## Specifications

| | | |
|---|---|---|
| Model | | HT3020UV |
| Printhead | | Ricoh Gen6 |
| Quantity of printhead | | 2 - 16 pcs (4 - row) |
| Resolution | | 1200 * 1200 DPI |
| Print speed | Draft | 94 ㎡/h |
| | Production | 82 ㎡/h |
| | High resolution | 60 ㎡/h |
| Print mode | | Unidirectional & Bidirectional |
| Max print width | | 3 m * 2 m |
| Max media thickness | | 100 mm |
| Media type | | Phone cases, glass, acrylic, planks, tiles, metal plates, PVC boards, corrugated boards, plastics, marble, wallpaper, light box fabrics, PC, ABS, 3C, etc. |
| Ink | | Environmental friendly UV/LED curable ink (VOC free) |
| Ink color | | C, M, Y, K, Lc, Lm, W, V |
| Image format | | Adobe Postscript Level3, PDF, JPEG, TIFF, EPS, AI |
| Machine size(L*W*H) | | 5.22 m * 3.24 m *1.38 m |
| Machine net weight | | 1520 KG |
| Machine gross weight | | 2330 KG |
| Power consumption | | 8.3 kW (20 A) |
| Power supply | | 400 VAC.50 Hz 3P/N/PE |
| Certification | | CE, FCC |
| RIP support | | Caldera, Onyx |
| UV curing | | Water -cooled UV LED Lamp |
| Interface | | High Speed PCIE |
| Environment | | Seperated workroom in good cleaning and ventilated condition, avoid direct sunlight<br>Temperature: 18 - 30°C (64 - 86°F), Constant Humidity: 30 - 70% (non-condensing) |

## Industrial Digital Printing Solution Provider

- Independent printhead-drive technology
- Self-developed control system
- Self-developed MES system
- Independent ink industrial chain
- Remote service maintenance system and local services

**Shenzhen HandTop Tech Co.,Ltd**
**Add:** No.39 Qingfeng Road, Baolong Street, Longgang District, Shenzhen
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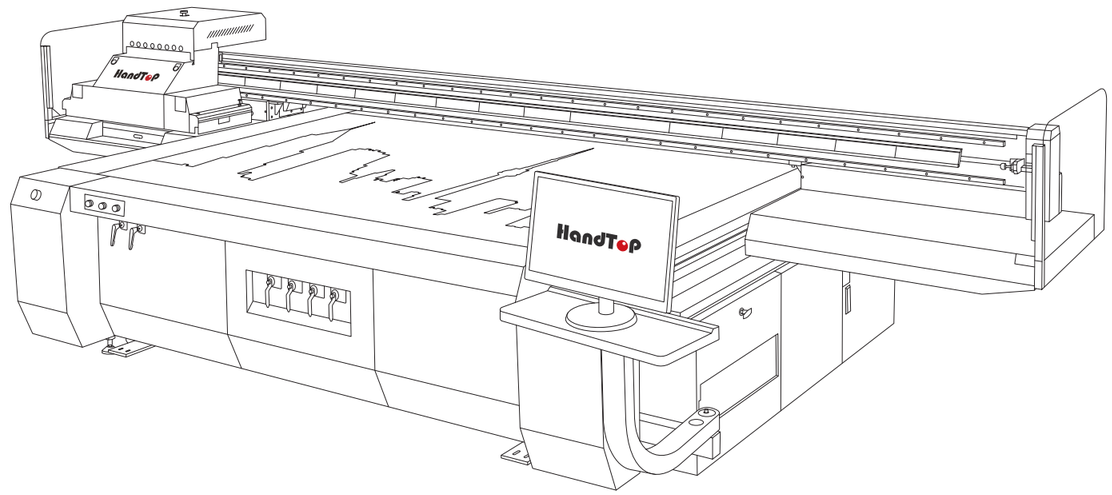
Descriptions, illustrations and specifications here of are subject to change without prior notice. Final details shall be subject to contract signed.

HANGLORY | HandTop

# HT3020UV

UV FLATBED PRINTER

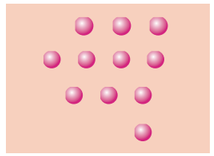



High-speed & Large Format Flatbed Printing Solutions

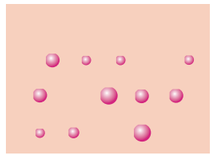
# Create Value for Customers; Be A World-leading Manufacturer of Smart Digital Printing Equipment.

- Diversified product configuration and application solution can match the different demand in advertising, signs, exquisite gifts, phone cases, furniture, building materials, decoration and other industries.
- Top-level R&D team ensures prompt optimization and upgrade for new products and keep advanced technology in digital printing field.
- Strong worldwide after-sales service team quickly shoots your problem.
- Reliable stability combines the outstanding printing quality and speed performance.
- High cost-value product brings you more business.

Invariable dot



Variable dot



## Grayscale Inkjet Technology

Grayscale printing not only saves the cost of ink but also makes the image more delicate, the color brighter.
Thus it improves the performance of the pictures and makes them more impressive.

