Roland SABUR

DIMENSE

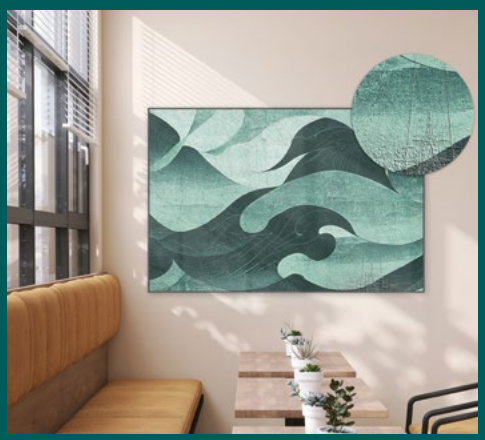
DIMENSIONAL SURFACE PRINTER

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.

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