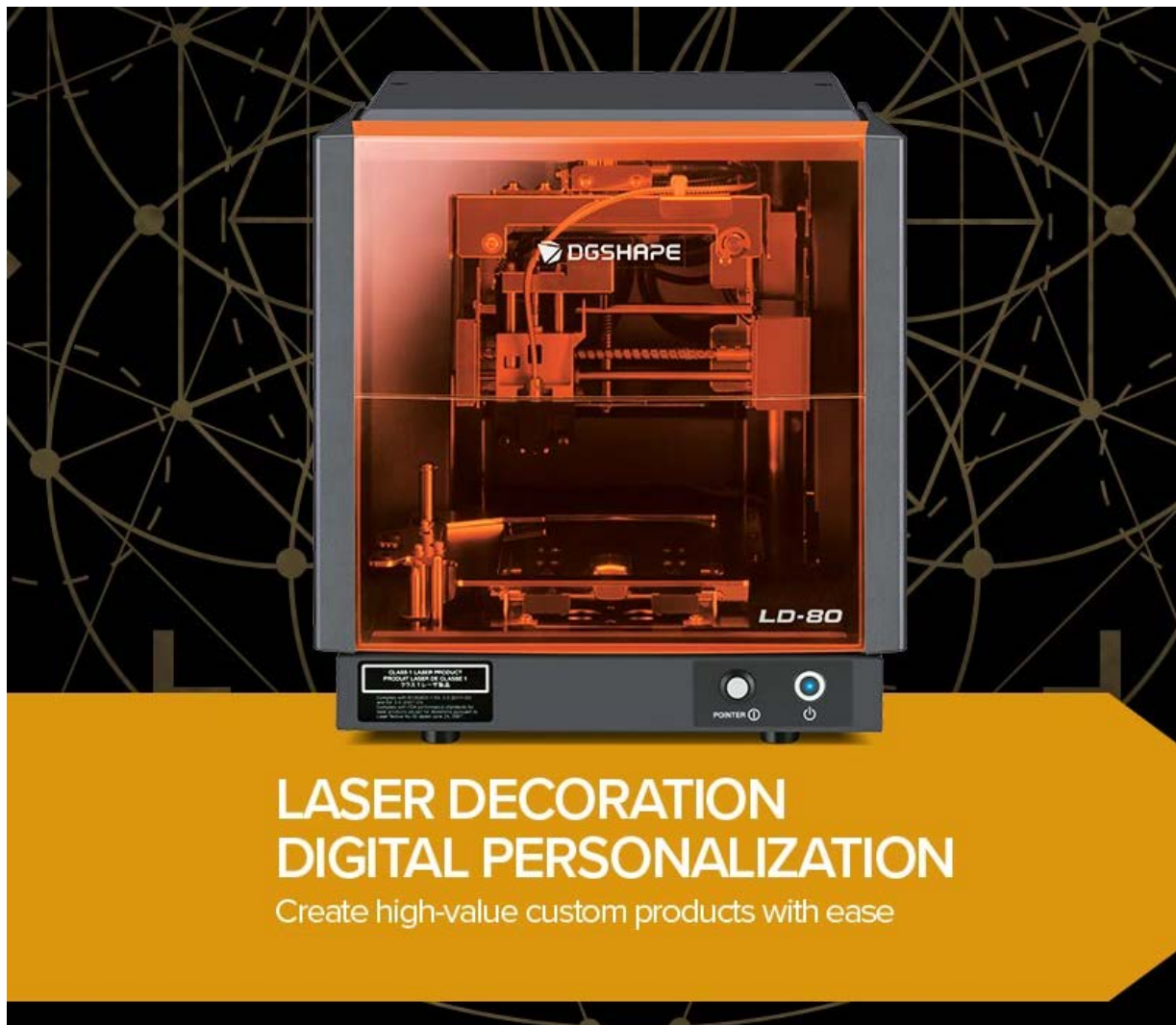


# LD-80 Laser Decorator



## Overview

Simply enter your personalized text, upload a graphic, and with precision and ease, your unique designs are transferred onto polycarbonate, acrylic, and other plastics. The DGS SHAPE LD-80 is easy-to-use and safe-to-operate, using a Class 1 laser to heat transfer metallized foils onto gifts, promotional giveaways, merchandise and so much more. With the LD-80, you'll take objects from average to amazing in minutes.



