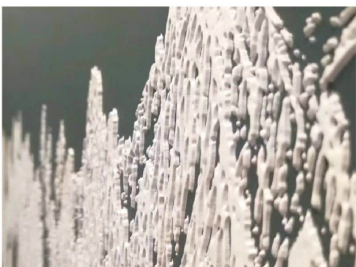


K E U N D O

Go Green, Go Eco, Go Soft, Go Keundo.

KEUNDO 坤度



About KEUNDO

Since foundation in 1981 in Korea, Keundo has been dedicated to offer cutting edge system for the most comprehensive line of products available in the signage industry. From the beginning, Keundo's goal has been to become a true total signage system provider with a keen understanding of modern trends and needs, capable of filling all clients' expectations.

From 2014, SD group started strategic cooperation with Keundo significantly, Keundo wins high reputation in the market and become the first brand in soft signage industry.

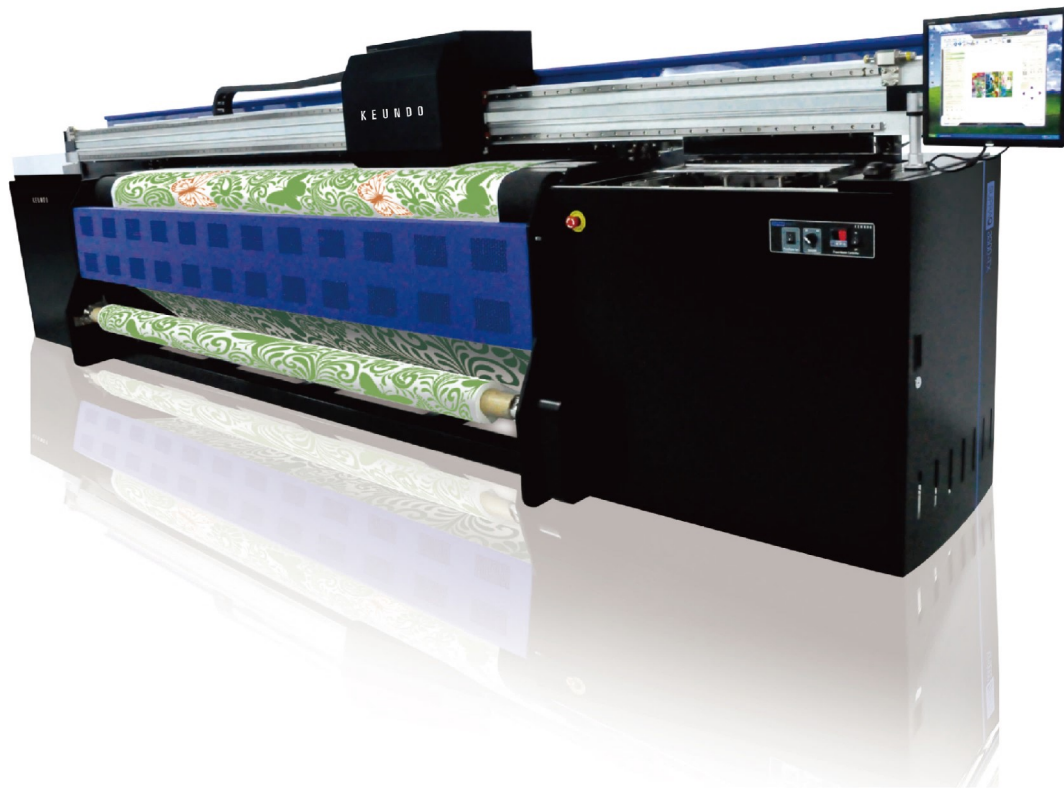
Meanwhile, Keundo involves in the popular UV technology and introduce top quality UV roll to roll printers and UV flatbed printers fully equipped with outstanding features.

These innovations have marked vital steps in our progress toward research and innovation, and we aim to continue our progression with consistent efforts in the future.

Keundo, we print better future.

