



NEOSUN

extreme high-end 'X' series

Model : HB2500 Series, HB3200 Series



- Real Hybrid Printer for both rigid and roll application :
50m heavy banner roll full printing available just same as Roll-to-Roll (HB3200Series)
- Simultaneous Printing Mode : Color+White / White+Color / Color+white+Color
- Max Printing Speed : 165 sqm/hr (HB3200 Series)
- Superior image quality reinforced by Dilli True Variable Dot Technology :
4 Level (from 0 to 13 Pico Liter) Gray Scale without speed reduction
- 3 kind of Masking Mode (Fine, Gradient, Random) for industry best printing quality



▲ Neo Sun HB 3204D-W2X

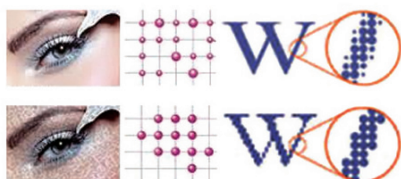


Dilli Original UV Ink
DCX610 : Exceptionally for high-end NEO SUN Series

600 X 2400 dpi (max)

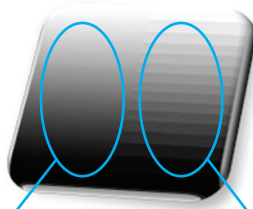
Max. 2400 dpi resolution to express
ture photorealistic images

Dilli TVD® Imaging Technology



Dilli True Variable Dot® imaging technology realizes true photorealistic printing quality based on standard 600 dpi (max. 2400 dpi) powered by 4-level gray scale from 0 upto 13 pl

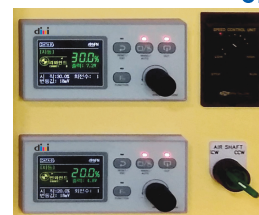
Dilli DMPT® Printing Technology



No banding with DMPT mode Banding without DMPT mode

The extreme highest printing quality output achievable by banding free and conditioning free
Back/front-lit, Solid/dark/deep color, Whatsoever images are

Dilli TCS Technology



Dilli TCS(Tension Control System) makes this machine change to perfect RTR machine. It adjust the force through whole media uniformly and constantly, so that this machine guarantees more accurate feeding. (NS HB3204D-W2X only)

NEOSUN

Lower TCO through incomparable Productivity & Print Quality



- **Speed** : 165 sqm/hr (Express Mode, NS HB3204D-W2X) delivers the highest productivity
- **Quality** : Max 600×2,400 dpi, 4 Level (from 0, 3, 6, 13 Pico Liter) Gray Scale, Masking Mode (Gradient, Fine, Random)
- **Real Hybrid** : accurate feeding for 3.2m heady Roll media with DTC System and stable rigid media printing with conveyor system

Special Features of Neo Sun Hybrid Series

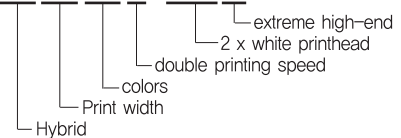
- ✕ **Ink** : Non-TVOC certified, Greener and environmental-friendlier solution
- ✕ **Auto Lamp Shutter System** : twin shutter control to select ideal curing condition
- ✕ **UV Lamp Power Control System** : controls heat generated to effectively handle heat sensitive substrates
- ✕ **Auto Gap Preset System** : maximum media thickness of 50mm
- ✕ **Print Head Collision Prevention System**
- ✕ **Anti-Static System** : keeps media static free
- ✕ **MHA System** : Easier and Finer print head alignment system (International Patent)
- ✕ **Printhead Nozzle Protection System** : White ink Circulation System



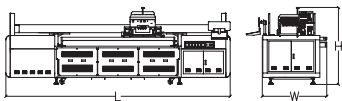
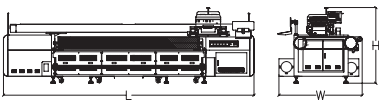
▲ Neo Sun HB2504D-W2X

■ How to read model No.

HB2504D-W2X



Neo Sun Hybrid Series Specifications

Model	HB2504D-W2X	HB3204D-W2X	
Printing Technology	DOD (Drop-on-Demand) Piezoelectric Technology (Dilli True Variable Dot - Gray Scale)		
Head	6 Heads (2,558 nozzles/head)		
Print Speed	Express Mode (600×600)	139 sqm/hr	165 sqm/hr
	Production Mode (600×1,200)	64 sqm/hr	89 sqm/hr
	Quality Mode (600×1,800)	47 sqm/hr	61 sqm/hr
	Fine Art Mode (600×2,400)	33 sqm/hr	46 sqm/hr
Max. Print Size (Width)	2,500 mm	3,200 mm	
Ink Color	4 colors (C, M, Y, K) + 2 Whites ※ Varnish is optional		
Media	Rigid & Flexible (Roll) Media ※ DTC(Dilli Tension Control) System is only for HB3204D-W2X.		
Machine Size (L × W × H)	 (L)5,138mm × (W)1,464mm × (H)1,763mm	 (L)5,837mm × (W)1,940mm × (H)1,763mm	

※ The above specifications are subject to change without prior notice for improvement.

CE FC MIC RoHS TVOC ISO 9001 ISO 14001

KRX KOREA EXCHANGE Listed on the Korea Stock Exchange

KOREA AEO Authorized Economic Operator(AEO) Certification



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