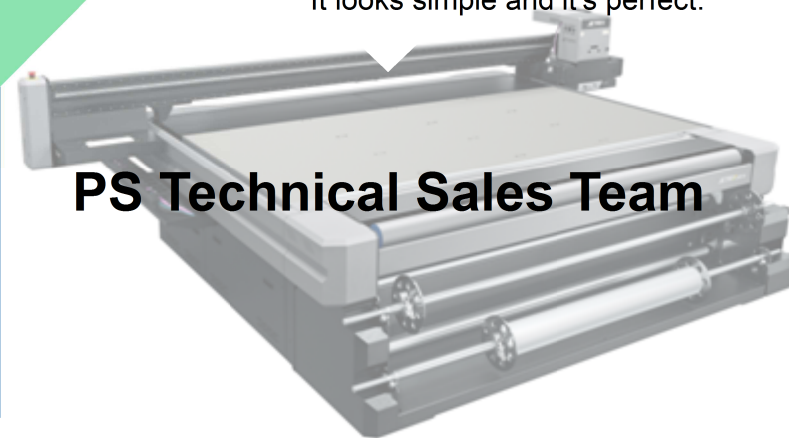


INKTEC JETRIX KX SERIES

Simple & Perfect
It looks simple and it's perfect.



PS Technical Sales Team

JETRIX

History of InkTec

Introduce KX Series of JETRIX

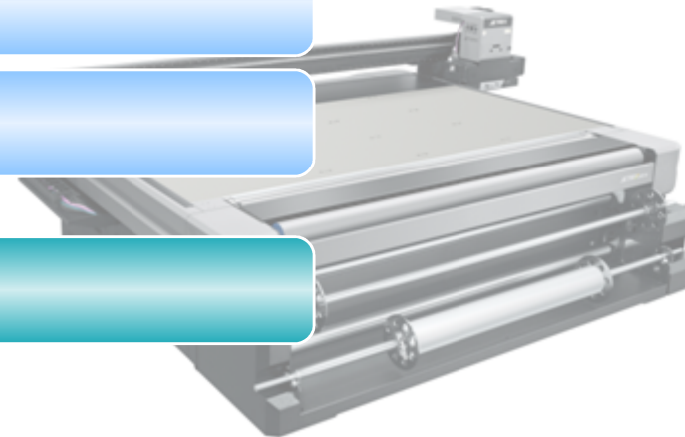
Head configuration

Roll to Roll

Convenience

Ink

Applications



History of InkTec

2013. 11 JETRIX KX7 Debut VISCOM in Germany

2013. 5 JETRIX KX5 Debut FESPA in Germany

2012.05 IUMS UV ink 1st debut with JETIX1212 on DRUPA

2011.5 JETRIX 2030 Debut FESPA in Germany

2009.5 JETRIX 3015 Debut FESPA in Netherlands

2008.10 JETRIX 2513 Debut SGIA in USA

2008.1 UV printer business commences

2006.8 Achieved "1st prize of Nano technology" by Ministry of Commerce

2006.3 Completed "2nd Factory at Poseung in Korea"

2006.1 Established "InkTec Europe" based in the U.K

2005.1 UV Printer R&D team starts

2002.7 Established "InkTec America Corporation" in USA

2002.2 Listed on Stock Market "KOSDAQ" in 2002

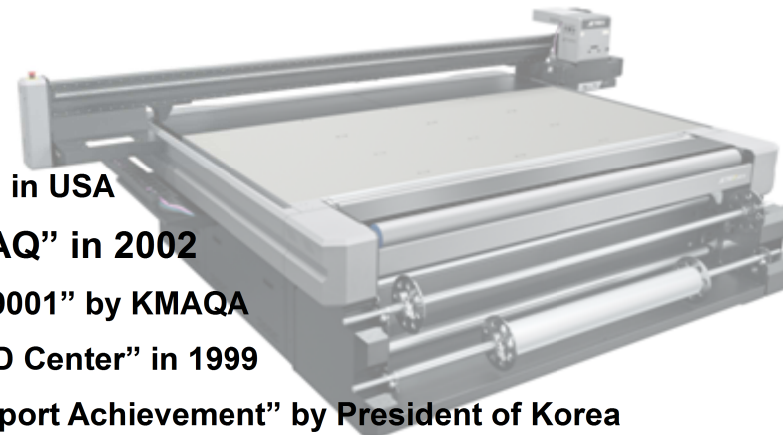
2000.12 Certified "Quality System KSA/ISO9001" by KMAQA

