



LaserBridge

The power to create starts here!

LaserBridge at a glance

The LaserBridge System may be used together with one or more slave device (a machine or device that are suitable to be placed under the bridge structure and that will define its cutting plane).

A slave device may be one or more Embroidery Machines of any maker or model (to cut directly on the embroidery frames) and/or a fixed or motorized Cutting Table (to cut pieces of material positioned on the table) and/or an Unrolling-Rolling system (to cut materials supplied in rolls).

The current range of LaserBridge consists of a single version manufactured in different lengths so that it may be adapted to any Embroidery Machine or slave device. The LaserBridge is designed to grow along with your business; thanks to an "Extension" you can, at any time, decide to increase the length of the bridge structure in order to add on further Embroidery Machines or other slave devices.



LaserBridge embroidery machine



BridgePlotter



BridgeBoard



BridgeRoller



Length up to 20 meters!

For Embroidery Machines of any maker or model!



Laser working area up to 600 x 600 mm!

Technical Specifications

Electrical input	1phase 220/240 Vac ±10% - 50/60Hz ±2%
Absorbed power max	5300 W
Dimensions (WxDxH)	see "Overall dimensions" drawing
Weight max	4300 Kg
Noise emission	< 70 dB (without fumes suction unit)
Drive motors type	Brushless
Laser working area (WxD)	up to 600 x 600 mm (24"x24")
Cutting plane size (WxD)	defined by the slave device
Cutting plane type	defined by the slave device (Embroidery frames / Metal grid)
Fumes extraction	suction hood
Fumes suction	External free standig unit
Laser source type	CO ₂ - 10.6 μm - sealed type - RF Air or liquid cooled
Laser power	50 W / 100 W / 200 W
Laser beam delivery	Galvanometric scan head
Laser spot diameter	140 μm
Cutting speed	up to 2 m/s
Translation speed	1.7 m/s
Acceleration	2.5 m/s ²
Resolution	5 μm
User interface	personal computer machine control panel external keyboard FR transmitter
Languages	EN / IT / FR / GE / SP / PO
Software	Focuscut III - LaserBridge Manager
Laser Product Class	Class 1 (EN-60825-1:2003-02) Class I (USA-CDRH 21 CFR)
Safeties	protective enclosures + laser beam stop protective laser safety scanner barrier red/orange flashers safety bumpers

Overall dimensions (mm)

