

# NEOTITAN

Models : NT1600 Series, NT2500 Series



- Combo type (Flatbed / Roll-to-Roll) UV Digital Inkjet Printing Machine
- 4 Colors / 6 Colors + White + Varnish
- Simultaneous Printing Mode : Color+White / White+Color / Color+White+Color
- Max Printing Speed : 33sqm/hr



### Dilli Original UV Ink

DKT-200 : Rigid(CMYKLMc+W+V)  
DKT-210 : Flexible(CMYKLMc+W+V)

### 720 X 1440 dpi(max)

High resolution to express photorealistic images for graphic and signage applications

#### Image Quality Optimization System



Quality of printed image depends on formation & position of dots, S/W developed by Dili to control them enables Neo Titan users to print the highest quality image. It is an automatic control system integrated into entire Neo Titan series.

#### Auto lamp shuttering system



Each Neo printer incorporates a fully automatic UV lamp shuttering device that automatically sets the curing functionality of the lamps depending on the printing mode selected.

#### Auto Vacuum Control System



Maintains uniform vacuum strength to a preset level with a PID feedback system which allows secure placement of media regardless of its size

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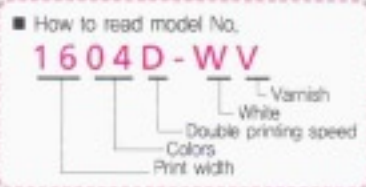
The most reliable partner for your business



- Flexibility : Rigid or roll, coated or uncoated, NEO TITAN can support them all
- Productivity : Belt feeding system and media setting system are well suited for volume production
- Quality : Perfectly controlled droplets at 1,440 dpi produce photorealistic image quality

## Special Features of NEO TITAN series

- × Printing Speed
  - Max 33sqm/hr based on 4 color(CMYK) printing
- × Resolution
  - Max 720 × 1440 dpi(Max)
- × Color Expression
  - Cyan, Magenta, Yellow, Black, Light Cyan, Light Magenta
  - White(full/spot printing) • Varnish(full/spot coating)
  - Double Strike Mode for backlit application
  - Dilli original Neo Rip S/W and ICC profile
- × Special High-tech Function
  - Auto Gap Preset System : maximum media thickness of 50mm
  - Auto Ink Refill System : continuous ink supply for maximum productivity
  - Auto Vacuum Generated Negative Pressure System
  - Auto Head Suction Cleaning System
  - Auto Feeding System



## NeoTitan Series Specifications

Model	1604S	1606WS	2506WS	1604DS	1604D-WV	2504D-WV	1604D-WV	2504D-WV	1604D-W2	2504D-W2	2506D-W2
Printing Technology	DOD(Drop-on-Demand) Piezoelectric Technology										
Number of Print Head	4 Heads[512 nozzle]	8 Heads[512 nozzle]	8 Heads[512 nozzle]	4 Heads[1024 nozzle]	7 Heads[1024 nozzle]	6 Heads[1024 nozzle]	6 Heads[1024 nozzle]	6 Heads[1024 nozzle]	6 Heads[1024 nozzle]	8 Heads[1024 nozzle]	8 Heads[1024 nozzle]
Print Mode	Uni and Bi-Direction / Double Strike										
Max Material Thickness	Up to 50mm										
Print Speed											
Production Mode	13~17sqm/hr	13~17sqm/hr		23~27sqm/hr	30~33sqm/hr		30~33sqm/hr			30~33sqm/hr	
Quality Mode	6~10sqm/hr	6~10sqm/hr		10~14sqm/hr	15~18sqm/hr		15~18sqm/hr			15~18sqm/hr	
White Mode	N/A	13~15sqm/hr		N/A	10~20sqm/hr		5~10sqm/hr			10~20sqm/hr	
Varnish Mode	N/A	N/A		N/A	18sqm/hr		18sqm/hr			N/A	
Resolution	720 × 1,440 dpi(Max)										
Interface	TCP / IP										
Ink Type	UV based pigment										
Color	CMYK	CMYK, Lc, Lm + White		CMYK	CMYK + White + Varnish	CMYK + White + Varnish	CMYK + White + Varnish	CMYK + White		CMYK, Lc, Lm + White	
Dimensions[WxDxH]m	3,6x1,45x1,6	3,7x1,45x1,6	4,5x1,6x1,65	3,6x1,45x1,6	3,7x1,6x1,6	4,5x1,6x1,65	3,7x1,6x1,6	4,5x1,6x1,65	3,7x1,6x1,6	4,5x1,6x1,65	4,5x1,6x1,65
Weight[Kg] Approx.	1,140	1,200	1,560	1,140	1,320	1,560	1,320	1,560	1,320	1,560	1,560
Max Printing Width[m]	1,6xno limit	1,6xno limit	2,5xno limit	1,6xno limit	1,6xno limit	2,5xno limit	1,6xno limit	2,5xno limit	1,6xno limit	2,5xno limit	2,5xno limit
Input Voltage	3Phase 380VAC±10%, 50/60Hz										
Media	Rigid and flexible media for signage, advertisement, decoration, POP, interior/exterior, architecture, etc.										
Motor Type	Carriage & Feed : AC Servo Motor										

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



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