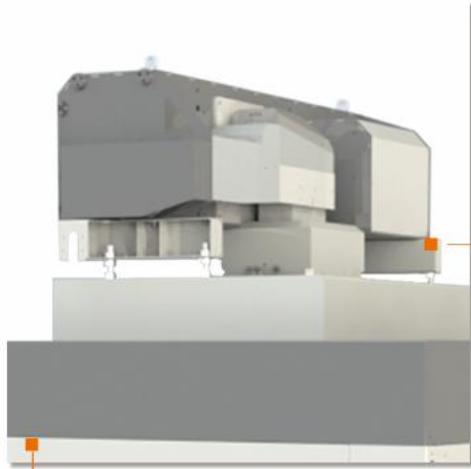
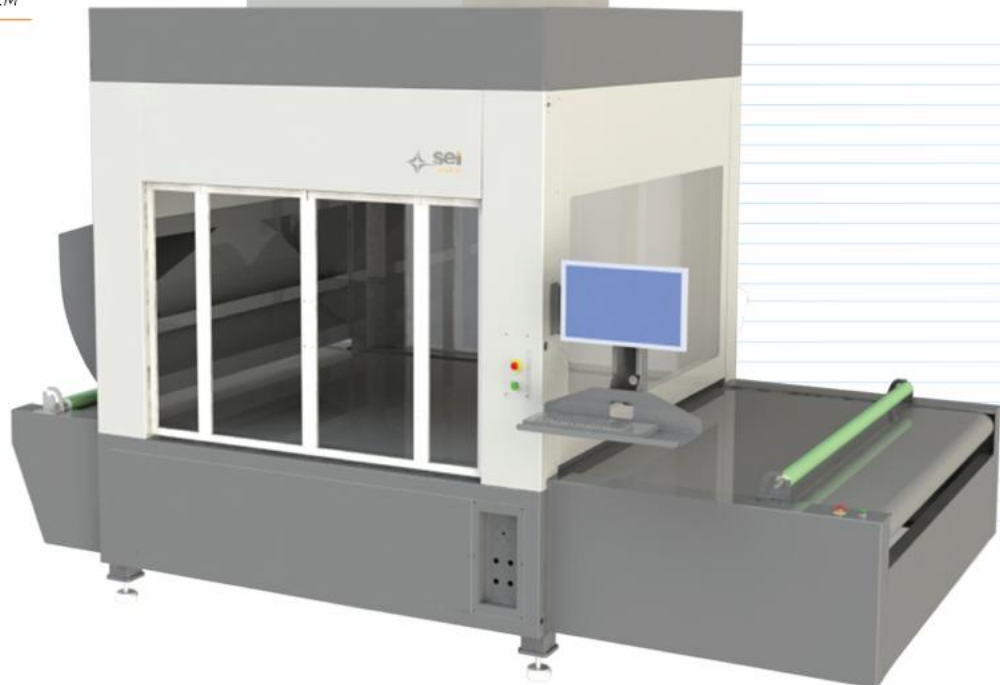


C-1800

LASER ROLL TO ROLL



LASER AND GALVANOMETER SYSTEM



- C-1800 is a large format galvanometer laser device from SEL Laser that matches professional fabric feeding and rolling machines, enabling efficient work of fabric roll to roll.
- Large size and flexible working mode. It can work with marking on fly and marking over window mode, and the working format can be quickly adjusted, which can make it easy to achieve a working range of 1.2-1.8 meters. making the machine more flexible and efficient.
- High production capacity: Laser engraving speed can reach up to 15000mm/s, and marking on fly can reach up to 10m/min.
- The process can be applied on various finished fabrics such as denim, cotton, velvet, leather, cotton- linen, woven, and faux leather, with diversified processes such as carving, grinding, marking, and cutting.
- Superior quality 1800.

THE LASER WAY

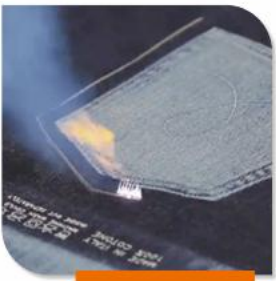




Vector



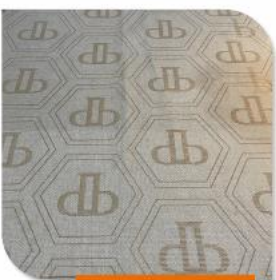
Grinding



Cutting



Leather



Cotton- linen fabric

TECHNICAL PARAMETER	C-1800
Wavelength (um)	10.6um
Laser technology	CO2 sealed off laser source
Laser cooling	Water and additives (closed-loop cooling)
Scanning head	Galvo head with 4 interpolated axis technology
Cooling method	Water cooled with constant temperature
Working area (mm)	1.2-1.8xInfinite length
Control system	Windows and ICARO MARK software
Overall power	10KW
Voltage	AC380V/50HZ
Weight	1500 kg



Main features

- High automation: The fabric adopts the mode of roller to roller, which is convenient and efficient to operate.
- High performance for control technology: Windows system, ICARO MARK software, easy to use, Smart import, smart editing, automatic optimization of laser power.
- support for multiple file formats: AI, DXF, PLT, BMP, JPG, GIF, and other vector and bitmaps.
- Easy to locate: built-in laser preview.
- Conveyor option: marking or cutting function.
- Continuous non stop cycle working (mark on the fly with roll in motion).
- Winder/unwinder system (optional).