SUPRAQ 3200-TX6

Grand Format Direct Sublimation Printer



KEUNDO Sublimation Ink
C M Y K Lc Lm

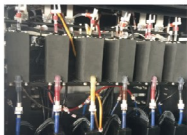
KEUNDO 坤度

SUPRAFIX 3200

Grand Format Color Fixation



Keundo knows better about
soft-signage applications.



CARRIAGE SYSTEM

Robust structure design secures stable carriage more ment and printing performance.



PNEUMATIC SYSTEM

It gives stable pneumatic pressure to operate related devices.



AIR DEGASSING UNITS

It removes micro bubbles in ink while transferring ink to main ink tank.



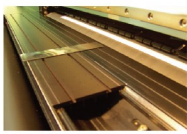
PINCH ROLL

It gives stable media feeding with equil pressure on media



FRONT DRYER

Applying FIN to the out-side of dryer for wide dry after print. It could dry textile material(s) perfectly on any mode of pass(es).



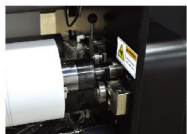
VERSATILITY

Depending on the purpose of printing by fabric(s) or transfer paper, the printing platform is changeable between vacuum plate for paper and waste ink slot for fabric.



DANCER BAR

It can maintain constant media tension to secure stable feeding.



AIR-SHAFT ROLL

Adjust Air-shaft roll to install media more conveniently.



AUTO CLEANING SYSTEM

Clean head and head plate automatically by builprogram.



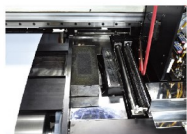
LEVEL MEDIA ROLL

Decreasing wrinkles during substrate's feeding and raising the friction of main roll for smooth feeding operation for all kind of fabrics.



MEDIA TENSION CONTROL SYSTEM

Electrical pneumatic control tension generates constant tension of various materials automatically.



GUTTER JETTING SYSTEM

Makes nozzle spit to prevent head from nozzle clog.

● Technical Specifications

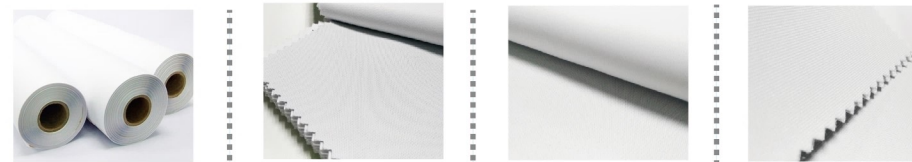
HEAD	SG-1024 Robust and repairable construction, 10picoliter nominal drop size
INKS	Water based Disperse Sublimation Ink, 6 colors (C, M, Y, K, Lc, Lm)
INK CAPACITY	Main ink pail 2.5L
MATERIAL TYPE	Pre-coated Dye-Sublimation Polyester, Mesh polyester, Transfer paper(In-Direct) and etc..
MATERIAL SIZE	Width : 3.2Meter , Roll Diameter : 400mm
PRINTING METHOD	Roll to Roll
PRINTING SPEED	Production mode : 85sqm/h Quality mode : 57sqm/h High quality mode : 42sqm/h
RESOLUTION	400 dpi
MAIN PROCESSOR & S/W	Intel I5 & Windows 7
RIP	Caldera / ONYX Optional
POWER	AC380V, 3 Phase, 50/60Hz, 40A
DIMENSION & WEIGHT	5,700(W) x 940(D) x 1,712(H)(Unit : mm) 1,550Kg , 3,417lb(Pound)



● SUPRAFIX 3200 Specifications

MATERIAL TYPE	Pre-coated Dye-Sublimation Polyester, Mesh polyester and etc.
FIXATION SPEED	80 ~ 120m/hr
FIXATION WIDTH	Available up to 3,200mm
FIXATION MET HOD	Roll to Roll and Combined to use a same roll with SupraQ 3200-TX.
FEEDING SYSTEM	Automated intelligent feeding of media supply system. Applied mechanical control tension to generate constant tension of material(s).
POWER	AC 380V 3phase 35KW
DIMENSION & WEIGHT	4,320(w) x 1,215(d) x 1,142(h) (Unit : mm) / 900kg

Can print directly onto fabric or paper to transfer using aqueous dye sublimation ink.
Pre-coated dye-sublimation polyester, mesh polyester, transfer paper(in-direct) and etc..



