

THE LOW-EFFORT, HIGH-VALUE LASER PERSONALIZATION MACHINE

Add stylish metallic logos, text and graphics directly onto items in minutes





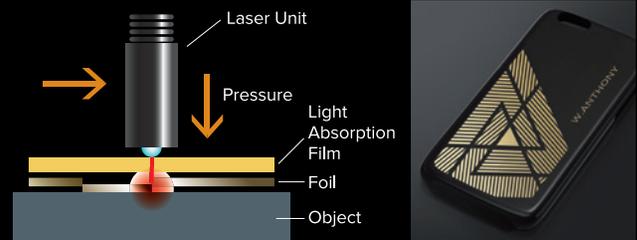
Laser Decorator
LD-300





Create Unique Custom Products in 4 Easy Steps

The LD-300 has no complicated operating procedures and provides a simple 4-step process. Simply place your object in the machine, add your chosen foil, laser imprint your design via the included METAZAStudio software, and your personalized object is ready-to-sell.



Customize Products in a Myriad of Textures and Colors

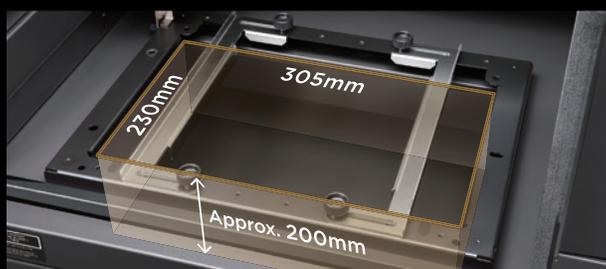
Fast, easy-to-use, and safe-to-operate, the DGSHAPE LD-300 laser decorator personalizes wallets, phone cases, notepads, packaging items and so much more with super-stylish metallized foil logos, designs and text. It provides a unique opportunity for your kiosk, online shop, or graphics business to create original and exciting custom products in minutes.



More Size, More Speed, and Now with Leather Personalization

The LD-300 builds on the platform of the revolutionary LD-80 to personalize polycarbonate, acrylic, polystyrene, and other plastics up-to 12" x 9". No longer limited to small giftware items, you can now imprint on larger items, multiple items at once, and expand your applications to include leather products.*

* Use genuine leather processed with plant-based tanning. Other types of treated leather may produce inconsistent results.



Low-Cost Materials and Economic-to-Use

In addition to the LD-300 being incredibly economic-to-use when compared to hot-foil stamping, the materials it uses are also inexpensive. With a broad range of holographic, metallic, matte, gloss and other metallized foils to choose from, you can achieve amazing graphic finishes in a myriad of unique effects.



Safe, Stylish, Laser Precise Graphics

The LD-300 uses laser transfer technology to apply heat-activated adhesive foil to various materials and products. The pinpoint accuracy of laser technology combined with a high-quality transfer foil can create designs as small as a fraction of a millimeter. As a fully-enclosed, "Class 1" standard laser device, it can be used in any home, office, or retail environment.



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Highlights

- Includes METAZASoftware— use system fonts and vector designs and import designs from AI or EPS formats.
- The LD-300 can also be used without foil on leather for sophisticated pyrographic embellishment.
- Features a removable print table and an expansive decorating area to personalize objects in a 12" (W) x 9.06" (D) space.
- With a user-replaceable poly lens, the LD-300 is very easy-to-maintain.
- With a maximum production speed of 1.89 in./s (48mm/s), the LD-300 laser imprints at twice-the-speed of the original LD-80.*
- A compact and clean machine that creates no dust or gas and fits your office, studio, or home environment.
- At the touch-of-a-button, a laser pointer reveals the origin point on the media.
- An included vise holds your objects perfectly in place and allows for quick set-up.

**Based on maximum LD-300 laser imprint speed of 1.89 in./s (48mm/s)*

Specifications

Imprintable material	Acrylic, ABS, PP, PS, PC, PU, PVC, vegetable tanning leather, paper for package (according to the condition)
Loadable material size	With table: 12.72 in. (W) x 10.51 in. (D) x 1.96 in. (H) [323 mm (W) x 267 mm (D) x 50 mm (H)] Without table: 11.06 in. (W) x 8.43 in. (D) x 8.5 in. (H) [281 mm (W) x 214 mm (D) x 216 mm (H)] <i>Must be flat material (Within ±0.5 mm from the Z detection position)</i>
Maximum imprint area	12 in. (W) x 9.06 in. (D) x 1.57 in. (Z) [305 mm (W) x 230 mm (D) x 40 mm (Z)]
Recommended imprint area	10.66 in. (W) x 7.56 in. (D) [271 mm (W) x 192 mm (D)]
Resolution	Default 353 dpi (text), 1058 dpi (vector)
Imprint direction	Unidirectional imprinting or bidirectional imprinting (Selectable with Windows driver)
Default print speed	0.95 in./s [24 mm/s]
Maximum printing speed	1.89 in./s [48 mm/s]
Interface	USB
Power requirements for AC adapter	AC 100 to 240 V ±10%, 50/60 Hz
Power requirements for machine	DC 19 V 1.0A
Power consumption	23 W
Operating noise	70 dB (A) or less
Operating temperature	50 to 86°F [10 to 30°C]
Operating humidity	35 to 80% (no condensation)
External dimensions	24.25 in. (W) x 23.11 in. (D) x 19.06 in.(H) [616 mm (W) x 587 mm (D) x 498 mm (H)]
Weight	101.4 lbs [46 kg]
Light source for imprinting (foil transfer)	Class 4 laser; wavelength: 450 nm; dispersion: 23 degrees; pulse width and repeatability: 167.5 μs, 4 kHz; max. output: 1.6 W
Light source for positioning	Class 1 laser; wavelength: 655 nm
Safety devices Interlock	Interlock: When the cover opens, the laser power supply turns off Cover: Light-blocking cover
Included items	AC adapter, power cord, USB cable, Software Package CD, setup guide, material retainer, film retainer (10 sheets), etc.

Specifications subject to change. See website for details.



Highest Standard of Quality Reliability and Support

A two-year manufacturer's warranty and industry-best customer support ensures that your device is always up-and-running.

For detailed features and specifications, visit www.rolanddga.com/LD300

Get social with us



FOR MORE INFORMATION OR TO FIND A DEALER NEAR YOU, CALL 800-542-2307 OR VISIT WWW.ROLANDDGA.COM/LD300
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