# So Many Profitable Personalization Opportunities

An industry-first in personalization, the LD-80 Laser Decorator offers a unique opportunity for your kiosk, gift shop, online store or personalization business to create exciting new custom products with dazzling text and reflective graphics.



Personalize pens, fountain pens, and other office items.



Add names and monograms to products.



Personalize lipstick and other cosmetic products.



Personalize guitar picks and musical accessories.



Add fun graphics to pop sockets.



Brand and personalize electrical accessories.





Use different film combinations for stunning custom phone cases.



Make sunglasses and spectacles even more personal and fashionable.



Customize plastic cards and other items using specific films and serial data to create exclusive membership items.



Add information to pill boxes and other personal items.



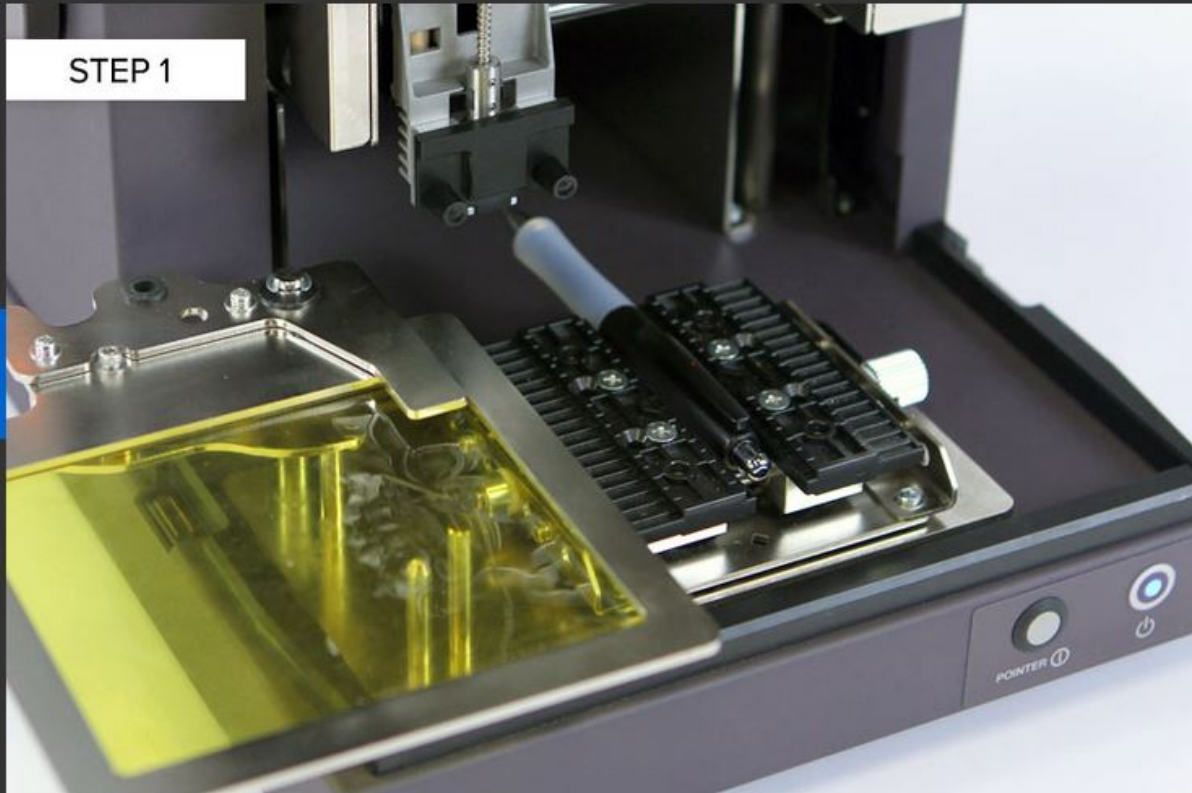
Personalize souvenirs and novelty items.