1999.1 Established "Ink Technology R&D Center" in 1999

1998.11 Awarded for "The Large Export Achievement" by President of Korea

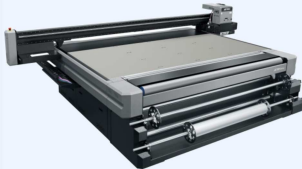
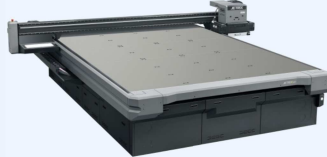
1992.6 Established InkTec Co., Ltd

Capital	US\$ 4,166,000
Business	Manufacturer
Items	Ink & Media, Electronic Materials, UV Printer & UV Ink
Facility	1 HQ & 3 Factories in Korea Branch office in US,UK,CHINA
2012 Report	Sales : USD 80 million
Employee	410 (as of Jun '2013)

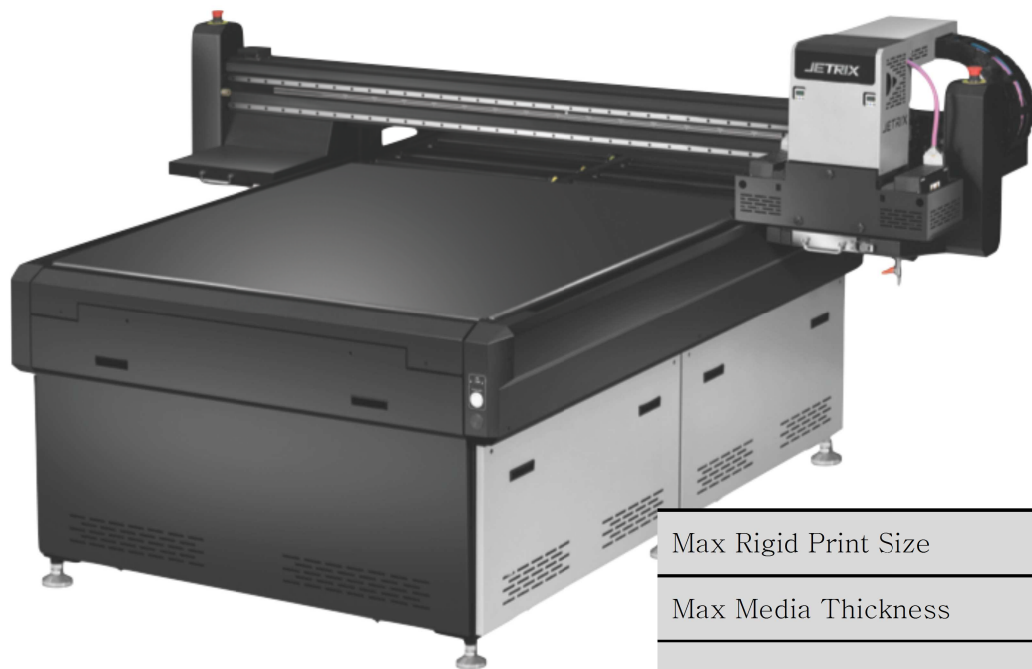


■ Introduce KX Series

Logo

Model	KX3	KX5	KX7
Type	Flatbed	Flatbed + Roll(option)	Flatbed + Roll(Available later)
Appearance			
Head Configuration	Konica 1024 / 6 PL	Konica 1024 / 6 PL	Konica 1024 / 6 PL
Rigid media size (mm)	1220×1220	2440×1220	2500×3060
Rigid media thickness (mm)	70	100	100
Roll media width (mm)	Flatbed only	2190	2190
Speed (sqm/hr)	Fine Art 8.5sqm/hr Quality 13.3sqm/hr Production 26.4sqm/hr	Fine Art 10sqm/hr Quality 15sqm/hr Production 30sqm/hr	Fine Art 22.1sqm/hr Quality 28.1sqm/hr Production 54.0sqm/hr
White	Available	Available	Available
Varnish / Primer	Available	Available	Available
Resolution (dpi)	1440×720	1440×720	1440×720

