

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.

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



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)



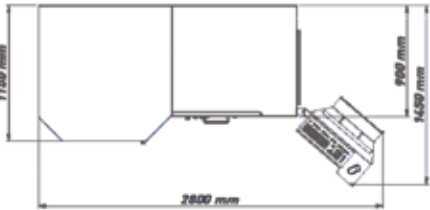
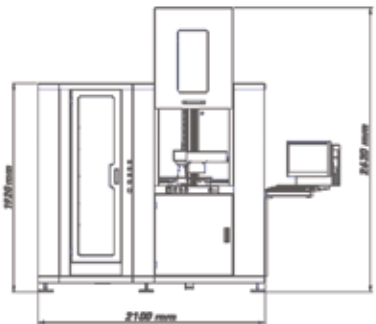
Plus

3D engraving

Powers up to 200W

Max. workpiece h.: 37.5 cm / 14.8"

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



Data sheet

| | | |
|---------------|---|---|
| POWER | FIBER | 20W / 30W / 50W / 60W / 70W / 80W / 100W / 200W / MOPA / NIB / PICO |
| | GREEN | 3W / 5W / 7W / 10W |
| | UV | 5W / 10W |
| | CO2 | 10W / 30W / 60W / 100W |
| AXES | 4 : X Y Z + R | |
| AXIS TRAVEL | X: 70 cm / 27.6", Y: 25 cm / 9.8", Z: 30 cm / 11.8" | |
| DIMENSIONS | LxPxH | 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 D00R 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 |
| ENVIRONMENT | COOLING | AIR* |
| | TEMPERATURE/HUMIDITY | 10° - 30°C / 30% - 80% |
| VISION 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