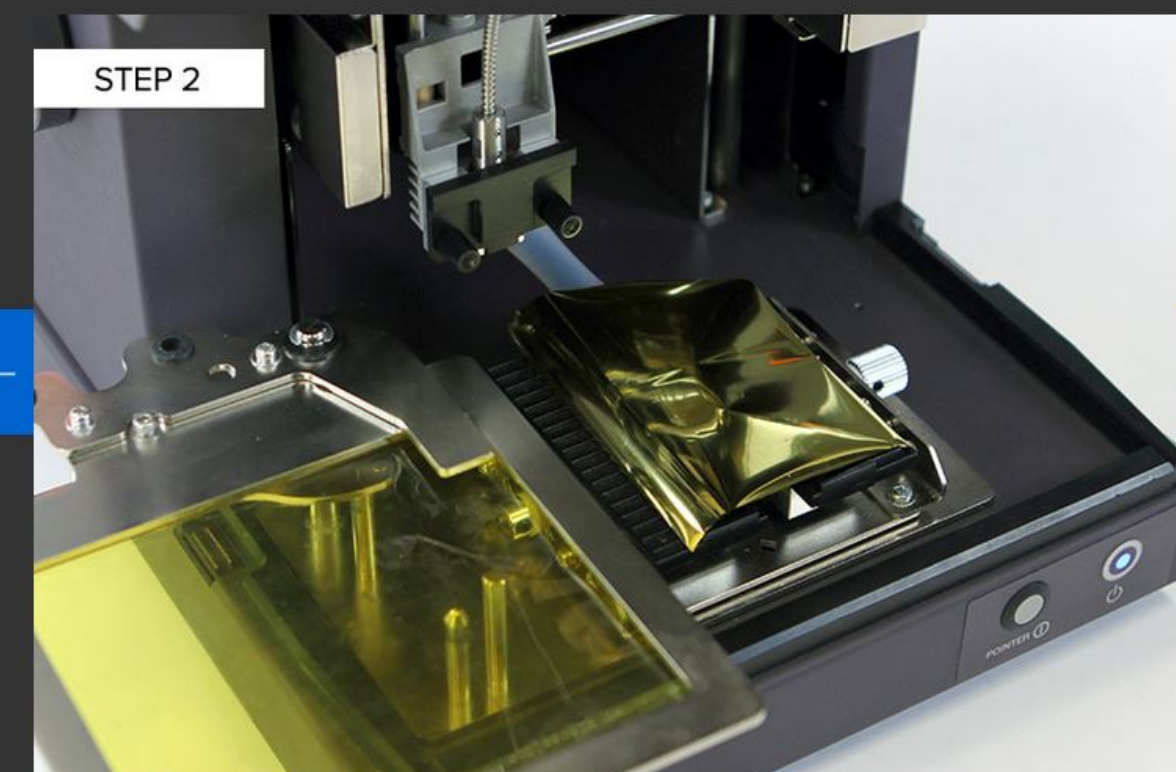
Add fashionable hot-foil-stamp graphics to mini books and pocket notepads.

# Create Unique Custom Products in 4 Easy Steps

The DGS SHAPE LD-80 is incredibly economic and easy-to-use, using an advanced digital process for foil transfer customization. When compared to traditional hot-foil stamping methods and laser engraving technology, the LD-80 Laser Decorator is a less complicated, cleaner and safer personalization option.



Place your object in the machine.



Add your chosen foil.

### STEP 3



Laser imprint your design via METAZA Studio Software.

### STEP 4



Your customized object is ready to sell.





Inside the DGSHAPE LD-80



## Additional Features



### **Includes Easy-to-Use Software**

You don't need to be a graphics expert to design and output artwork in METAZAStudio Software.



### **Vector Graphics and Text**

Import and edit a wide range of files in METAZAStudio and get detailed text and image results with the LD-80.



### **No Hunger for Power**

Requires no special electrical set-up and works with standard wall sockets — does not need large amounts of heat or pressure.



### **Variable Data**

Input your serial data, including numbers and names to produce items for multiple customers.



### **Portable Production**

A compact machine that can be taken to different locations and events for on-demand personalization— expand your business beyond the storefront.



### **A Laser Clean Machine**

Runs safe and clean with no debris or gas leakage.

# Specifications

| Model                      |                       | LD-80*   |
|----------------------------|-----------------------|--|
| Transferable materials     |                       | Plastic (ABS, PC, Acrylics)  |
| Loadable material size     | Max:                  | 3.94" x 7.87" x 0.79"<br>(100mm x 200mm x 20 mm)   |
| Design options             |                       | Vector/outline, region fill (scan line, island fill), text, illustration                     |
| Printable area             |                       | 3.15" x 3.15"<br>(80mm x 80mm)   |
| Direction of transcription |                       | Unidirectional transcription or bidirectional transcription (selectable with Windows driver) |
| Jig                        | Size:                 | 100mm x 10mm (inside 90mm x 90mm) (3.94" x 3.94" [inside 3.54" x 3.54"])                     |
|                            | Function:             | Holding the foil, layering the heat absorption film  |
| Interface                  |                       | USB  |
| Power requirements         | Dedicated AC adapter: | AC 100 to 240V±10%, 50/60Hz  |
|                            | Main unit:            | DC19V, 1.0A  |
| Power consumption          |                       | Approx. 14W  |
| Acoustic noise level       |                       | 70dB (A) or less   |
| Environment                | Temperature           | 50 to 86 °F<br>(10~30 °C)  |
|                            | Humidity              | 35~80 (non-condensing)   |
| Dimensions                 | W x D x H:            | 11.3" x 15.1" x 12.2"<br>(286mm x 383mm x 308mm)   |
| Weight                     |                       | 26.5lb (12kg)  |
| Accessories                |                       | Center vise, Jig, AC adapter, power cable, USB cable, CD-ROM etc.                            |

