

UV Single-Pass Digital Printer for Wooden Floors

This UV single-pass digital printer is designed for high-speed, high-quality printing on wooden floors. It is capable of a daily production capacity of 15,000 to 30,000 square meters.



Product Overview

Industrial UV Single-Pass Solution

This industrial-grade UV single-pass digital printer is engineered for high-efficiency decoration of wooden flooring. By integrating seamlessly into existing production lines, it allows for on-demand printing with line speeds up to 42 meters per minute. The system combines robust mechanical conveying with advanced digital imaging to deliver precise, high-quality results suitable for large-scale manufacturing environments.

Performance Metrics

Performance Key Metrics

42 m/min

Max Line Speed

630 mm

Print Width

8 max

Color Channels

Technical Specifications

Ink Delivery System

- 120ml/min high-flow internal circulation
- Closed-loop control system
- Real-time ink pressure and flow monitoring

Digital Controller

- Individual CPU for every print head
- 8GB memory capacity
- Advanced image processing capability

Construction & Stability

Hardware Features

Heavy-duty conveyor, Vacuum stabilization system, High-precision print heads, Vibration reduction