



# EASY FIBER

**The compact laser solution  
for marking, etching and engraving materials  
up to 220x220 mm**

- **EASY Fiber** is a smart and compact solution developed by SEI Laser for marking, etching and engraving metals and thermoplastic materials.
- Maximum work area up to 220x220 mm.
- Outstanding laser beam quality with the smallest spot diameter in the market delivers high-quality marking and high-speed etching and engraving on its minimum work area of 60x60 mm.
- Efficient fumes suction outlets.
- Pneumatic door with three sides open for quick and easy loading and unloading operations.
- Motorized Z axis enables the optimisation of laser spot size according to the size and thickness of material.
- The fiber laser source with zero maintenance provides maximum reliability and high quality performances.
- High grade optics ensures the highest beam focusing quality on large areas.
- **EASY Fiber** is a class 1 laser safety product and complies with international standard IEC EN 60825/1.
- Superior quality MADE IN ITALY.



*Plastic marking*



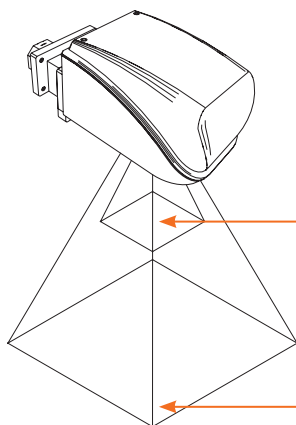
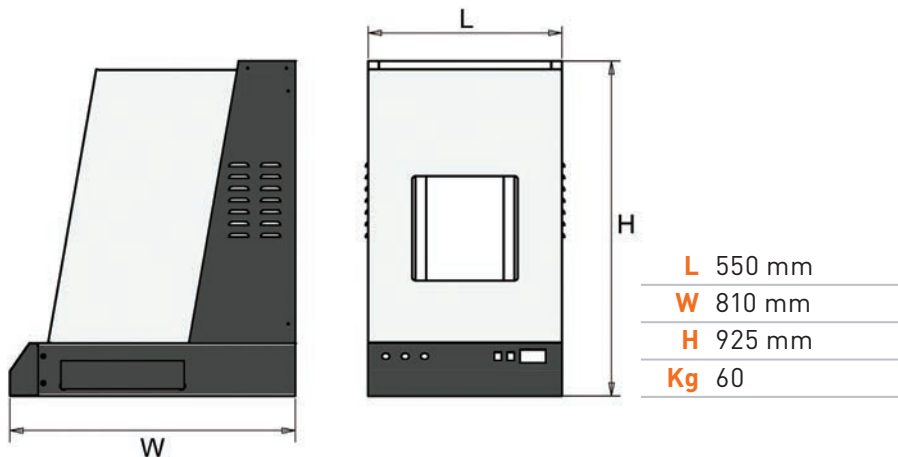
*Metal marking*



# EASY FIBER

## Main technical features:

Power available (W)	50
Laser technology	Yb:YAG Fiber
Wave length (µm)	1060 - 1070
Pulse repetition frequency (kHz)	1÷100
Beam quality factor M <sup>2</sup>	1.5
Spot diameter (µm)	≈25 (work area 60x60 mm)
	≈50 (work area 110x110 mm)
	≈90 (work area 170x170 mm)
	≈105 (work area 220x220 mm)
Cooling	Forced air
Control unit (option)	PC Windows™ based with SW Icaro preinstalled
Norm compliance	2014/35/UE Low Voltage Directive
	2006/42/CE Machinery Directive
	2014/30/UE Electromagnetic Compatibility Directive
	IEC EN 60825-1 Laser



**Min working area** 60x60 mm

**Focus distance** ≈110 mm

**Spot diameter** 25 µm

**Max working area** 220x220 mm

**Focus distance** ≈440 mm

**Spot diameter** 105 µm

### Metal coding



### Metal deep engraving



### Automotive