\*This product is a Class I laser device

A fully-enclosed machine ensures complete safe



The LD-80 is operated via the included METAZAStudio Software for effortless machine control and operation  
An included vise holds your objects perfectly in place and allows for quick set-up.  
Easy-to-maintain, the LD-80 includes a user-replaceable poly-lens.

# Foil Compatibility Chart

|                                       | LF-HOLO (HOLOGRAPHIC)    | LF-MET (METALLIC)        | LF-GLOSS (PIGMENT)       |
|---------------------------------------|--------------------------|--------------------------|--------------------------|
| Acrylonitrile Butadiene Styrene (ABS) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Acrylic (ACRYL)                       | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Poly Propylene (PP)                   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Poly Ethylene (PE)                    | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Poly Styrene (PS)                     | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Polyethylene Terephthalate (PET)      | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Polyvinyl Chloride (PVC)              | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Poly Carbonate (PC)                   |                          |                          | <input type="checkbox"/> |
| Styrene Acrylonitrile (SAN)           | <input type="checkbox"/> |                          | <input type="checkbox"/> |

\*Successful text and image results depend on the correct combination of foil and media. For best results, test foil transfer prior to final production. Foil Compatibility Chart results are based on product testing in North and South American regions only (excluding Brazil) with products readily available in these regions.



# Accessories

## CONSUMABLES

| Part No. | Description                    |
|----------|--------------------------------|
| AL-80    | LD-80 LIGHT ABSORBING FILM 5PK |
| HL-80    | LD-80 REPLACEMENT LASER LENS   |

## ROLAND MEDIA

| Part No.     | Description                                     |
|--------------|---|
| LF-GLOSS-BLK | LASER FOIL 3IN X 100FT, GLOSS BLACK             |
| LF-GLOSS-BLU | LASER FOIL 3IN X 100FT, GLOSS BLUE              |
| LF-GLOSS-GRN | LASER FOIL 3IN X 100FT, GLOSS GREEN             |
| LF-GLOSS-GRY | LASER FOIL 3IN X 100FT, GLOSS GRAY              |
| LF-GLOSS-ORG | LASER FOIL 3IN X 100FT, GLOSS ORANGE            |
| LF-GLOSS-PUR | LASER FOIL 3IN X 100FT, GLOSS PURPLE            |
| LF-GLOSS-RED | LASER FOIL 3IN X 100FT, GLOSS RED               |
| LF-GLOSS-WHT | LASER FOIL 3IN X 100FT, GLOSS WHITE             |
| LF-GLOSS-YEL | LASER FOIL 3IN X 100FT, GLOSS YELLOW            |
| LF-HOLO-LSLV | LASER FOIL 3IN X 100FT, HOLOGRAPHIC LINEAR SLVR |
| LF-HOLO-RNBW | LASER FOIL 3IN X 100FT, HOLOGRAPHIC RAINBOW     |
| LF-HOLO-SLV  | LASER FOIL 3IN X 100FT, HOLOGRAPHIC SILVER      |
| LF-KIT-K     | LASER FOIL KIT, 3IN X 100FT ROLLS               |
| LF-MET-BLU   | LASER FOIL 3IN X 100FT, METALLIC BLUE           |
| LF-MET-COP   | LASER FOIL 3IN X 100FT, METALLIC COPPER         |
| LF-MET-GLD   | LASER FOIL 3IN X 100FT, METALLIC GOLD           |
| LF-MET-GRN   | LASER FOIL 3IN X 100FT, METALLIC GREEN          |
| LF-MET-RED   | LASER FOIL 3IN X 100FT, METALLIC RED            |
| LF-MET-SLV   | LASER FOIL 3IN X 100FT, METALLIC SILVER         |