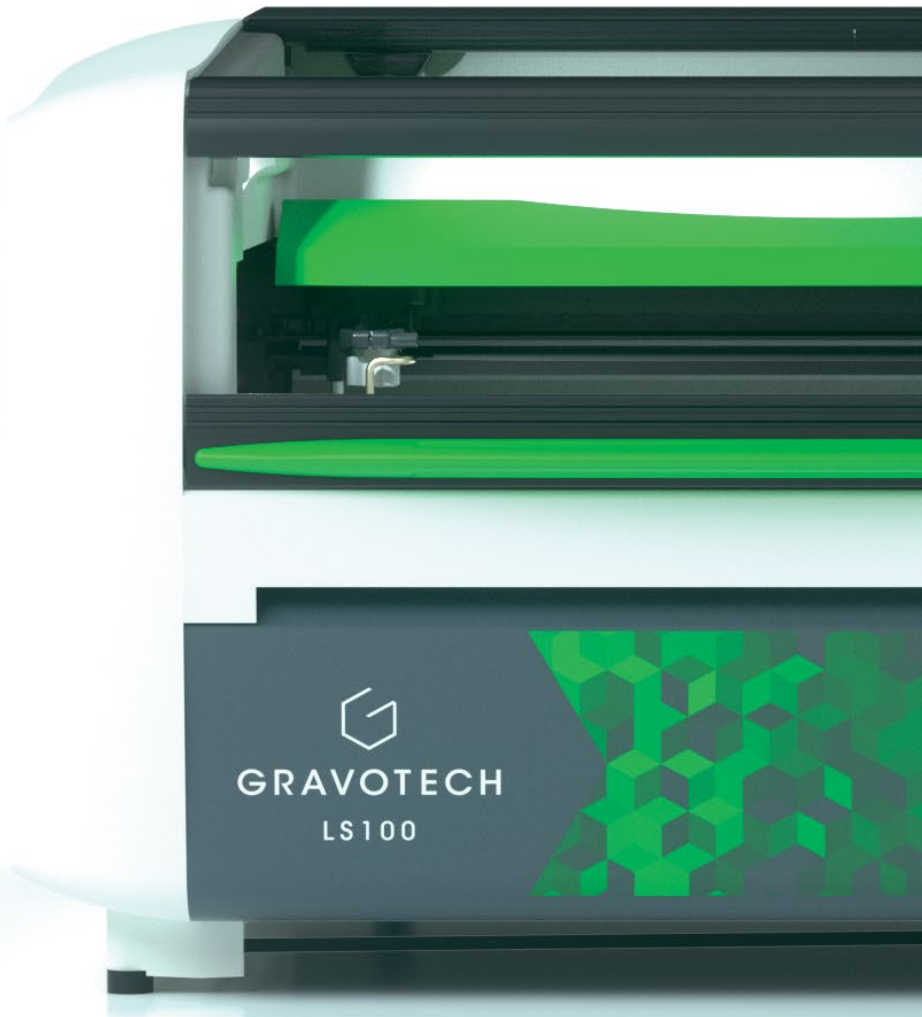
LASER TABLE

LS100

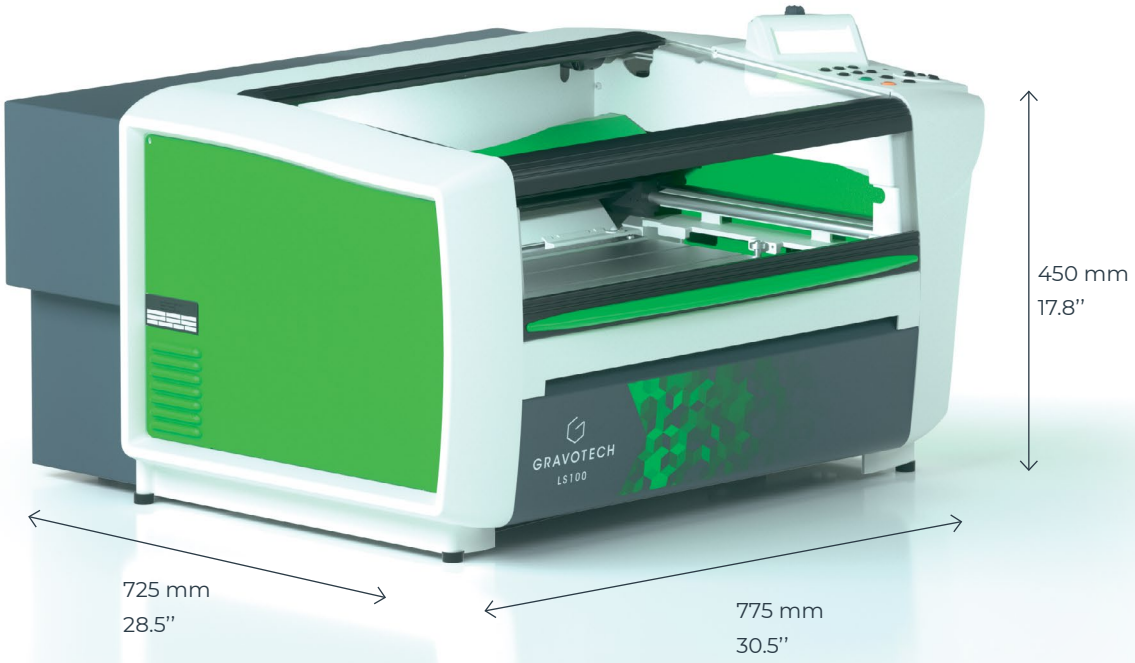


GRAVOTECH

by BRADY

LASER TABLE
LS100

The LS100 is an easy to operate and compact laser engraver to cut and mark a wide range of materials. With its premium build, low maintenance and dedicated software, this small laser etching machine is the solution to be trusted for any application.



CO2 laser engraver for signage, creative cutting, and personalization

SINGLE WORK ENVIRONMENT

LS100 is a premium solution, it is the only gantry laser on the market made of one-piece aluminum chassis, that includes multi-technology professional CAD/CAM software and an RF laser source.

THE SWISS ARMY KNIFE OF LASERS

LS100 is a silent and compact laser engraver adaptable to industrial, commercial and office settings. Engrave glass, create plastic labels, shape acrylic, wood, cut, mark, and define folding lines on paper: this laser cutting and engraving machine can adapt to your every need.

EASY WORKFLOW

One by one or by batches, the LS100 improves your productivity thanks to time-savings features: automatic touch sensing, embedded control dashboard and backlit marking table with a wide front-loading door.

SEE OUR VIDEO

KEY FEATURES