## Ricoh Gen6 Printhead

Nozzle Quantity : 1280

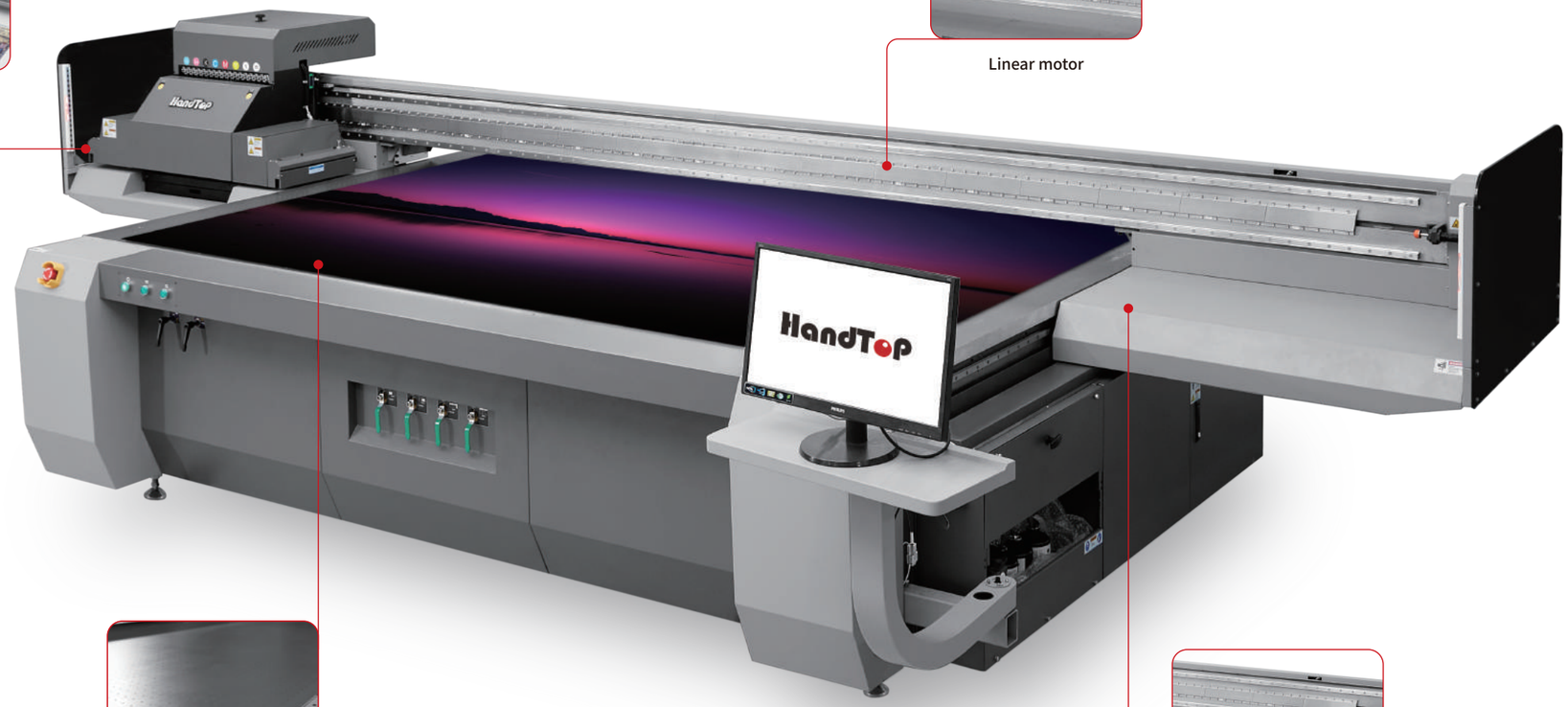
Physical Resolution : 600 DPI

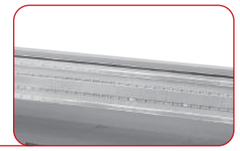
Pico-litter : Variable 5-10-15 pl

Max Operating Frequency : 50 kHz

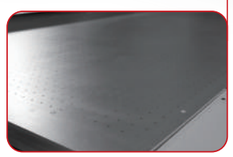
Effective Print Width : 54.1 mm

Anti-collision device



Linear motor



Suction platform

Seamless steel frame

# Stable and Reliable Production Performance

### Multi Row Alignment of Ricoh Gen6

- Supports up to 4 rows of Ricoh Gen6, satisfies various printing demands, meets the needs of great flexibility and high productivity.

### Controllable Suction Area

- Adjusted according to the actual situation, and supports two-way adjustment of suction and blowing.

### Safety Curtain System

- Configured with infrared safety curtain to ensure the safety of operators and avoid accidents.

### Auto Height Detection System

- Automatically detects the height of media up to 100mm thickness and calibrates print head distance for variable dot placement and image quality.

### Linear Motor

- Configured with linear motor, which is conducive to stable, high-speed, and high-quality printing.

### Automatic Negative Pressure System

- Using PCB board to control negative pressure, setting the negative pressure data from software.

### Static Suppression

- Optional static suppression kit that eliminates static on the substrate.

### Integrated Software Functions

- Allow users to adjust all functions in the software and print while using RIP to improve efficiency.