

LUXMARK M & TOP Series

Laser marking and micro cutting

The LUXMARK M and TOP series laser marking machines have been designed in every detail to meet the most varied needs and applications of marking, deep engraving and cutting thanks to the wide range of insertible laser sources. It also supports Picosecond laser source. The working chamber also allows the use of 3D marking technology for complex shapes and 2.5D for the creation of excavations or mold cones. It can be combined with an integral vision system that makes this model even more efficient, productive and accurate with excellent results. The possibility to integrate the motorized base allows a comfortable and ergonomic use. The wide range of sources proposed according to customer needs makes this product truly complete.

Key Features

- Wide opening door (450mm)
- Inclined opening door for a better view of the working point
- Large working area 580x510mm also useful for future integrations
- Care in interior spaces for better recovery of metal
- Push-pull suction for laminar air flow

- Professional and parameterizable multilingual software
- Import files in the most popular formats by technical and graphic software
- Large z-axis stroke (400mm) to integrate future automation
- Controlled and precise «z» axis
- Fine Red File Centering Pointer



Plus



- 3D engraving
- Powers up to 200W
- Max workpiece height: 37.5 cm / 14.8"
- Working Area: 58 x 51 cm / 22.8"x 20.1"

Accessories

- Dynamic High Transducer
- 3D marking head
- Spindle for automatic rings
- Tavola XY
- Towing slab
- Static vise

- Manual or Automatic Vision Systems
- Pattern Matching
- 2.5 D marking software
- Equipment for cutting-marking pipe
- Reverse Engineering with backlight

Data sheet

POWER	FIBER	20W / 30W / 60W / 80W / 100W / 200W / MOPA / NIB / PICO (only TOP serie)
	GREEN	3W / 5W / 7W / 10W
	UV	5W / 10W
	CO2	10W / 30W / 60W / 100W
FREQUENCY	1 to 4000 kHz in various modules depending on the application	
FOCALS	F100 (6x6 cm / 2.4"x2.4"); F160 (10x10 cm / 3.9"x3.9"); F210 (14x14cm / 5.5"x5.5"); F254 (17x17 cm / 6.7"x 6.7"); F330 (23x23 cm / 9.1"x 9.1"); F420 (28x28 cm / 11.1"x 11.1") / 3D HEAD	
LASER GUIDE FOR CENTERING	Laser diode 650nm 2mw	
AXIS	Z: 36 cm / 14.2"	
PC	Included	
DIMENSIONS	62 x 100 x 170 cm / 24.4"x 39.4"x 66.9	
WEIGHT	220Kg* / 485 lb*	
INSIDE CHAMBER AREA	58 X 51 cm / 22.8"x 20.1" DOOR OPENING 45 cm / 17.7" (automatic door: optional)	
COOLING	AIR*	
POWER SUPPLY	1P + N + PE, 230 Vac ± 10% ; 50/60 Hz, 0.8 - 2 KW *	
MAX WORKPIECE HEIGHT	37.5 cm / 14.8" (F160), 35 cm / 13.8" (3D)	

* MAY VARY DEPENDING ON THE LASER SOURCE INSTALLED