SUPRAQ 3200-TX12

KEUNDO 坤度

Grand Format Direct Sublimation Printer



KEUNDO Sublimation Ink
C M Y K Lc Lm

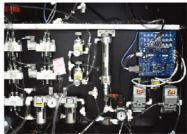
Keundo knows better about
soft-signage applications.



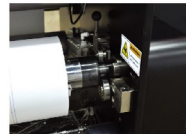
CARRIAGE SYSTEM
Robust structure design secures stable carriage more ment and printing performance.



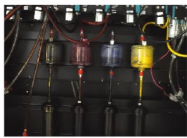
DANCER BAR
It can maintain constant media tension to secure stable feeding.



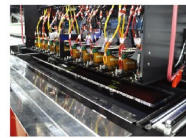
PNEUMATIC SYSTEM
It gives stable pneumatic pressure to operate related devices.



AIR-SHAFT ROLL
Adjust Air-shaft roll to install media more conveniently.



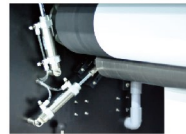
AIR DEGASSING UNITS
It removes micro bubbles in ink while transferring ink to main ink tank.



AUTO CLEANING SYSTEM
Clean head and head plate automatically by builprogram.



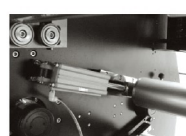
PINCH ROLL
It gives stable media feeding with equil pressure on media



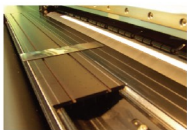
LEVEL MEDIA ROLL
Decreasing wrinkles during substrate's feeding and raising the friction of main roll for smooth feeding operation for all kind of fabrics.



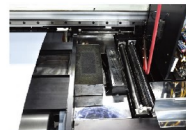
POST HEATR
Adjust two post heaters for better dry efficiency.



MEDIA TENSION CONTROL SYSTEM
Electrical pneumatic control tension generates constant tension of various materials automatically.



VERSATILITY
Depending on the purpose of printing by fabric(s) or transfer paper,the printing platform is changeable between vacuum plate for paper and waste ink slot for fabric.



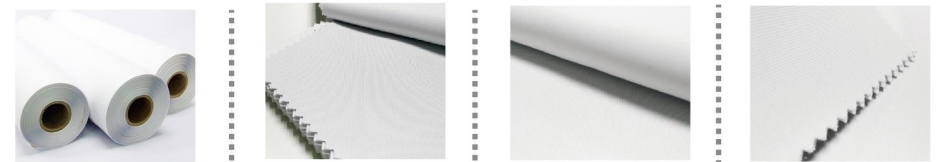
GUTTER JETTING SYSTEM
Makes nozzle spit to prevent head from nozzle clog.

● Technical Specifications

HEAD	SG-1024 Robust and repairable construction, 10picoliter nominal drop size
INKS	Water based Disperse Sublimation Ink, 6 colors (C, M, Y, K, Lc, Lm)
INK CAPACITY	Main ink pail 2.5L
MATERIAL TYPE	Pre-coated Dye-Sublimation Polyester, Mesh polyester, Transfer paper(In-Direct) and etc..
MATERIAL SIZE	Width : 3.2Meter , Roll Diameter : 400mm
PRINTING METHOD	Roll to Roll
PRINTING SPEED	Production mode : 170sqm/h
	Quality mode : 116sqm/h High quality mode : 85sqm/h
RESOLUTION	400 dpi
MAIN PROCESSOR & S/W	Intel I5 & Windows 7
RIP	Caldera / ONYX Optional
POWER	AC380V, 3 Phase, 50/60Hz, 40A
DIMENSION & WEIGHT	7,000(W) x 1,150(D) x 1,790(H)(Unit : mm)
	2,000Kg , 4,409lb(Pound)



