

SPECIFICATIONS

Model	HT2512UV	HT2518UV	HT3020UV	HT3116UV	HT2500UV	HT3200UV
Print heads	Ricoh Gen5	Ricoh Gen5	Ricoh Gen5	Ricoh Gen5	Ricoh Gen5	Ricoh Gen5
Quantity of printheads	4-8 pcs (Triple rows)	4-8 pcs (Triple rows)	4-8 pcs (Triple rows)	4-8 pcs (Triple rows)	4-8 pcs (Triple rows)	4-8 pcs (Triple rows)
Resolution	1440*1200dpi					
Draft	21m/h	22m/h	25m/h	23.5m/h	27m/h	31m/h
Print speed						
Production	14m/h	14m/h	17m/h	15m/h	19m/h	22m/h
Quality	10.5m/h	11m/h	13m/h	12m/h	14m/h	16m/h
Print mode	Unidirectional and bidirectional					
Max width	2.5m * 1.22m	2.5m * 1.8m	3.05m * 2.05m	3.05m * 1.5m	2.5m	3.2m
Max media thickness	100mm			50mm		
Media type	Phone cover, glass, acrylic, wood, tiles, metal plate, PVC panel, Plastic, marble, wallpaper, backlit fabric					
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)	4.67m * 2.51m * 1.38m	4.67m * 3.03m * 1.38m	5.22m * 3.24m * 1.38m	5.22m * 2.71m * 1.38m	5.49m * 1.15m * 1.38m	6.19m * 1.59m * 1.56m
Machine net weight	1150KG	1300KG	1520KG	1450KG	1280KG	2260KG
Machine gross weight	1745KG	2000KG	2330KG	2160KG	1875KG	3130KG
Power consumption	8.3KW(20A)			8.0KW(20A)		9.0KW(20A)
Power supply	400VAC.50Hz 3P/N/PE					
Certification	CE, FCC					
RIP support	Caldera					
UV Curing	LED					
Interface	High Speed PCIE					
Environment	Seperated workroom in good cleaning and ventilated condition, avoid direct sunlight Temperature: 18° C – 30° C(64° F-86° F) Constant Humidity: 30%-70%					

HandTop
汉拓数码



White-CMYK-Varnish simultaneous output

Applicable flatbed models

- HT2512UV
- HT2518UV
- HT3116UV
- HT3020UV

Applicable Hybrid models

- HT2500UV
- HT3200UV



HandTop
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HANGLORY GROUP



White-CMYK-Varnish simultaneous output



Varnish makes a big difference for your printing

- Glossy, light up your image, vivid and sharp
- Fresh, long last your color, bright as new
- Touch, enhance your embossing, stimulate the texture
- Amber, freeze your surface, free from the scratch



06

Highlights of Handtop latest varnish solution

01

More convenient editing

No more than 1 time of RIP, direct settings according to the demand.

02

More efficient output

No more separate varnish covering, simultaneous white-CMYK-varnish printing simplify the production

03

High speed printing

Avoiding repeat operation, supports bi-direction printing, elevates the efficiency up to 4 times comparing to normal applications.

04

Scratch-free varnish output

Handtop use LED curing with low temperature cold light source in high density, realizes mini-meter level of curing distance control, eliminates varnish bandings, get rid of bumps and bubbles making varnish output smooth as mirror.

05

Constant pre-curing

The new solution controlled the varnish smoothing time by fixed pre-curing distance, keep the varnish output same as the edited channel, enhanced the embossing and the glossy performance.

06

Independent UV power control

Independent varnish curing power adjust function, allowing the customer to perform separate control of varnish curing power, simplify the production process.

Previous varnish printing workflow

- 1 Make files with white and varnish channels separately in the software, files with spot channels must be separated
- 2 Printing(Pure color image or image with white data)
- 3 RIP the printing file with varnish channel
- 4 Turn off the UV lamps, load the varnish file and proceed printing
- 5 Turn on the UV lamps, perform curing printing function in the software

Handtop latest varnish printing workflow

- 1 Edit spot color in the software, if varnish printing needed, add the varnish channel directly
- 2 Load the file, if white and varnish printing needed in the same printing course, just choose the W-CMYK-V mode and print

Phone cover application

Fine-art white layer printing

Exquisite white layer printing allows the image fuse with the media, product surface will not be rough because of uneven white printing.

High precision digital printing

In this application, the real printing resolution reached 1440*1200DPI, which gives perfect performance for fine-art details in the image. Contributes in producing phone cover with strong ornamental value.

Strong embossing

With Handtop white ink double channel output mode, we can perform fast white ink embossing without affecting the productivity, along with the application of varnish, the 2mm strong embossing enhanced the holding experience.

Scratch-free varnish

The scratch-free varnish solution greatly enriches the performance of the phone covers, as well as the improvement of added value. By the soft and hard varnish application, it can satisfy different substrates, enables your product stand out in the market.

