



K2 HYBRID PRINTERS



126" WIDTH
with Linear Motor Drive

Premium Model | High Production

K2 Linear Hybrid

KYOCERA LINEAR MOTOR ARRANGEMENT

The K2 Linear UV Printer features an innovative linear motor drive system. This design enhances printing speed, ink drop accuracy and quality. Able to produce 40 boards an hour with 2 rows of Kyocera printheads.

CONFIGURATIONS:

A symmetric array in wide format printers refers to the balanced arrangement of print heads across the printing width, ensuring even ink distribution and high-quality output. This configuration minimizes issues like banding and uneven color application, which are crucial for large-format prints. Begin with four Kyocera printheads in Symmetric Array and seamlessly scale to meet the evolving needs of your business. This machine is equipped with field-upgradeable solutions.

- CMYK-KYMC
- CMYK-WW-KYMC
- Single or Double Row

Kyocera

Nozzle quantity: 2656
Physical Resolution: 600 DPI
Pico-liter: Variable 4 - 6 -10 pl
Effective Print Width: 4.42"



KYOCERA ARRANGEMENT BENEFITS:

The Kyocera technology offers precise, high-speed, and high-resolution output, utilizing VOC-free UV inks that dry instantly. It supports fast, simultaneous white ink over and under-printing, ensuring vibrant and accurate colors. The printhead automatically adjusts to accommodate media up to 2 inches thick.



1 KYOCERA PRINT HEADS
Featuring variable dots, true grayscale imaging 4, 6, and 10pl

2 AUTO MEDIA HEIGHT DETECTION SYSTEM
Detects the height of media up to 2 inches thick

3 LED CURING LAMPS
Adjustable water cooled LED curing system for heat sensitive media

4 STATIC SUPPRESSION
Dual static suppression kit reduces static on static sensitive media

5 AUTOMATIC NEGATIVE PRESSURE SYSTEM
Negative pressure is automatically controlled through control software

6 TENSION ADJUST DEVICE
The adjustable tension roller is used to prevent wrinkling of the roll media

7 EMERGENCY STOP SWITCHES
Quick stop operation for emergency situations

8 AUTO BELT CORRECTION SYSTEM
Auto belt correction system will automatically adjust for conveyor belt skewing

9 RETRACTABLE ALIGNMENT BAR
Alignment bar allows for accurate and consistent zero point media placement strikes

LINEAR MOTOR BENEFITS:

- Less mechanical operations than with a belt drive system.
- Exceptional precision, achieving maximum accuracy of ink drop in fine art printing.
- Quiet carriage motion and stronger stability.
- Faster carriage speeds.
- Streamlined design, easy maintenance.

TECHNICAL SPECIFICATIONS

MODEL	1000	
PRINTHEAD	Kyocera	
QUANTITY OF PRINTHEADS	4-10 Symmetric Array	
MAX PRINT SPEED	Production	1436
	Quality	956
	High Quality	685
MAX RESOLUTION	363 X 3600 dpi	
PRINT MODE	Unidirectional and bidirectional	
MAX PRINT AREA	126"	
MAX MEDIA THICKNESS	2 inches	
MEDIA TYPE	Rigid and roll substrates	
INK	Environmentally friendly LED curable ink (VOC free)	
INK COLOR	CMYK + W	
IMAGE FORMAT	Adobe Postscript Level 3, PDF, JPEG, TIFF, EPS, AI	
MACHINE SIZE (L X W X H)	20.3' x 5.2' x 5.1'	
MACHINE NET WEIGHT	6106	
SHIPPING WEIGHT	7055	
POWER SUPPLY	220 - 230 VAC. 60Hz 30 AMP (single phase)	
RIP SUPPORT	Onyx	
UV CURING	LED	
ENVIRONMENT	Separated workroom in good cleaning and ventilated condition, avoid direct sunlight Temperature: 64°F - 86°F (18° C – 30° C) Constant Humidity: 45%-70%	

FOR MORE ABOUT OUR
HYBRID
PRINTERS



CET
COLOR