Logo
Smart & Compact
 - KM1024 / 6 PL
 Promotion item
 (Silkscreen & Souvenir)



Max Rigid Print Size	1220 × 1220mm
Max Media Thickness	70mm
Print Speed	Fine Art 8.5sqm/hr Quality 13.3sqm/hr Production 26.4sqm/hr
Configuration	CMYK + W + Varnish/Primer
Resolution	1440 × 720 dpi



Front



Left



Right

■ Speed data of KX3

Logo

Flatbed

Resolution	Dot Type	1-Layer (m2/hr)	X-axis speed (mm/sec)	G-mask	Mode
1440×720 – 1d	Fixed	4.8	550	O	Super Fine
	Fixed	6.3	550	X	Photo Fine
	Fixed	8.5	800	O	Fine Art
	Fixed	13.3	800	X	Quality
1440×360 – 1d	Fixed	26.4	800	X	Production



Max Rigid Print Size	2440 × 1220mm
Max Media Thickness	100mm
Max Roll Media Width	2200mm
Print Speed	Fine Art 10sqm/hr Quality 15sqm/hr Production 30sqm/hr
Configuration	CMYK + W + Varnish/Primer (Double Available)
Resolution	1440 × 720 dpi



Front



Left



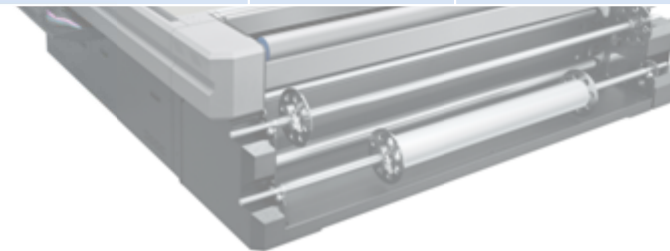
Right

■ Speed data of KX5

Logo

Flatbed

Resolution	Dot Type	1-Layer (m2/hr)	X-axis speed (mm/sec)	G-mask	Mode
1440×720 – 1d	Fixed	10.5	800	O	Fine Art
	Fixed	15.5	800	X	Quality
1440×360 – 1d	Fixed	31	800	X	Production





Max Rigid Print Size	2500 × 3060mm
Max Media Thickness	100mm
Max Roll Media Width	2200mm
Print Speed	Fine Art 22.1sqm/hr Quality 28.1sqm/hr Production 54.0sqm/hr
Configuration	CMYK + W + Varnish/Primer (Double Available)
Resolution	1440 × 720 dpi



