

LUXMARK W72 Series

Laser marking and micro cutting

The W72 marking station can lift, move and load/unload on 72 trays (pallets) measuring 300x300 mm. On such trays are, using a grid, prepositioned manually the pieces on which will subsequently be carried out the various operations provided by the operator.

The detection of the elements on the tray is performed via a camera: then the data is automatically processed and laser marked. Once the tray is finished, it is automatically moved to its unloading position and the system continues to the next.



You can use the RFID technology for identify and/or automatically store information about objects, placing tags on individual pallets. This allows you to communicate and/or update the information contained in the tags continuously. (OPTIONAL)



Plus



3D engraving

Powers up to 200W

Max. workpiece h.: 37.5 cm / 14.8"

Working area: 66 x 50 cm / 26"x 19.7"

Key Features

Small size to safeguard business spaces
 Accessibility to mechanical and electrical parts in a simple way being the machine completely panelled
 Large door with counterweight opening for pleasant work cycle programming
 Robust construction with painted sheet metal panels
 Integrated vision system for centering marking on workpieces (maximum viewing area 70x50mm, 5MP resolution)

Live view of the work area
 Lighting from above or below with dedicated pallets
 Software developed by Elettrolaser, customizable according to needs
 Operator interface with machining management even during operation
 Loading/unloading even during operation
 Unattended automatic working cycle
 Remote monitoring and reports performed
 High performance PC included in delivery

Data sheet

POWER	FIBER	20W / 30W / 60W / 80W / 100W / 200W / MOPA / NIB / PICO
	GREEN	3W / 5W
	UV	5W / 10W
	CO2	10W / 30W / 60W / 100W
AXIS	4 : X Y Z + R	
AXIS TRAVEL	X: 70 cm / 27.6", Y: 25 cm / 9.8", Z: 30 cm / 11.8"	
DIMENSIONS	210 x 115 x 192 cm / 82.7"x 45.3"x 75.6"	
WEIGHT	1000 Kg* / 2204.6 lb	
WORKING CHAMBER	66 cm x 50 cm / 26"x 19.7" (OPEN DOOR 48 cm / 18.9")	
PALLET	NUMBER OF PALLET	72 PALLET (4 COLUMNS X 18)
	MAXIMUM HEIGHT OF WORKPIECE	6 cm / 2.4"
	MAX. PALLET SIZE	30 x 30 cm / 11.8"x 11.8"
	MAX. PALLET WEIGHT	5 Kg / 11 lb
COOLING	AIR*	
CAMERA	VISION AREA 7 x 5 cm / 2.8"x 2"***	
POWER SUPPLY	1P + N + PE, 230 Vac ± 10% ; 50/60 Hz, 1.3 - 3 KW *	

* MAY VARY DEPENDING ON THE LASER SOURCE INSTALLED

** MAY VARY DEPENDING ON FOCAL LENGTH/SOURCE INSTALLED