Smart Laser Engraver

The LS100 is automated, silent and space-efficient.

No bulky and loud separate blower or compressor, the exhaust and air assist are integrated and triggered automatically.

Place the items into the well-lit cabinet and front-loading door and let the laser detect their height for accurate positioning.

All lasering parameters are saved in a material library for increased productivity.

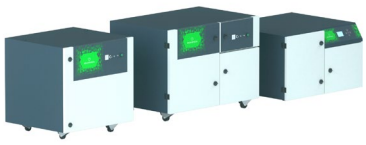
Dedicated And Multi-Technology Software

The LS100 is available with Gravostyle, our unique dedicated software: create and edit designs, vectorized logos and pictures, use specific fonts in every languages and alphabet, compose in Matrix mode.

This software is also an advanced piloting tool for your LS100.

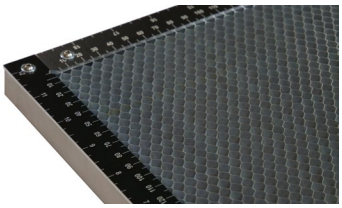
This CO2 laser engraver can also be used with third party software.

ACCESSORIES



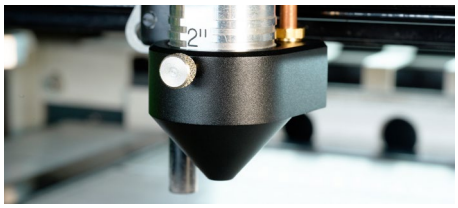
Exhaust system

Laser fume extractors guarantee clean and safe work and working environment. Their role is to suck up dust and gases and filter out odours produced during machining.



Laser cutting bed

Laser cutting bed to help you with your cutting jobs and prevent damage to the part or laser engraving machine.

