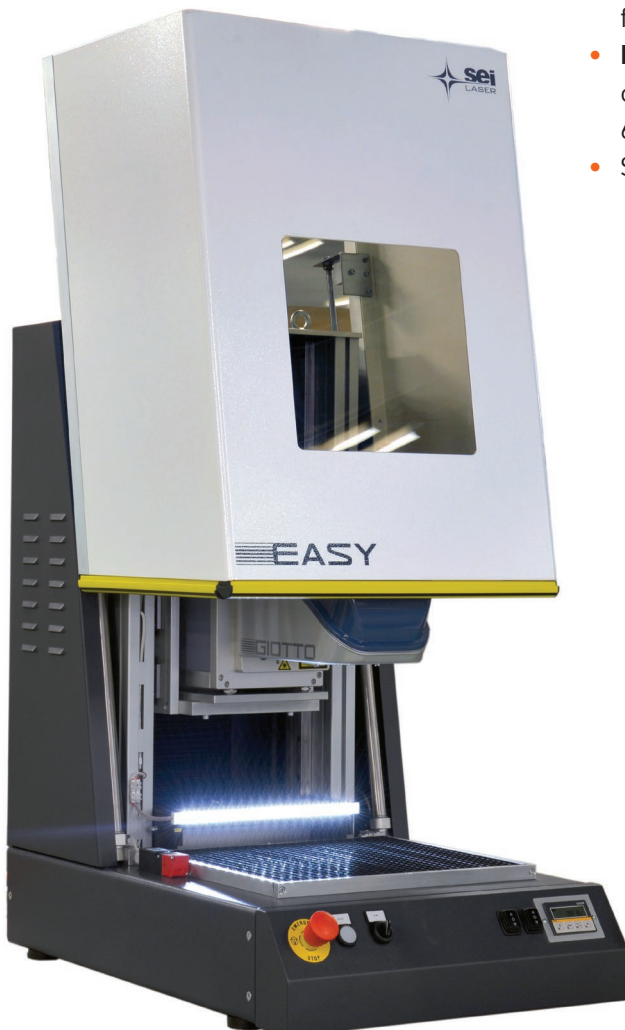




EASY FIBER

**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

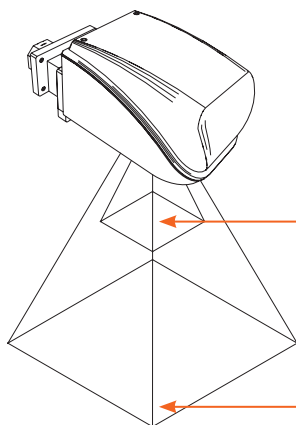
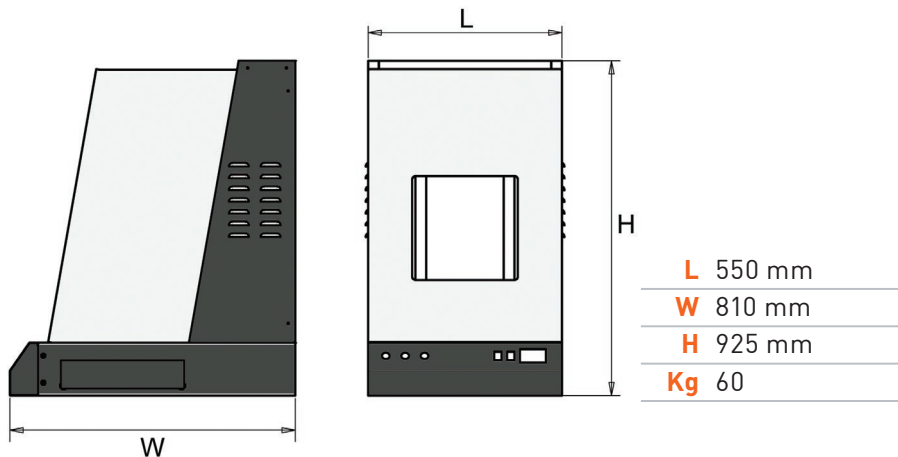




EASY FIBER

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 M2	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. area di lavoro 60x60 mm

Distanza di fuoco ≈110 mm

Diametro spot 25 µm

Max. area di lavoro 220x220 mm

Distanza di fuoco ≈440 mm

Diametro spot 105 µm

Metal coding



Metal deep engraving



Automotive