Front



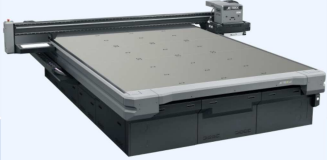
Left

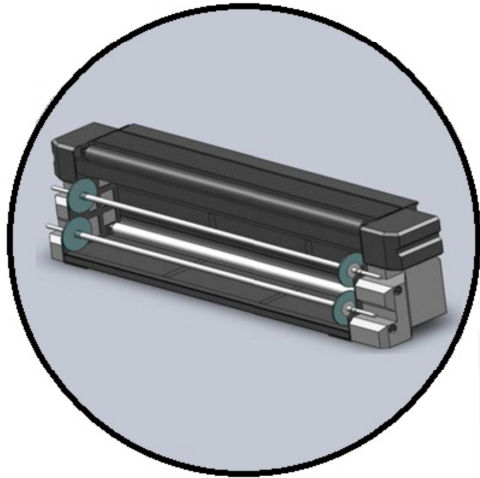


Right

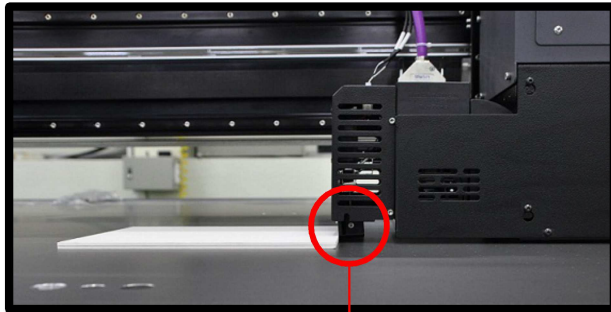
■ Head configuration

Logo

Model	KX3	KX5	KX7
Type	Flatbed	Flatbed + Roll(option)	Flatbed + Roll(option)
Appearance			
Head Configuration	Konica T24 / 6 PL		
4 Head Channel	C M Y K	C M Y K	C M Y K
6 Head Channel	C M Y K + 2 W	C M Y K + 2 W	C M Y K + 2 W
	C M Y K + 1 V/P + 1 W	C M Y K + 1 V/P + 1 W	C M Y K + 1 V/P + 1 W
7 Head Channel		C M Y K + 1 V/P + 2 W	C M Y K + 1 V/P + 2 W
14 Head Channel		Double Available	Double Available



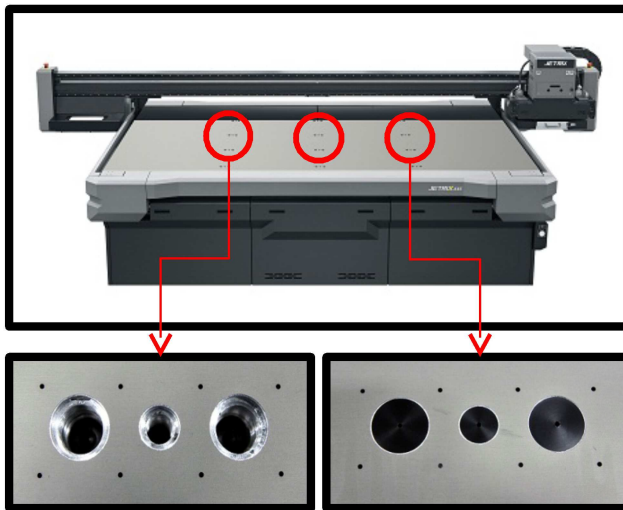
Roll to Roll	
KX5 / KX7	
Size	2200mm
Speed	10 ~ 30 sqm/h
Take up device	Default
Upgrade	Upgradable at Field later



Head Crash Bar

► Anti Head Crash System

- Protect Head from wrong height
- To minimize physical damage



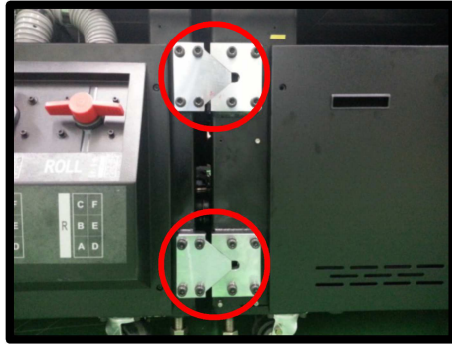
► Flatbed Height Adjust

- Flatbed Range of tolerance $\pm 0.125\text{mm}$
- Robust Flatbed (Heavy material available)



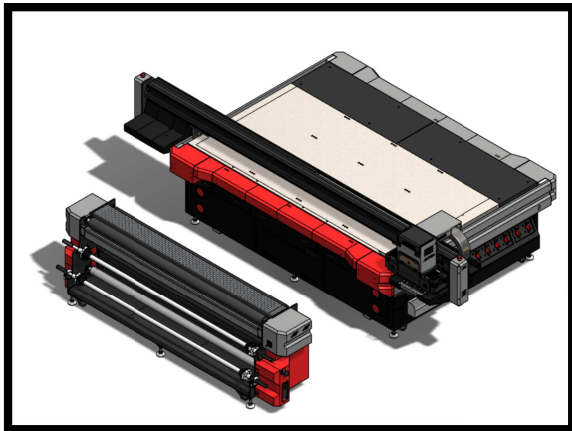
■ Easy to Install

Logo



► Docking Flatbed System, KX7

- Excellent Flatness Performance
- Save Time for installation
- Easy to install on site



