



GALVOSPINNER machine



**AUTOMATIC LASER MACHINE FOR LEATHER AND IMITATION LEATHER**

The GALVOSPINNER machine, equipped with a galvanometric laser cutting system and an automatic rotating turntable with six positions, is ideal for the die-cutting and laser engraving of labels and accessories in leather and imitation leather. It automatically processes a single piece, cutting and engraving with a raster effect, also giving photographic reproduction without the need for using expensive clichés. This machine is compact, very easy to use and is ideal for medium-high production. It fully meets the needs of those who want to optimise the production of leather and imitation leather labels that the market increasingly demands. Also available in the version GALVOSPINNER 300.

**SIMPLICITY** - the machine has been designed and engineered down to its smallest detail to permit easy use and even by an unqualified operator.

**RELIABILITY** - the machine uses the best technology and premium components to always guarantee high performance.

**MACHINE DESCRIPTION**

**LASER SOURCE**

Completely sealed CO2 gas laser source: this is the latest technology available on the market. It allows constant laser power control and because of its reliability and long life it is suitable also for working long shifts and does not require continuous replacement of the external gas cylinders.

**SETTING STORAGE**

The processed drawings can be stored on the machine, making them instantly available with the settings stored, ready for future orders. The outlines are stored together with a text file in which the operator can write notes and comments.

**WATER CHILLER**

Keeps the temperature of the laser source stable, keeping performance constant assuring constant production.

**ACCESSORIES (OPTIONS)**

“LABEL GENIUS CAMERA”



The Hi-Tech Video Camera automatically recognises the pieces and labels to be engraved or cut, without the need for positioning templates. Ideal for working irregularly shaped labels, precisely positioning the engraving on the desired reference point, for example next to writing or a logo on the individual piece.

**TECHNICAL FEATURES**

EFFECTIVE LASER BEAM POWER AVAILABLE	
60 W - 120 W	
AXIS POSITIONING ACCURACY	OPERATING FREQUENCY
0,03 mm (0,001 inch)	5 KHz
MARKING SPEED	SYSTEM REPEATABILITY
450 characters a second	0,038 mm (0,0015 inch)

**Speed and Power**

Possibility of programming an unlimited number of different power levels and speeds of the laser ray on the same label.

**PC INCORPORATED**

The machine is supplied with a PC complete with keyboard and mouse ready for immediate use without installing any external software.

**TECHNICAL DATA**

OUTPUT DETAILS	MAXIMUM SPEED	1.500 pcs/h	MACHINE DETAILS	ELECTRICS	230 V 50 Hz
	WORKING DESIGN MAX. AREA	GALVOSPINNER 130x160 mm GALVOSPINNER 300 300x340 mm		MAX ABSORBED POWER	5 kW
			COMPRESSED AIR	8 bar	
			NOISE LEVEL	< 70 dB	
			WEIGHT	GALVOSPINNER 400 kg   G.300 450 kg	
			DIMENSIONS	GALVOSPINNER 100x165x150 h cm GALVOSPINNER 300 100x165x170 h cm	



GALVOSPINNER machine complete with LABEL GENIUS CAMERA (option)



LABEL GENIUS CAMERA

The **Label Genius Camera** can be installed on our **GALVOSPINNER** and **GALVOSPINNER 300** machines. These machines are equipped with a **galvanometric laser cutting system**, making them perfect for **automatic die-cutting and marking single pieces of leather and imitation leather accessories and labels**, giving a raster effect without having to make expensive dies or clichés.

AVAILABLE FOR:



EASY TO USE

Even an unskilled worker can operate the program easily.

REDUCES WASTE

The operator can set the parameters for the cutting and the engraving of the piece. **Our software automatically positions the drawing to be cut or marked with precision without the need of using a guide outline.** It also makes it possible to automatically place a design anywhere on the label using a reference point already on the label.

MAIN FEATURES

- » Colour sensor.
- » Led stabilized white lighting.
- » The software reads a wide range of shades of colours.
- » The camera is very precise: **< 0,5 mm.**



TECHNICAL DATA

TOLERANCE	< 0,5 mm	
WORKABLE DIMENSIONS	GALVOSPINNER	110 x 110 mm
	GALVOSPINNER 300	200 x 200 mm