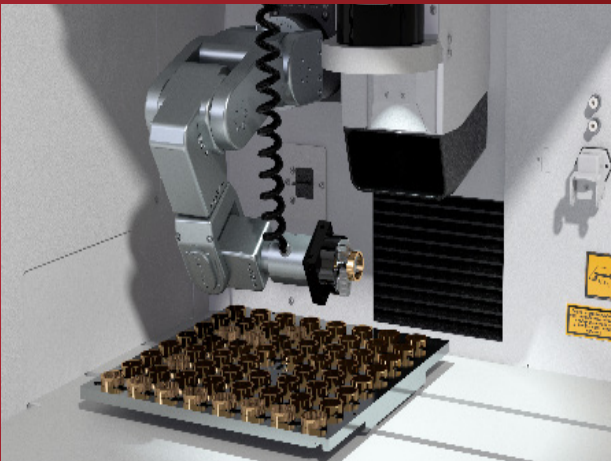# LUXMARK W15 Series

Laser marking and micro cutting

Automatic handling for up to 15 pallets.
Manual management for marking or individual machining.
Elettrolaser in designing this station paid much attention to space and ergonomics for the operator. By loading the pallets and the front working position, the machine can be approached to a wall.
The dimensions are small to safeguard the company spaces. The station has a large door with counterbalanced and inclined opening, for a convenient programming of the work cycle both manual and automatic and easy positioning of the pieces on the pallets.

INTEGRATION: 6-axis robot for marking circular parts (optional).

On request, we can install a 6-axis robot for maximum flexibility, accuracy and precision when marking circular parts.
The robotic arm takes, positions the object, marks it internally and externally at once and places it in place of the XY board.
Thanks to the automatic pallet selection and loading of W15, 640 objects can be marked in a single working cycle without interruptions, managing the operation remotely.
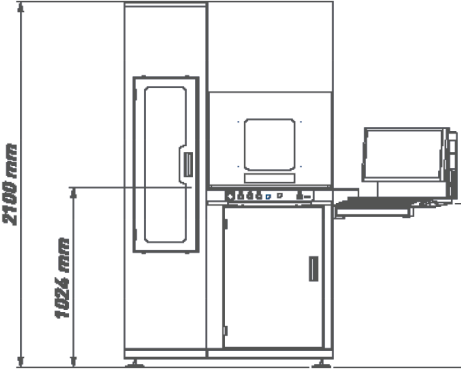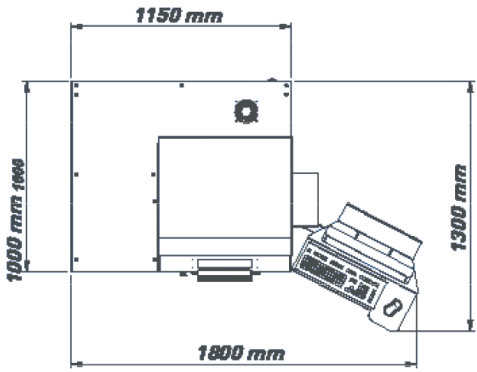
Types of pallets

Plus

3D engraving

Automatic management of the pallet

Integration with 6 axis robots

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	3W / 5W / 7W
	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	130 x 115 x 210 cm / 51.2''x 45.3''x 82.7''
	WEIGHT	525 Kg* /
	WORKING CHAMBER	66 x 50 cm / 26''x 19.7'' (OPEN DOOR 48 cm / 18.9'')
PALLET	NUMBER OF PALLET	15 PALLET
	MAXIMUM HEIGHT OF WORKPIECE	3.5 cm / 1.4''
	MAX. PALLET SIZE	30 x 30 cm / 11.8''x 11.8''
	MAX. PALLET WEIGHT	5 Kg
ENVIRONMENT	COOLING	AIR*
	TEMPERATURE/HUMIDITY	10° - 30°C / 30% - 80%
CAMERA VISION	VISION AREA	7 x 5 cm ** / 2.8'' x 2''
POWER SUPPLY		1P + N + PE, 230 Vac ± 10% ; 50/60 Hz, 1.5 - 3 KW *

* MAY VARY DEPENDING ON THE LASER SOURCE INSTALLED
** MAY VARY DEPENDING ON FOCAL LENGTH/SOURCE INSTALLED