► Upgradable Roll System

- Easy to Assemble on site
- Purchase Roll System separately



■ Ink Specification

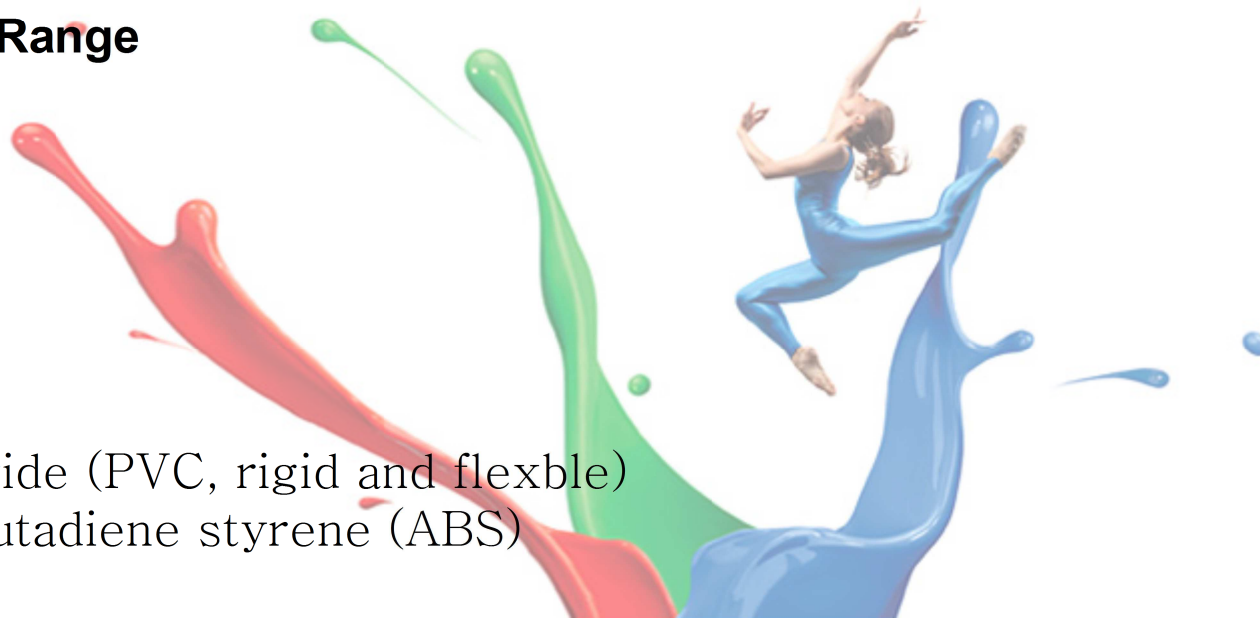


► Color Range

- IUSS series (Standard Type) CMYK LC LM W Varnish Primer CS
- IUKS series (Rigid Type) CMYK LC LM W Primer CS
- IUMS series (Standard Type) CMYK W Varnish CS

► Application Range

- Acrylic
- Coroplast
- Polycarbonate
- Plexiglass
- Dibond
- Polystyrene
- Polyvinyl chloride (PVC, rigid and flexible)
- Acrylonitrile butadiene styrene (ABS)



■ Ink Consumption



KX Series of JETRIX

Size 1m×1m	1440×720dpi		1440×360dpi	
	Ink	Cost (ml)	Ink	Cost (ml)
	C	0.98	C	0.78
	M	1.74	M	1.32
	Y	2.19	Y	1.56
	K	0.53	K	0.50
	Total	5.44	Total	4.16

■ Ink Adhesion



Adhesion Test Result

Material	Result							
PMA								
PC								
PET								
DI-bond								
[ICC Profile] PMA								
[C+W+C] PMA								

about IUMS series

■ Special UV Ink



► Varnish

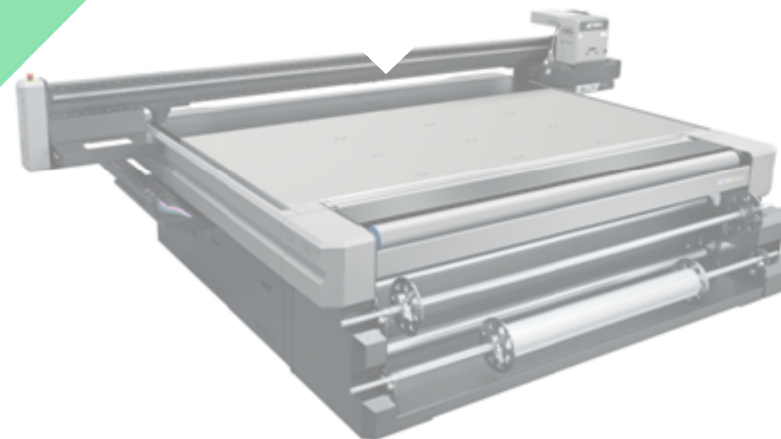
- Protects CMYK Inks
- To arouse liveliness of a image

