# Roland

**DIMENSE**
Dimensional Surface Printer

## DA-640

# *See* the Difference
# *Feel* the Difference

DIGITAL EMBOSSING    WATER-BASED INK    PVC-FREE SOLUTION

Create a lasting impression with the DA-640

## Features

+ **Unique digitally-controlled 3D structure** – The DA-640 applies colour and 2 mm texture in one step—adding rich, dimensional expression to your prints.

+ **Bold Looks, Irresistible Texture** – DIMENSE media offers non-woven and textile options with embossed finishes—matte, pearlescent, metallic and more.

+ **Cleaner, Safer, More Sustainable** – DA-640 uses PVC-free, water-based inks in cardboard cartridges—cutting plastic use by 82%.

+ **Easy to Learn, Easy to Master** – DA-640 is quick to set up and simple to use, with a 7" touchscreen and smart sensors for consistent, quality prints.

## Technical Specs

| | | DA-640 |
|---|---|---|
| Printing method | | Piezo ink-jet method |
| Media | Width | 259 - 1,625 mm (10.2 - 64in.) |
| | Thickness | Max. 1.0 mm (0.039 in.) with liner |
| | Roll outer diameter | Max. 180 mm (7.08 in.) |
| | Roll weight | Max. 30 kg (66 lb.) |
| | Core diameter | 76.2 mm (3 in.) or 50.8 mm (2 in.) |
| Printing width (*1) | | Max. 1,615 mm (63.5 in.) |
| Ink | Type | DIMENSE Ink 500 ml Cartridge |
| | Colours | Four colours (cyan, magenta, yellow, black) & Structural Ink |
| Printing resolution (dots per inch) | | Max. 1,200 dpi |
| Media heating system (*2) | | Print heater set temperature: 30~40°C (86 ~ 104°F) Oven set temperature: 150~380°C (302 ~ 716°F) |
| Connectivity | | Ethernet (100BASE-TX/1000BASE-T, automatic switching) |
| Power-saving function | | Automatic sleep feature |
| Rated input | | Printer: 200-240 Va.c. 50/60 Hz 3.5 A Oven 1: 200-240 Va.c. 50/60 Hz 16 A Oven 2: 200-240 Va.c. 50/60 Hz 16 A |
| Power consumption | During operation | Approx. 4860 W |
| | Sleep mode | Approx. 50 W |
| Acoustic noise level | During operation | 69 dB (A) or less |
| | During stand-by | 53 dB (A) or less |
| Dimensions (width x depth x height) | | 2,902 mm x 942 mm x 1,548 mm (114.2 in. x 37 in. x 60.9 in.) |
| Weight | | 303 kg (668 lb.) |
| Environment | During operation (*3) | Temperature: 20 to 30 °C (68 to 86 °F), Humidity: 40 to 65 %RH (no condensation) |
| | Not operating | Temperature: 5 to 40 °C (41 to 104 °F), Humidity: 20 to 80 %RH (no condensation) |
| Included items | | Dedicated stand, power cords, oven, media take-up unit, media holders, separating knife, replacement blade, cleaning liquid bottle for maintenance, drain bottle, User's Manual, software (VersaWorks, Roland DG Connect), etc. |

*1 - The length of printing is subject to the limitations of the program.
*2 - **Warm-up is required after power up.** This may require 20 to 30 minutes, depending on the operating environment.
*3 - Use the machine in an operating environment within these ranges.

AUTHORISED DEALER:

**Roland**

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