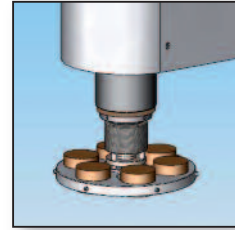
ACCESSORIES

- Automatic dosing and distribution unit DISTRILAM controlled from machine display
- Removable aluminium plate lapped flat Ø 250 mm
- Removable aluminium plate lapped flat Ø 300 mm
- PC (central pressure) and PI (individual pressure) sample holder

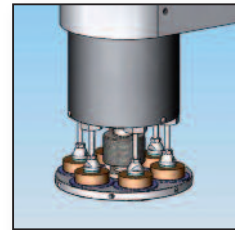


TECHNICAL CHARACTERISTICS

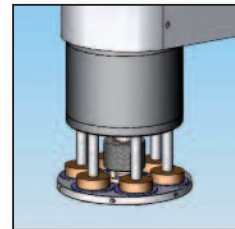
Plate capacity	Ø 250 to 300 mm
Body	aluminium frame and steel casing powder coated color
Bowl	plastic - removable for easy cleaning
Speed of plate	variable speed 20 - 650 rpm clockwise / counter clockwise rotation
Speed of head	variable speed 10 - 150 rpm clockwise / counter clockwise rotation
Load	variable 5 - 400 N (CP) / 0 - 100 N (IP)
Oscillating head	setting of speed and amplitude (option)
Combined power	1,1 kW
Lighting of working area	energy saving DELs
Control	graphical user interface, color touch screen color display 5,7"
Water output	rinsing tap with pulling out tube to clean the basin, automatic water solenoid
Programing	60 programs saved in the machine, optional USB plug to download programs, optional ethernet connection
Required voltage	230 V1 - 50 Hz
Pneumatic output	6 bars
Dimensions L x W x H	670 x 550 x 580 mm
Weight	80 kg



Central pressure head



Individual pressure head



Combo pressure head

ACCESSORIES FOR POLISHING MACHINES

Aluminium working plate
Ø 250 - 300 mm



Clamping ring
Ø 250 - 300 mm



Stainless steel sample
holder for central pressure



Stainless steel sample
holder for individual pressure



Distance rings
Ø 25, 30, 32, 40 mm



Plate for leveling samples