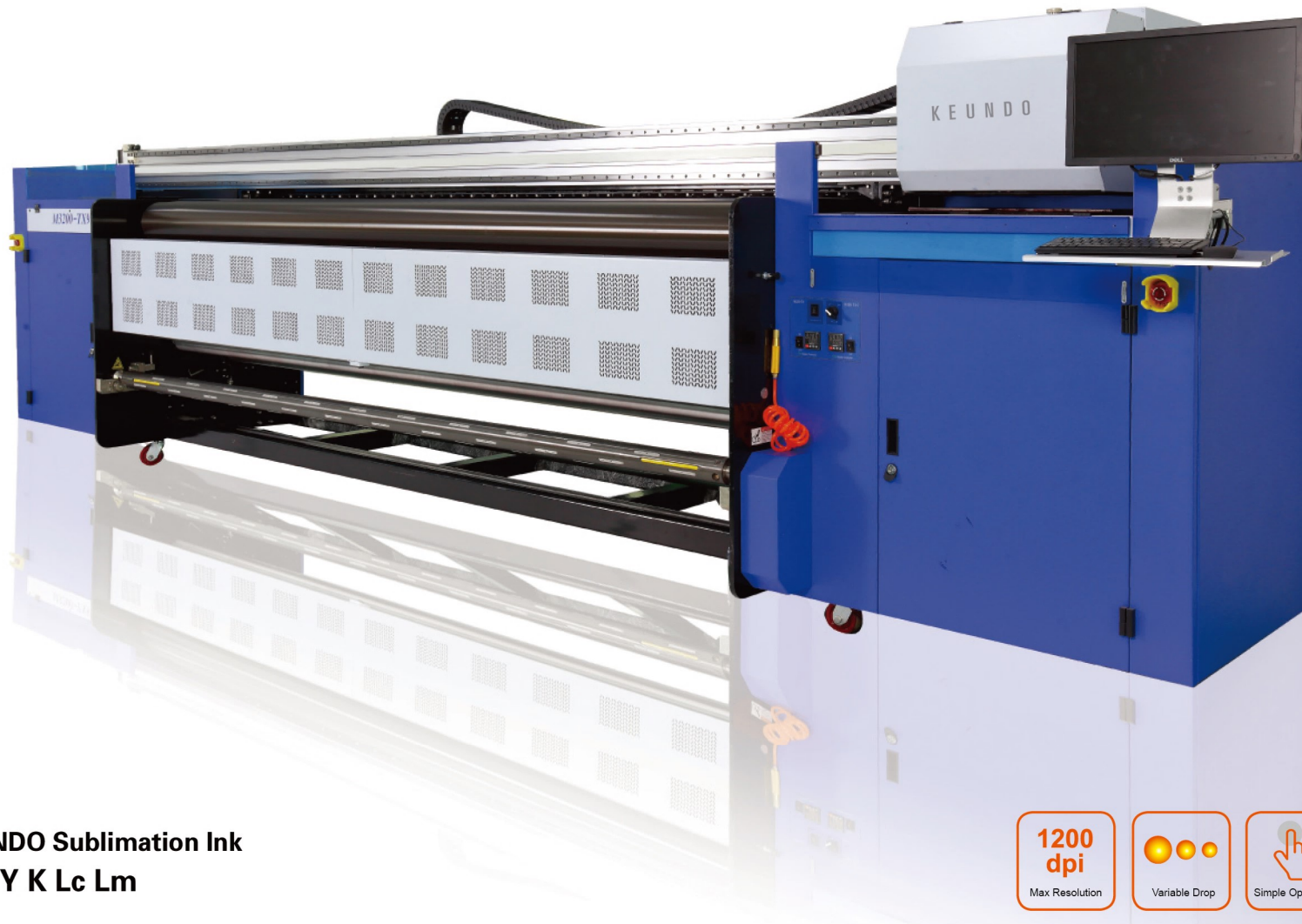
Can print directly onto fabric or paper to transfer using aqueous dye sublimation ink. Pre-coated dye-sublimation polyester, mesh polyester, transfer paper(in-direct) and etc..



