

Industrial 3D Texture Digital Printer

This automatic hybrid digital printer is designed for industrial applications, including building decoration digital printing, and is capable of printing 3D textures. The advanced printing equipment combines automation and digital technology to deliver high-quality, customizable prints on a variety of materials.



Overview

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This advanced industrial digital printer is engineered for high-precision 3D texture printing, combining automation with superior color accuracy. Designed for efficiency, it features a large printing area and a hybrid printing mode that balances high resolution with productivity. It is an ideal solution for businesses requiring consistent, high-quality printing on building materials and other industrial substrates.

Print Performance

Print Head Nozzles	72000 nozzles
Print Head Count	36
Drop Size	6 pl
Resolution Technology	720NPI, 4-level grayscale

Productivity & Dimensions

Printing Area	3 x 1.25 m
One-Pass Printing Width	1260 mm

Ink System

Ink Consumption	4-9 ml/sqm
Ink Circulation Volume	120 ml/min

Key Features

Advanced Functionalities

- Nozzle compensation for banding prevention
- Color enhancement with chromatic aberration smoothing
- Seamless print head stitching
- Flatness corrective mechanism with vacuum adsorption
- Closed-loop ink system with real-time monitoring

Printing Modes

Single Pass • Multi-Pass Hybrid • On-Demand Printing