Roland®

DIMENSE
DIMENSIONAL PRINTING

Dimensor S

A NEW DIMENSION IN DIGITAL DECORATIVE PRINTING

DIGITAL EMBOSSING   WATER-BASED INK   PVC-FREE SOLUTION

DIMENSE Applications: Transforming Spaces with Artistic Flair

Additional Features

Unique Digitally Controlled Structure With Full Color In One Pass

With DIMENSE, you can print 3D textures and colors in one go, using a range of media with various finishes.

Whether you want matte, suede, gold, silver, pearlescent, or chameleon, on wall paper or textile, DIMENSE can create amazing prints that rise up to 1.5 mm high and 1.58 m wide.

Sustainable, Eco-Friendly Solution

DIMENSE is a green and stunning technology that uses water-based inks and media that are free of PVC. It meets indoor safety standards like AgBB or A+, so you can print safely and remain eco-friendly.

Technical Specs

		Dimensor S
Printing method		Piezo ink-jet method, 2 heads in staggered position, structural printing
Maximum printing width / media width		Max. 62.2 in. (1,580 mm), Max. 63 in. (1,600 mm)
Acceptable Media	**Width / Length**	Only compatible with Dimense Media
	Thickness / Weight	
Ink	**Type**	Water-based Dimense Ink and Dimense Structural Ink
	Colors	Four colors (Cyan, Magenta, Yellow, Black) Structural Ink
	Bag capacity	1.0 L
Standard printing speed		10 m²/h
Ink drying and media foaming		Built-in ceramic calendar system with 5 zones
Printing resolution (dots per inch)		Max. 720 × 1,440 dpi
Connectivity		Ethernet RJ45, 10/100/1000 Gbit cable
Power requirements		3x AC 400V Y+N, 50-60Hz, 10.5 kW Socket type 1x CEE16
Dimensions	**Including extraction filter**	133 × 61 × 60 in. (3,375 × 1,543 × 1,520 mm)
	Excluding extraction filter	117 × 61 × 60 in. (2,965 × 1,543 × 1,520 mm)
Weight		1,852 lb. (840 kg)
Environment	**During operation**	Temperature: 68 to 78.8°F (20 to 26°C), Humidity: 35 to 80% RH (no condensation)
	During standby	Temperature: 59 to 86°F (15 to 30°C), Humidity: 20 to 80% RH (no condensation)
Included items		Bulk-ink system for pouches, RIP software

Built to build your business and engineered to a higher standard, the Dimensor S is supplied with a One-Year Trouble-Free Warranty for added peace-of-mind.