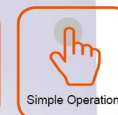
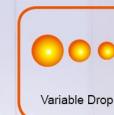
SUPRAQ *M3200-TX*

KEUNDO 坤度

Grand Format Direct Sublimation Printer



KEUNDO Sublimation Ink
C M Y K Lc Lm





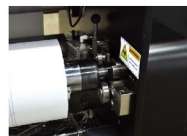
CARRIAGE SYSTEM
Robust structure design secures stable carriage movement and printing performance.



DANCER BAR
It can maintain constant media tension to secure stable feeding.



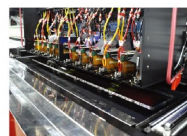
PNEUMATIC SYSTEM
It gives stable pneumatic pressure to operate related devices.



AIR-SHAFT ROLL
Adjust Air-shaft roll to install media more conveniently.



AIR DEGASSING UNITS
It removes micro bubbles in ink while transferring ink to main ink tank.



AUTO CLEANING SYSTEM
Clean head and head plate automatically by built-in program.



PINCH ROLL
It gives stable media feeding with equal pressure on media.



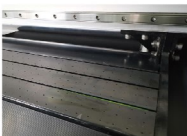
LEVEL MEDIA ROLL
Decreasing wrinkles during substrate's feeding and raising the friction of main roll for smooth feeding operation for all kinds of fabrics.



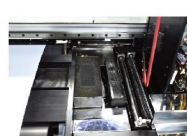
FRONT DRYER
Applied FIN to the out-side of dryer for wide dry after print. It could dry textile material(s) perfectly on any mode of pass(es).



MEDIA TENSION CONTROL SYSTEM
Electrical pneumatic control tension generates constant tension of various materials automatically.



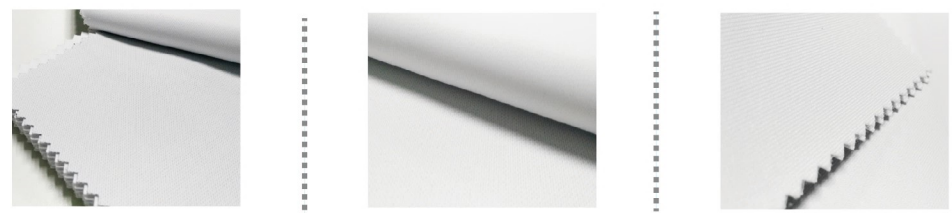
VERSATILITY
Depending on the purpose of printing by fabric(s) or transfer paper, the printing platform is changeable between vacuum plate for paper and waste ink slot for fabric.



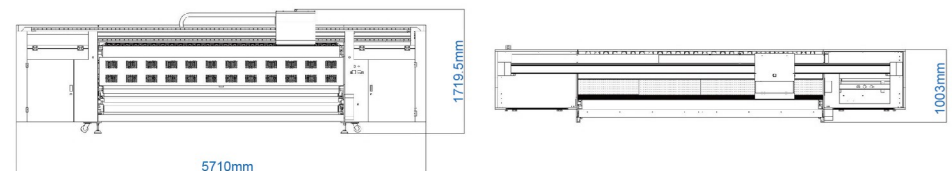
GUTTER JETTING SYSTEM
Makes nozzle spit to prevent head from nozzle clog.

● Technical Specifications

HEAD	6pcs Ricoh Gen5(M3200-TX6) 7picoliter nominal drop size	9pcs Ricoh Gen5(M3200-TX9) 7picoliter nominal drop size
INKS	Water based Disperse Sublimation Ink, 6 colors (C, M, Y, K, Lc, Lm)	
INK CAPACITY	Main ink pail 2.5L	
MATERIAL TYPE	Pre-coated Dye-Sublimation Polyester, Mesh polyester, Transfer paper(In-Direct) and etc..	
MATERIAL SIZE	Width : 3.2Meter , Roll Diameter : 400mm	
PRINTING METHOD	Roll to Roll	
PRINTING SPEED	Production mode : 90sqm/h	Production mode : 130sqm/h
	Quality mode : 50sqm/h	Quality mode : 75sqm/h
	High quality mode : 35sqm/h	High quality mode : 50sqm/h
RESOLUTION	600*600dpi, 600*1200dpi, 600*1800dpi	
MAIN PROCESSOR & S/W	Intel I3 & Windows OS	
RIP	Caldera / ONYX Optional	
POWER	AC220-240V, 1 Phase, 50/60Hz, 40A	
DIMENSION & WEIGHT	5,700(W) x 940(D) x 1,712(H) (Unit : mm)	
	1,550Kg , 3,417lb(Pound)	



