

# MASTERLAM<sup>®</sup> 1.1

**Large diameter, automatic polishing machine with central pressure and motorised oscillating head.**

Automatic single-plate Ø 350 to 400 mm polishing machine, bidirectional rotation and variable speed.

## / Technical Data

Plates Capacity	Ø 350 to 400 mm
Body	Steel coated with epoxy paint
Bowl	Removable, in resin, to ease 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 450 N central pressure
Capacity	Sample size 6 X Ø 60 mm
Oscillating head (option)	Adjustable speed and amplitude
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
Motor power	2.2 kW
Head motor power	250 W
Voltage	230 V - 50 Hz single phase (25A)
Pneumatic feed	6 bars
Dimensions W x H x D	800 x 597 x 712 mm
Weight	110 kg
Reference	60 ML110 00

## / Options

Dosing unit DISTRILAM <sup>®</sup>
Transparent secured housing for the MASTERLAM <sup>®</sup> 1.1
Filtering / sedimentation 60 L tank, recirculation pump



The MASTERLAM<sup>®</sup> 1.1 is a central pressure machine. It is equipped with a 2,2 Kw main motor, a 250 W head motor and applicable pressure may reach 450 N.

Using the oscillating head allows you to make use the entire surface of the 350 or 400 mm diameter plate: the quality of flatness is improved, stock removal is increased and the service life of polishing supports is increased (uniform wear due to use of the entire surface of the plate.)

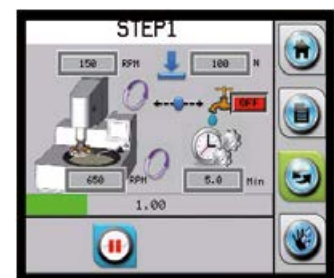
The specific capacities of the MASTERLAM<sup>®</sup> 1.1 allow it to cope with most difficult applications, particularly in terms of large polishing surfaces where the torque and required pressure exceed the capabilities of standard equipment.



Protection system activated with the transparent secured housing.



DISTRILAM dosing unit programming integrated to the machine's commands in the full range of MASTERLAM<sup>®</sup> machines.



Possibility of changing parameters while the machine is working: pressure, speed, time and dosage (except the rotation.)