

LUXMARK S Series

Laser marking and micro cutting

LUXMARK S series laser markers support automatic plate cutting and all Elettrolaser accessories. They have been developed for precise markings on any type of small objects to have clear and defined details even on geometrically complex pieces.

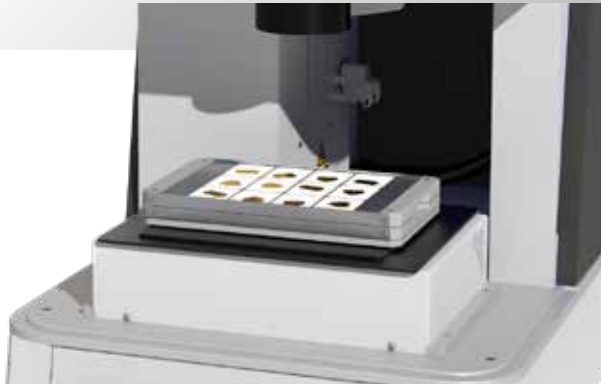
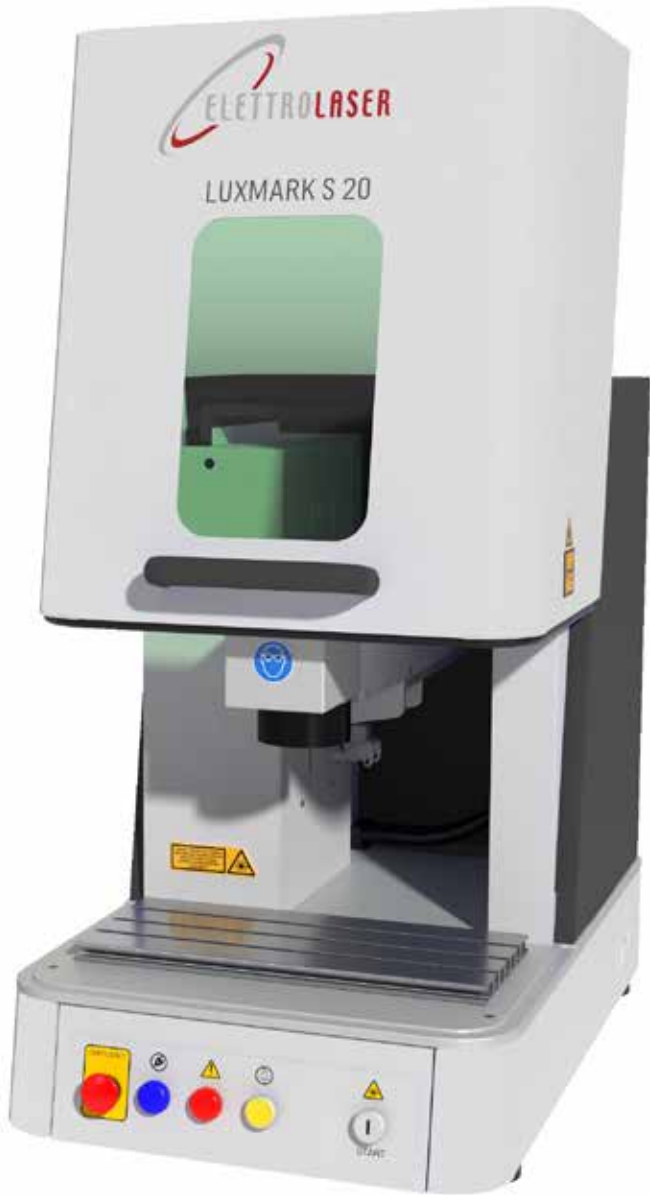
Speed of execution, ease of use and the wide range of accessories are some peculiarities appreciated by operators. The wide selection of insertable laser sources makes these products truly complete. The S Open Series marker differs from the S Series only in the laser class (class IV). Elettrolaser in designing this marking machine has been very attentive to the needs and requirements of the operator.

Key Features

- Wide opening door (370mm)
- Inclined opening door for better viewing for the operator
- Large working area 450x285mm
- Care in interior spaces for better recovery of metal
- Professional and parameterizable multilingual software from operator and company
- Import files in the most popular formats by technical and graphic software
- Large window for internal vision
- Large z-axis stroke (185mm) to integrate future automation
- Controlled and precise «z» axis

Accessories

- Dynamic High Transducer
- Spindle for automatic rings
- Table XY
- Towing slab
- Static vise
- Manual or Automatic Vision Systems
- Pattern Matching
- 3D Marking Head Contact Now
- 2.5 D marking software
- Equipment for cutting-marking pipe
- Reverse Engineering with backlight



XY table (optional) with stroke: 150X100 mm
Ideal accessory for automating marking processes without the aid of templates. Useful for small or medium productions.

Plus

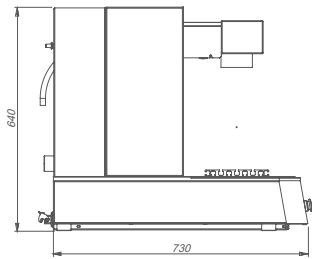
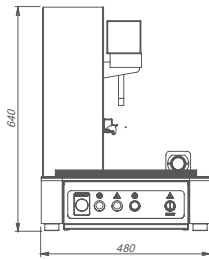
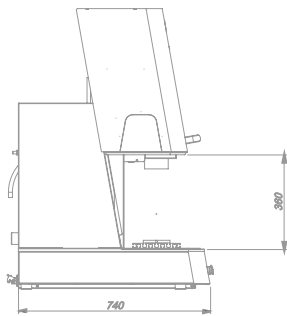
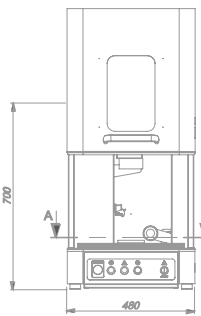


Dimensions: 48,2 X 74 X 70 cm
19"x 29.1"x 27.6"

Custom software

Motorized Z-axis

Working area: 45 x 28,5 cm
17.7"x 11.2"



Data sheet

POWER	FIBER	20W / 30W / 50W / 60W / NIB
	GREEN	3W / 5W / 7W
	UV	3W / 5W / 7W
FREQUENCY	1 to 4000 khz in various modules depending on the application	
FOCALS	F100 (6 x 6 cm / 2.4"x 2.4"), F160 (10 x 10 cm / 3.9"x 3.9"), F210 (14 x 14cm / 5.5"x 5.5")	
AXES	2 : Z + R (Optional: X,Y)	
AXIS TRAVEL	Z: 20 cm / 7.9"	
DIMENSIONS	LxPxH	S: 48.2 x 74 x 70 cm / 19"x 29.1"x 27.6" S OPEN: 48 x 73 x 64 cm - 19"x 28.7"x 25.2"
	WEIGHT	S: 88 Kg* / 194 lb* S OPEN: 55Kg* / 121.2 lb*
	WORKING CHAMBER	45 X 28,5 cm / 17.7"x 11.2" / OPEN D00R 37 cm / 14.6"
ENVIRONMENT	COOLING	AIR*
	TEMPERATURE/HUMIDITY	10° - 35°C / 30% - 80%
POWER SUPPLY	1P + N + PE, 230 Vac ± 10% ; 50/60 Hz, 0.8 - 1.2 KW *	
MAX WORKPIECE HEIGHT	18 cm / 7.1" (F160)	

* MAY VARY DEPENDING ON THE LASER SOURCE INSTALLED