Can print directly onto fabric or paper to transfer using aqueous dye sublimation ink.
Pre-coated dye-sublimation polyester, mesh polyester, transfer paper(in-direct) and etc..



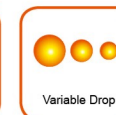
V3200-4H

KEUNDO 坤度

Environmental-friendly 3.2m Latex Printer



Water-based Latex Ink
C M Y K





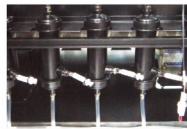
CARRIAGE SYSTEM

Robust structure design secures stable carriage more ment and printing performance.



EMERGENCY STOP BUTTON

Makes sure safety and stability for emergency status.



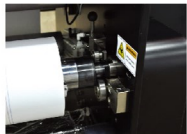
AIR DEGASSING UNITS

It removes micro bubbles in ink while transferring ink to main ink tank.



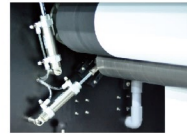
PLATFORM HEATING PLATE

Latex ink with the platform heating panel helps to accelerate drying, avoid ink oxidation and prolong color retention time.



AIR-SHAFT ROLL

Adjust Air-shaft roll to install media more conveniently.



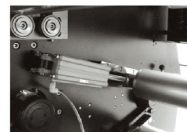
LEVEL MEDIA ROLL

Decreasing wrinkles during substrate's feeding and raising the friction of main roll for smooth feeding operation for all kind of fabrics.



FRONT DRYER

Applied FIN to the out-side of dryer for wide dry after print. It could dry textile material(s) perfectly on any mode of pass(es).



MEDIA TENSION CONTROL SYSTEM

Electrical pneumatic control tension generates constant tension of various materials automatically.



Latex Inks make a difference

Achieving amazing colors

Quick dry and no need laminating, highly improves the color performance. Sharpen the quality of any substrate with the vibrant color gamut of Latex Inks and a thin ink layer preserving media feel.

Outdoor thick scratch resistance

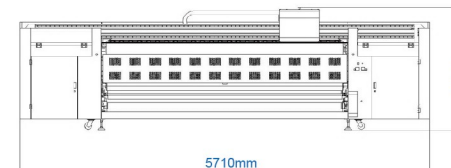
The latex composition in the ink is heated and dried to lock the pigment on the surface of the material, avoiding the oxidation of the pigment, thus preserving the color for a longer time and effectively preventing scratching.

Designed with the environment in mind

In addition to delivering outstanding image quality, consistency, and durability, water-based Latex Inks provide an attractive environmental protection for both printing service providers and customers.

● Technical Specifications

HEAD	4pcs Ricoh Gen5 7picoliter nominal drop size
INKS	Water based Latex Ink , 4 colors (C, M, Y, K)
INK CAPACITY	Main ink pail 2.5L
MATERIAL TYPE	Wall cloth, wall paper, silk cloth, half transparent gauze and ect..
MATERIAL SIZE	Width : 3.2Meter , Roll Diameter : 400mm
PRINTING METHOD	Roll to Roll
PRINTING SPEED	Production mode : 90sqm/h Quality mode : 50sqm/h High quality mode : 35sqm/h
RESOLUTION	720*300dpi, 720*600dpi, 720*900dpi, 720*1200dpi, 720*1800dpi
MAIN PROCESSOR & S/W	Intel I3 & Windows OS
RIP	Caldera / ONYX Optional
POWER	AC220-240V, 1 Phase, 50/60Hz, 40A 5,700(W) x 940(D) x 1,712(H) (Unit : mm)
DIMENSION & WEIGHT	1,550Kg , 3,417lb(Pound)



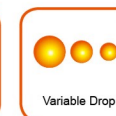
Latex-3300 (Ricoh G5x5)

KEUNDO 坤度

Environmental-friendly Latex Printer



Water-based Latex Ink
C M Y K





CARRIAGE SYSTEM

Robust structure design secures stable carriage more ment and printing performance.



