

Technical specifications

Model		HT2512UV
Printhead		Ricoh GEN6(3-row)
Quantity of printhead		4-8 Pcs
Resolution		1200 * 1200 DPI
Print speed	Draft	77 m²/h
	Production	57 m²/h
	Quality	40 m²/h
Print mode		Unidirectional & Bidirectional
Max. print width		2500 * 1220 mm
Max. media thickness		100 mm
Media type		Soft films, car stickers, coated banners, PVC boards, KT boards etc.
Ink		Environmental friendly UV (VOC free)
Ink color		C, M, Y, K, Lc, Lm, V, W
Machine size (L*W*H)		4956 * 2035 * 1465 mm 4956 * 2560 * 1465 mm
Machine net weight		1150 KG
Machine gross weight		1745 KG
Power consumption		8.3 kW (20 A)
Power supply		400 VAC.50 Hz 3P/N/PE
RIP support		Caldera
UV curing		Water-cooled UV_LED Lamp
Interface		High-speed PCIE
Environment		Separated workroom in good cleaning and ventilated condition, avoid direct sunlight Temperature: 18 - 30 °C (64 - 86 °F) Constant humidity: 30 - 70% (non-condensing)



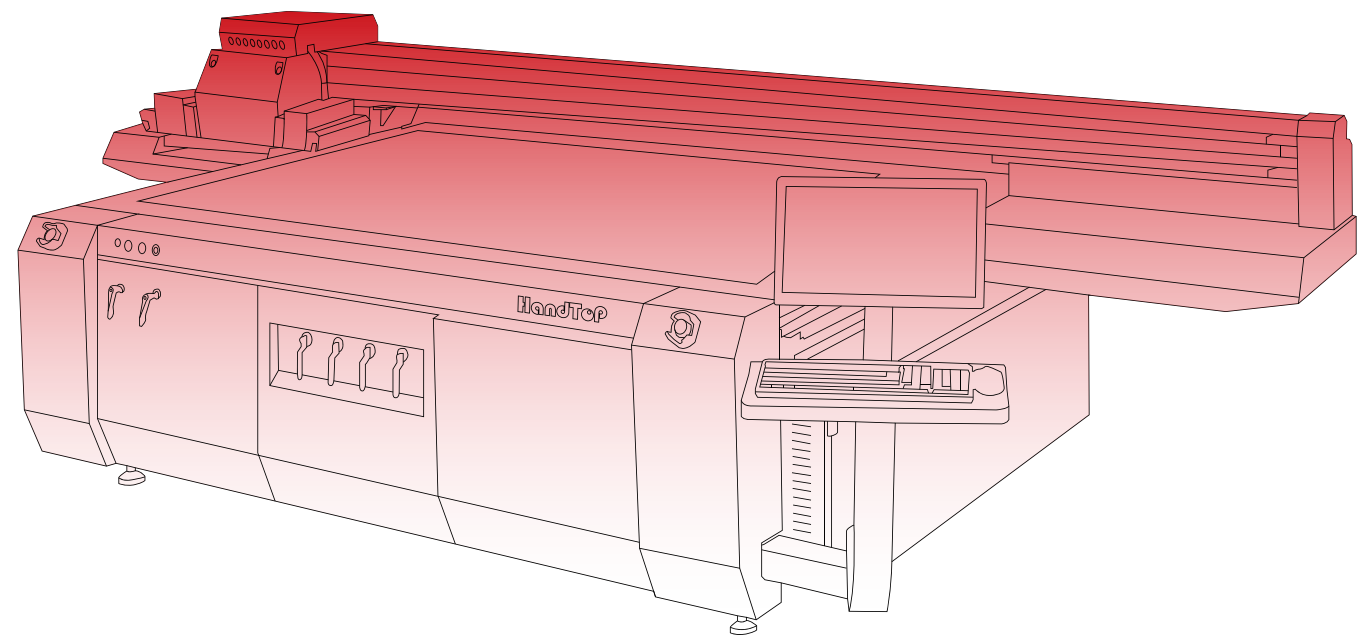
HT2512UV Flatbed printer

3-row Ricoh Linear Motor Arrangement

Max print width:2500 mm

Max productivity: 77 m²/h

Max resolution: 1200 * 1200 DPI



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

HT2512UV Flatbed printer

3-row Ricoh Linear Motor Arrangement

HT2512UV and HT3200UV are different format UV printers that HandTop has introduced to the market, both using the new three-row Ricoh linear motor arrangement. The application of HandTop 3-row Ricoh arrangement is mature. It is equipped with a new agent ricoh GEN6. What's more, its speed is faster, output productivity is increased by more than 50%, accuracy is higher, and ink droplets are reduced to 5pl. In addition, the linear motor arrangement is upgraded again, which improves the high quality, high productivity and high service life of GEN6 nozzle to a new level.

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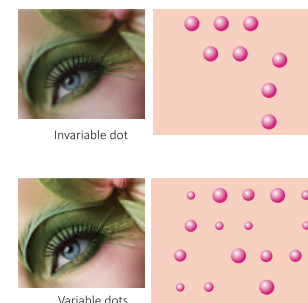


3-row ricoh arrangement superiorities:

- Realize the synchronous output of high-efficiency white, color and varnish, and the varnish effect is smooth and delicate, far exceeding the average level of the industry
- The flatbed printer has independent white control function, and printing color white is more than ordinary configuration, increasing the productivity by 1 time
- The printable media are diversified, including signs, acrylic, PVC board, KT board and other diversified applications

Ricoh Gen6 Printhead

Nozzle quantity : 1280
Physical Resolution : 600 DPI
Pico-liter : Variable 5-10-15 pl
Max Operating Frequency : 50 kHz
Effective Print Width : 54.1 mm



Linear motor superiorities:

- No mechanical contact, longer lifetime
- High precision, max accuracy reaches to sub-micro level
- Silent movement, more stable, guaranteed fine-art printing
- Premium running speed, high carriage speed up to 1.5 m/s
- Simple structure, easy maintenance