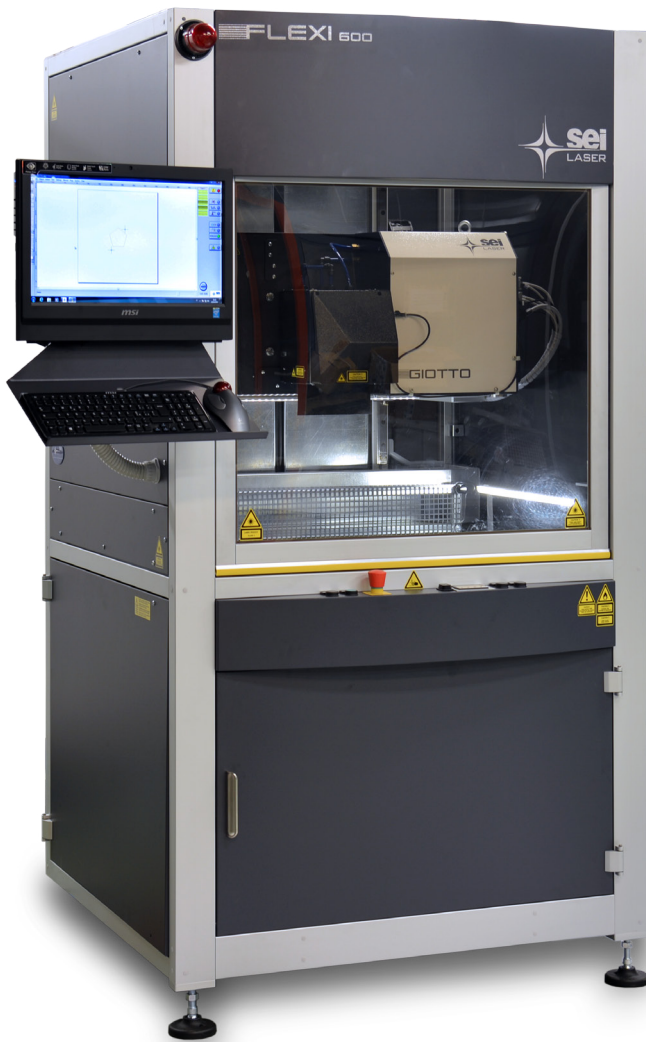


FLEXI 600

THE ULTRA FLEXIBLE SYSTEM FOR MARKING AND CO₂ LASER CUTTING UP TO 1360x600 MM



FLEXI 600 T (sliding table option)



FLEXI 600 TT (pendular table option)

- **FLEXI 600** is the ideal solution for marking, engraving and cutting paper, cardboard, genuine and fake leather, natural and artificial textiles, denim, rubber, wood, acrylics, acetates and organic materials on large areas up to 1360x600 mm (FLEXI 600 TT).
- Innovative 3D-HS scanning head with digital electronics manufactured by SEI. Outstanding laser beam quality (spot diameter < 0.5 mm) on the whole marking area. High performance dynamic focus enabling high speed marking.
- The electronically controlled mobile table produces a 250x250 mm marking area (FLEXI 600) up to 1360x600 mm (FLEXI 600 TT). The sliding table synchronized with the galvo head enables graphics and drawing to be produced in continuous mode or to work with an alternating work cycle (loading/unloading material with continuous output thanks to FLEXI 600 TT).
- Sealed-off CO₂ laser source (no maintenance) providing maximum reliability and high quality performance.
- **FLEXI 600** is a class 1 product and as such complies with the International standard IEC EN 60825/1.

THE LASER WAY





Leather



Wood



Paper



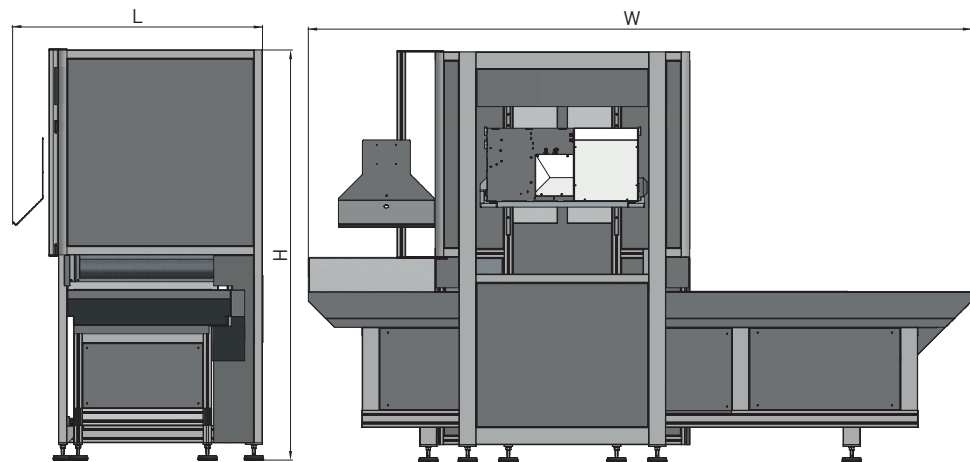
Denim



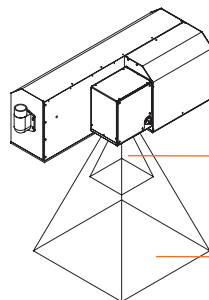
Acrylic

Main technical features:

| | | |
|------------------------------------|---|--------|
| Power available (W) | 80 | 150 |
| Laser technology | Sealed excited by RF discharged | |
| Wave length (µm) | 10.6 | |
| Max power (peak)(W) | > 85 | > 390 |
| Pulse repetition frequency (kHz) | 0-25 | 0.1-50 |
| Beam quality factor M ² | < 1.2 | |
| Spot diameter (µm) | ≈225 (area 250x250 mm) ≈470 (area 600x600 mm) | |
| Cooling | Water (closed loop) | |
| Work area (mm) | 250x250 - 600x600 (FLEXI 600 T sliding table up to 1200x600 mm) (FLEXI 600 TT pendular table up to 1360x600 mm) | |
| Control unit (option) | PC Windows™ based with SW Icaro preinstalled | |
| Norm compliance | 2006/95/CE Low Voltage Directive 2006/42/CE Machinery Directive 2004/108/CE Electromagnetic Compatibility Directive IEC EN 60825-1 Laser | |



| | | | | |
|---------------|-----------|-----------|-----------|--------|
| FLEXI 600: | W=1190 mm | L=1395 mm | H=2670 mm | Kg=410 |
| FLEXI 600 T: | W=3410mm | L=1340 mm | H=2150 mm | Kg=615 |
| FLEXI 600 TT: | W=3480mm | L=1340 mm | H=2150 mm | Kg=615 |



| | |
|------------------|--------------|
| Min working area | = 250x250 mm |
| Focus distance | = 300 mm |
| Spot diameter | = ≈225 µm |
| Max working area | = 600x600 mm |
| Focus distance | = 750 mm |
| Spot diameter | = ≈470 µm |

The product is CE marked.
Features and system requirements may change without notice.