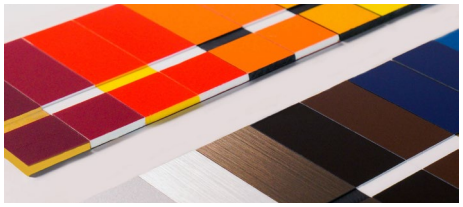


Laser nozzle

Laser nozzle to help you with your cutting jobs and to protect the lens of your laser engraving machine.

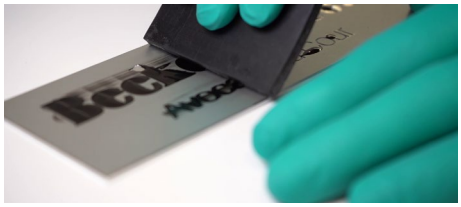
LEARN MORE ABOUT THE LS100

CONSUMABLES



Engraving materials

With over 60 years of expertise, Gravotech develops its own engraving materials, including plastics, metallics, and wood.



Engraving supplies

To complement the use of a laser machine, some engraving accessories are essential: colouring products, cleaning agents, adhesives, and signage fasteners.

Engravables

Medals, door plates, badges, and key rings are ideal for many potential customers, making them the perfect products to start a business with a laser machine!

SOFTWARE: GRAVOSTYLE™

Expert software made by engravers for engravers

Benefit from advanced possibilities and save time! Unique features available: Braille, Photostyle, Print & Cut, and more. Due to our history of making engraving machines, we have a full understanding of the engraving process.

Gravostyle™: unique software for laser and rotary

No need to learn how to use another software, switch in one click on the Gravostyle™ interface to set-up laser or rotary engraving!

SERVICE & SUPPORT

Training

Standard or customized training sessions, at your place or online.

Technical Support

Gravotech experts dedicated to support and guide you.

Maintenance

Gravotech has established a dedicated program for each machine type, including cleaning, adjustments, safety checks and more.

APPLICATIONS

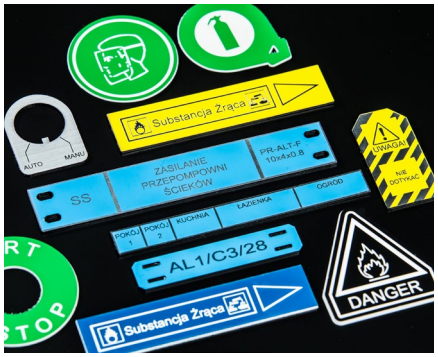
Funeral plaques and headstones engraving

Engraving & laser cutting of custom ink stamps

Pet and dog tags engraving

POP displays and sign engraving

Express engraver



ID tags

MATERIAL CHARACTERISTICS

	Technology	CO2
Materials	Rubber	⬡ ⬍
	Paper, cardboard, cork	⬢ ⬍
	Leather	⬍ ⬡ ⬍
	Glass, crystal	⬢
	Anodized aluminum	⬢
	ABS	⬡
	Acrylics & derived	⬡ ⬍
	Wood, varnished wood, MDF	⬢ ⬡ ⬍
	Engraving materials	⬢ ⬡ ⬍

⬍ = Cutting ⬡ = Engraving / Deep marking ⬢ = Marking / Etching

MAKE YOUR SAMPLES

TECHNICAL DATA

	LS100
Laser source	CO2
Available power version	30 W - 40 W - 60 W
Available lenses	1.5'' - 2.0'' - 2.5'' - 3.5'' - 4.0''
Marking area max	460 x 305 mm (18 x 12 in)
Max object height	145 mm (5.7 in)
Max object weight	15 kg (33 lbs)
Machine dimensions (L x W x H)	775 x 725 x 450 mm (30.5 x 28.5 x 17.8 in)
Weight (kg)	43 kg (94.8 lbs)
Z axis auto	145 mm (5.7 in)
Noise (dB)	≤ 70
Point & shoot	Yes
Operating temperature	10 °C (50 °F) - 35 °C (95 °F)
Connection to computer	USB
Maximum speed	2540 mm/s (100.000 in/s)
Classification	CDRH: Class 2
Beam diameter	0.1 mm (0,004 in) to 0.4mm (0,016 in)

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