



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



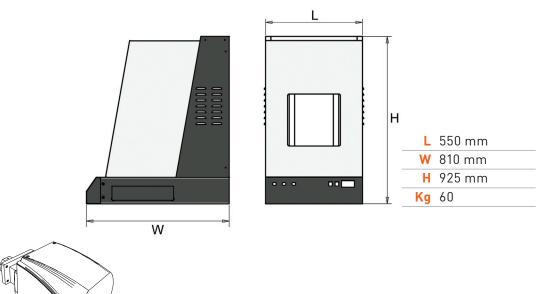


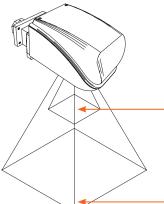


EASY FIBER

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

SEI S.p.A. Via R. Ruffilli, 1 - 24035 Curno (BG) - Italy T. +39 035 4376016 - F. +39 035 463843 - info@seilaser.com - **www.seilaser.com**



Metal coding



Metal deep engraving

eFGHILMNOPQRS 0123456789

Automotive