► Primer

- Specialized Pretreatment
- Excellent Adhesion for materials



Thank You !



JETRY

■ Applications

Logo



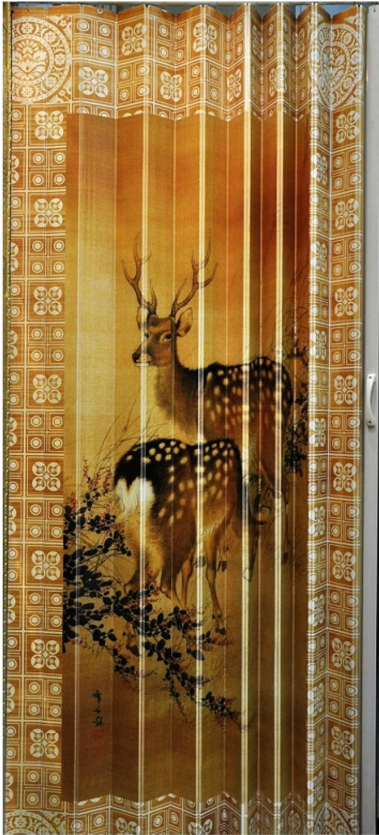
Museum graphics



Ceramic

■ Applications

Logo



Blind door



Painting

Applications

Logo



Glass



Glass

■ Applications

Logo



Acrylic



Wood

■ Applications

Logo



PC



Vacuum Forming

■ Applications

Logo



Clay Tile



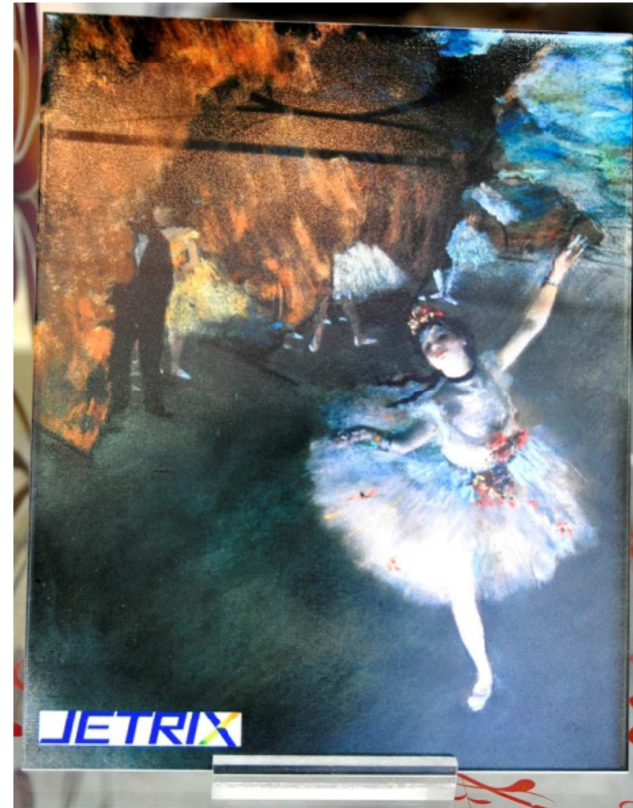
Soundproof material

■ Applications

Logo



Object decoration



Art Tile

■ Applications

Logo



Object Decoration



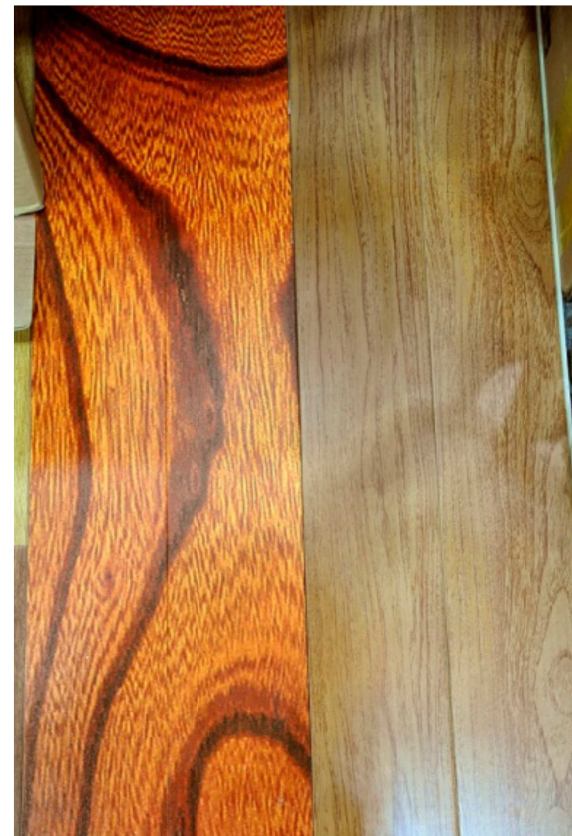
Blind

■ Applications

Logo



Name Plate



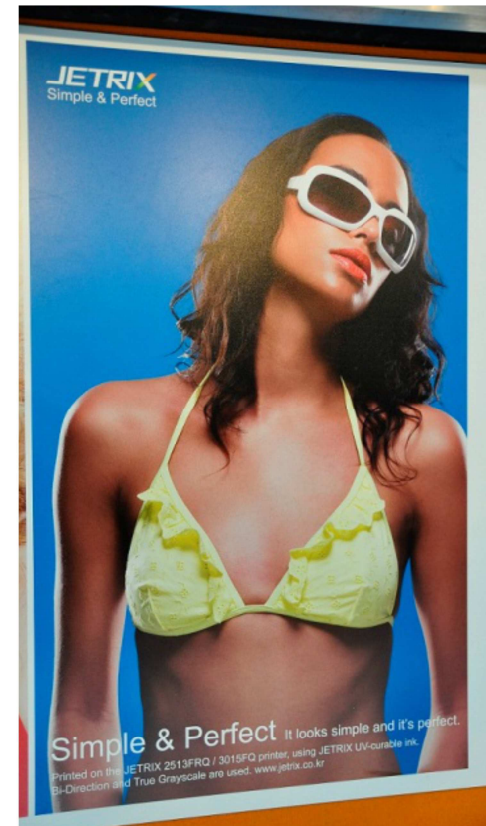
Wood

■ Applications

Logo



Backlit display



Indoor Signage

■ Applications

Logo



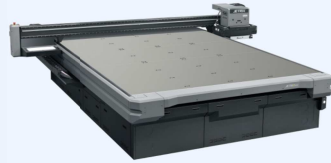
Interior Lamp cover



Paper board

■ Introduce UV Printer of JETRIX

Logo

Model	KX3	KX5	2030	KX7
Type	Flatbed	Flatbed + Roll(option)	Flatbed + Roll(option)	Flatbed + Roll(option)
Appearance				
Head Configuration	Konica 1024 / 6 PL	Konica 1024 / 6 PL	Konica 1024 / 14PL	Konica 1024 / 6 PL
Rigid media size (mm)	1220×1220	2440×1220	3060×2050	2500×3060
Rigid media thickness (mm)	70	100	60	100
Roll media width (mm)	Flatbed only	2190	1600	2190
Speed (sqm/hr)	Fine Art 8.5sqm/hr Quality 13.3sqm/hr Production 26.4sqm/hr	Fine Art 10sqm/hr Quality 15sqm/hr Production 30sqm/hr	Fine Art 19.0sqm/hr Quality 36.0sqm/hr Production 55.0sqm/hr	Fine Art 22.1sqm/hr Quality 28.1sqm/hr Production 54.0sqm/hr
White	Available	Available	Available	Available
Varnish / Primer	Available	Available	Primer only	Available
Resolution (dpi)	1440×720	1440×720	720×720	1440×720