



# 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

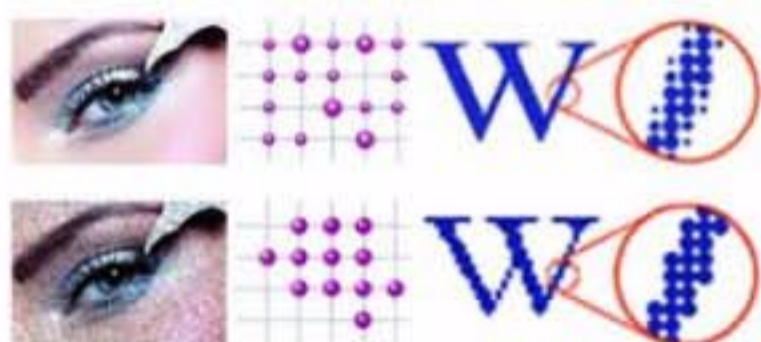


**Dilli Original UV Ink**  
DCX610 : Exceptionally for high-end NEO SUN Series

**600 X 2400 dpi (max)**

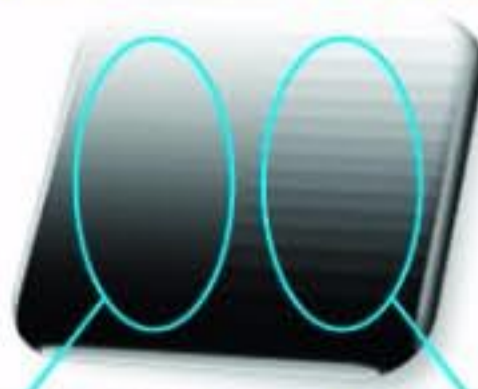
Max. 2400 dpi resolution to express true photorealistic images

### 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

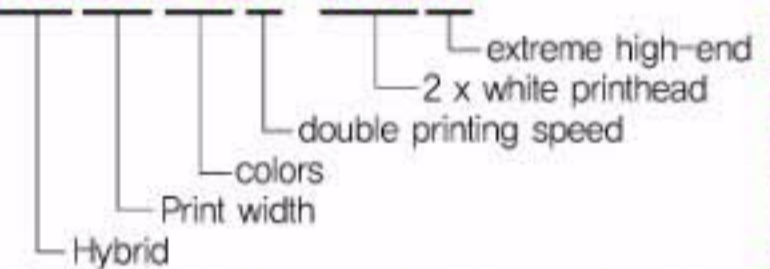
- ✦ **Ink** : Non-TVOC certified, Greener and environmental-friendlier solution
- ✦ **Auto Lamp Shutter System** : twin shutter control to select ideal curing condition
- ✦ **UV Lamp Power Control System** : controls heat generated to effectively handle heat sensitive substrates
- ✦ **Auto Gap Preset 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




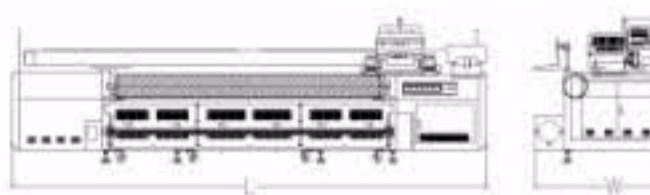
▲ Neo Sun HB2504D-W2X

■ 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.

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