



Laser engraving  
solution for metal

Large surface

*Controlled by Gravostyle™ software*

LS100<sup>ex</sup> FIBRE  
LS900 FIBRE

# LS100<sup>ex</sup> FIBRE

## LS900 FIBRE

### COMPACT FIBRE LASER SOLUTIONS

The LS100ex Fibre and LS900 Fibre machines are perfect solutions for direct engraving on a wide variety of metal parts and plates. This process dispenses with the need to apply a surface additive. Precision and contrast are thus guaranteed on all your workpieces.

These solutions also produce excellent results on plastics.

Both can be integrated easily into an industrial, workshop or commercial environment.

They meet all your item personalisation, engraving and identification needs.



1080 x 810 x 945 mm



160 kg

Controlled by Gravostyle™ software



#### Focus on Point'n Shoot

The Point'n Shoot function offers rapid and error-free engraving adjustment on the workpiece thanks to the light pointer.

#### Control software

The Gravostyle™ Graphic software facilitates rapid job composition. Its professional interface makes composition faster than ever. Functional, it offers fonts, symbols, ornaments and text tools to enhance your designs.

Practical on a day-to-day basis, the marking settings are stored in files for later use. Its external accessibility and capacity for communication with graphic software applications make it a unique additional tool for controlling cutting and engraving lasers.

## Technical characteristics

2 fibre solution models:		LS100 <sup>ex</sup> Fibre	LS900 Fibre
ENGRAVING CAPABILITIES AND DIMENSIONS	Dimensions (l, D, h)	1025 x 725 x 450 mm	1080 x 810 x 945 mm
	Engraving area	610 x 305 mm	610 x 610 mm
	Z axis travel	145 mm	200 mm
	Max. workpiece dimensions	760 x 330 x 145 mm	650 x 630 x 250 mm
	Max. workpiece weight	25 kg	
	Weight	75 kg	160 kg
	Max raster speed	1,50 m/s	
LASER SOURCE	Pulsed fibre	1,06 µm	
	Power range	20 W ou 30 W	30 W ou 50 W
	Safety	CDRH Class II	
	Interface software	Laserstyle™ Graphic operates as standard in the Windows® environment.	



Do not use to process PVC based material.  
Never leave the machine operating unattended.

## Ergonomic design, reliability and productivity gains

The machine's design maximises user comfort: front opening makes for convenient access and means that workpieces can be loaded from the front and adjusted effortlessly.

Via the ergonomic LCD control panel, engraving jobs can be selected from the list loaded directly onto the machine. The autofocus function guarantees engraving precision.

Optional accessories are available which further extend the capacities of the LS100ex Fibre and the LS900 Fibre. A range of low-power exhaust systems maintain a clean working environment.

## Optional accessories

**Optics:** 3.0" and 4.0" Focal lenses (2.0" as standard)

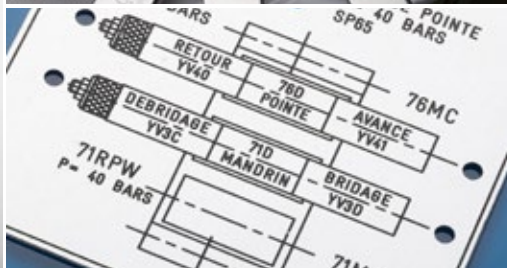
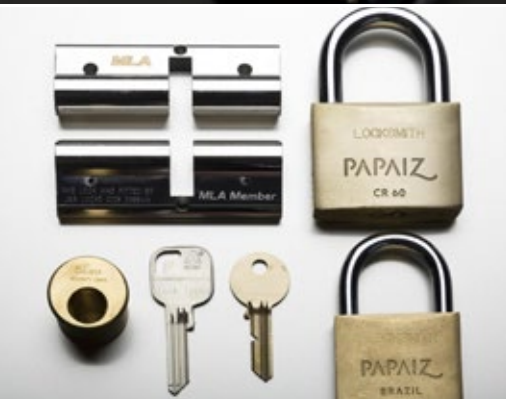
**Machine support:** Support table

**Fume extraction:**  
Independent systems  
Extractors integrated under the machines

**Support tables:** vacuum (LS100ex Fibre only), pivot, honeycomb cutting

**Cylinder attachment:**  
Diam: 3-130 mm and 3-230 mm  
Max. workpiece length: 500 mm





### Ideal for engraving and cutting:

- personalised promotional items, gifts, jewellery, pens etc.
- identification plates and signage plaques
- bulky mechanical parts
- runs of thin metal parts

Outstanding results on items made from steel, stainless steel, cast iron, titanium, aluminium, carbide, silver, brass, ceramics and ABS.



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