

DOL SHITING TECHNICAL LOGY

LAPPING & POLISHING



Lapping & polishing machines

The M.M.8400 and M.M.8600 lapping and polishing machines are compact, adaptable, efficient, and are perfectly suited for maintenance operations on all seal parts including safety valves and small mechanical parts.

With a touchscreen control panel, these machines are able to store lapping and polishing programs for ease, convenience, and repeatability.

Equipped with either a cast iron plate, DIALAM®, NEW LAM PLAN M'M', or FAS®, any type of surface finish defined by your specification is achievable – lapping, stock removal, grinding, polishing, etc.

These machines are also compatible with the NEW LAM PLAN 709, 710, and 719 distribution systems and managed directly from the touchscreen control panel.



Technical data	M.M.8400
Plate Ø	381 mm
Inner ring Ø	138 mm
Capacity per ring	1 part Ø130 mm or 170 parts Ø 5 mm
Number of rings	3
Electric power supply	230 V single-phase
Motor Power	0.37 kW
Control	Touch screen 3,5 inches
Plate rotation speed	From 30 to 90 rpm
Dimensions (W x D x H)	625 x 725 x 450 mm
Weight (without plate)	70 kg
Abrasive distribution system	Included - Type depending on the plate
Reference	10 08400 00

Technical data	M.M.8600
Plate Ø	610 mm
Inner ring Ø	248 mm
Capacity per ring	1 part Ø210 mm or 320 parts Ø 5 mm
Number of rings	3
Electric power supply	230 V single-phase
Motor Power	2.2 kW
Control	Touch screen 3,5 inches
Plate rotation speed	From 30 to 90 rpm
Dimensions (W x D x H)	1150 x 1150 x 1000 mm
Weight (without plate)	400 kg
Abrasive distribution system	Included - Type depending on the plate
Reference	10 08601 00

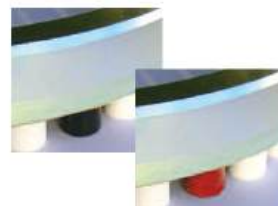
SPYLAP®



Ceramic conditioning rings with SPYLAP®

Prevent mechanical distortion problems due to heat.

The SPYLAP® sensor enables the user to visually prevent a significant mechanical distortion of the lapping (or polishing) support and of the part to be lapped. This technology provides a constant monitor of the temperature of the support and changes from black to red at a precisely predefined temperature.



Manual lapping & polishing plates

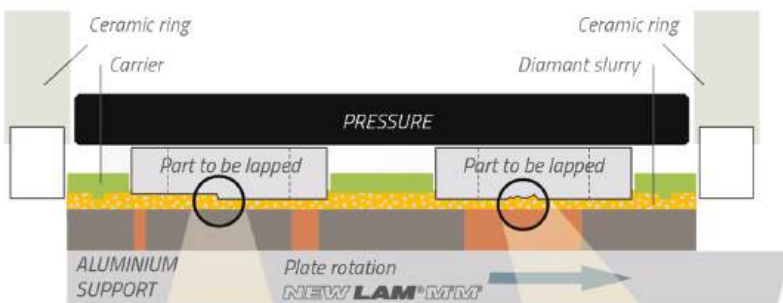
Extend the life of your sealing parts.

LAMBLOCK are easy to use, portable, cost-effective options to recondition worn sealing parts at industrial sites.

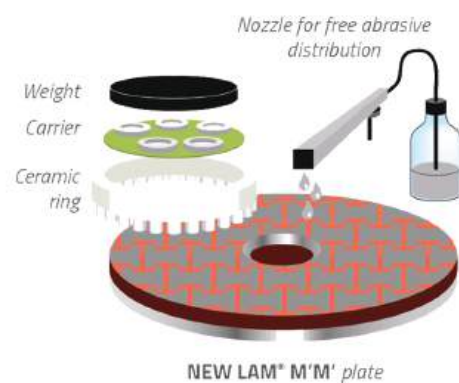


NEW LAM® M'M' plates

The NEW LAM® M'M'plate is a patented technology consisting of a two-component plate with free diamond abrasives that both move and fix on the surface of the plate to produce a unique abrasive action. The disposition and the shape of the two components of the plate permit an optimum alternation between the hard areas and the soft areas, providing both efficient stock removal and perfect inherent flatness.



NEW LAM® M'M'

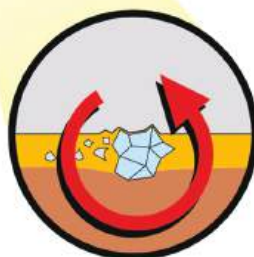


1



The free diamond contained in the abrasive film is momentarily fixed in the plate's hard material; when they are solid with each other, they produce a cut off effect which favours the stock removal.

2



In contact with the plate's soft material, the free diamond is driven in, while remaining mobile, and removes the material by impact; it is the stock effect which contributes to the quality of the surface condition.



Located in Gaillard, LAM PLAN specializes in industrial lapping and polishing solutions.

For 60 years, LAM PLAN teams have been designing and providing equipment and preparations guaranteeing its customers performance, quality and productivity.

LAM PLAN has partnered with EFCO USA, Inc to provide stationary lapping and polishing solutions to North and South America.



11600 Goodrich Drive, Charlotte, NC 28273
(800) 332-6872
efcousa.com

