# HANGLORY | HandTop

# HT3020UV
# UV Flatbed Inkjet Printer

## Four-Row Ricoh Linear Motor Solution



*Illustration purpose

| Max. Print Width: **3050*2000 mm** | Max. Productivity: **138 m²/h** | Printhead: **GEN6 (4-row)** | Color : **4-10 Colors** |

## New Features Architecture:

- **New Industrial-Grade PLC Control Module:**
  Enhanced functionality and faster response speed, supporting the expansion of automated equipment.

- **New Ricoh Control Head Board:**
  Faster and more stable transmission rate, capable of accommodating more printheads.

- **New Software Design:**
  Upgraded software functions for smoother operation, stronger compatibility, and more convenient operation.

- **New Appearance Design:**
  More in line with modern industrial design trends, with upgraded visual appeal and operational convenience.

## Four-Row Ricoh Linear Motor Solution:

- **Four-Row Ricoh Printhead Arrangement:**
  Supports up to 16 heads, enabling large-format printing in a single pass, thus releasing higher productivity.

- **Linear Motor Drive:**
  Ensures high-speed and stable movement, improving printing accuracy and stability.

- **Flexible CMYK+W+Spot Color Combination:**
  Supports up to 10-color printing with a minimum ink droplet size of 5pl, resulting in more delicate printing effects.

- **Multiple Solution Support:**
  Includes options such as embossed texture printing, color-white-color varnish, color-white-color, color-white, white-color, partial varnish, and white-color varnish.


Rendering


Rendering


Sample

# Technical Parameters:

| Model | HT3020UV | | | | |
|---|---|---|---|---|---|
| **Printing Information** | | | | | |
| Printhead | GEN6 | | | | |
| Number of Printheads | 4-16 (4 rows) | | | | |
| Pass | 4 Pass | 6 Pass | 8 Pass | 12 Pass | 16 Pass |
| Productivity (3050*2000 mm full width) | 138 m²/h | 90 m²/h | 68 m²/h | 45 m²/h | 33.8 m²/h |
| Printing Modes | Bidirectional high speed | | | | |
| **Media & Ink** | | | | | |
| Max. Print Width | 3050*2000 mm | | | | |
| Max. Media Thickness | 100 mm | | | | |
| Media | Various flat materials such as PVC, wood, and acrylic | | | | |
| Ink Type | Environmentally friendly UV-curable ink (VOC-free) | | | | |
| Ink Colors | CMYK + White + Spot colors (up to 10 colors supported) | | | | |
| **Features** | | | | | |
| Curing | LED curing (adjustable power) | | | | |
| Transfer | USB | | | | |
| RIP Support | Caldera / Onyx (Optional Purchase) | | | | |
| Input | PDF, JPEG, TIFF, EPS, AI, etc. | | | | |
| **Dimensions & Weight** | | | | | |
| Printer Dimensions | 5600*3420*1590mm (L*W*H) | | | | |
| Net Weight | 2500 KG | | | | |
| **Power & Environment** | | | | | |
| Power Consumption | 7.9kW (35A) | | | | |
| Power Supply | 400VAC  50Hz  3L/N/PE | | | | |
| Environmental Requirements | Independent，clean，low-dust，low-light workspace with good ventilation | | | | |
| | Operating Temperature: 18°C ~ 30°C (64°F ~ 86°F) | | | | |
| | Relative Humidity: 30% ~ 70% (non-condensing) | | | | |
| Others | Requires ADP / Computer | | | | |

# Outstanding Performance:

**PLC**
Industrial-Grade
PLC Control Module

Automatic Negative
Pressure / Height Detection

**UV**
Adjustable
UV Curing Power

Sensitive Carriage
Anti-Collision

Adjustable Air
Suction Area

Optional
Anti-Static Bar

Integrated Software Functions
(Require ADP/ Computer)

High-Quality Imported
Original Parts

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