EMERGENCY STOP BUTTON

Makes sure safety and stability for emergency status.



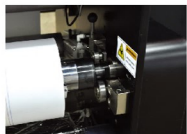
AIR DEGASSING UNITS

It removes micro bubbles in ink while transferring ink to main ink tank.



PLATFORM HEATING PLATE

Latex ink with the platform heating panel helps to accelerate drying, avoid ink oxidation and prolong color retention time.



AIR-SHAFT ROLL

Adjust Air-shaft roll to install media more conveniently.



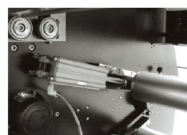
LEVEL MEDIA ROLL

Decreasing wrinkles during substrate's feeding and raising the friction of main roll for smooth feeding operation for all kind of fabrics.



FRONT DRYER

Applied FIN to the out-side of dryer for wide dry after print. It could dry textile material(s) perfectly on any mode of pass(es).



MEDIA TENSION CONTROL SYSTEM

Electrical pneumatic control tension generates constant tension of various materials automatically.

● Technical Specifications

HEAD	5pcs Ricoh Gen5 7picoliter nominal drop size
INKS	Water based Latex Ink , 4 colors (C, M, Y, K)
INK CAPACITY	Main ink pail 2.5L
MATERIAL TYPE	Wall cloth, wall paper, silk cloth, half transparent gauze and ect...
MATERIAL SIZE	Width : 3.2Meter , Roll Diameter : 400mm
PRINTING METHOD	Roll to Roll
MAX MATERIAL THICKNESS	1MM
PRINTING SPEED	Production mode : 100sqm/h Quality mode : 70sqm/h High quality mode : 35sqm/h
RESOLUTION	360*600dpi, 720*600dpi, 720*900dpi,720*1200dpi,720*1800dpi
MAIN PROCESSOR & S/W	Intel I3 & Windows OS
POWER	Operating mode : 25KW Sleep mode : 600W
ENVIRONMENT	Temperature: 18 C -26 C , Humidity: 30%-75% (RH)
CONNECTOR	USB 3.0
RIP	ONYX
POWER	AC220-240V, 50/60Hz, 40A
PACKING DIMENSION & WEIGHT	5,840(W) x 1,250(D) x 2,000(H) (Unit : mm) 1,550Kg , 3,417lb(Pound)



Achieving amazing colors

Quick dry and no need laminating, highly improves the color performance. Sharpen the quality of any substrate with the vibrant color gamut of Latex Inks and a thin ink layer preserving media feel.

Outdoor thick scratch resistance

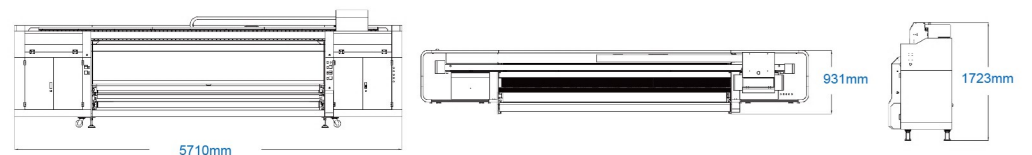
The latex composition in the ink is heated and dried to lock the pigment on the surface of the material, avoiding the oxidation of the pigment, thus preserving the color for a longer time and effectively preventing scratching.

Designed with the environment in mind

In addition to delivering outstanding image quality, consistency, and durability, water-based Latex Inks provide an attractive environmental protection for both printing service providers and customers.



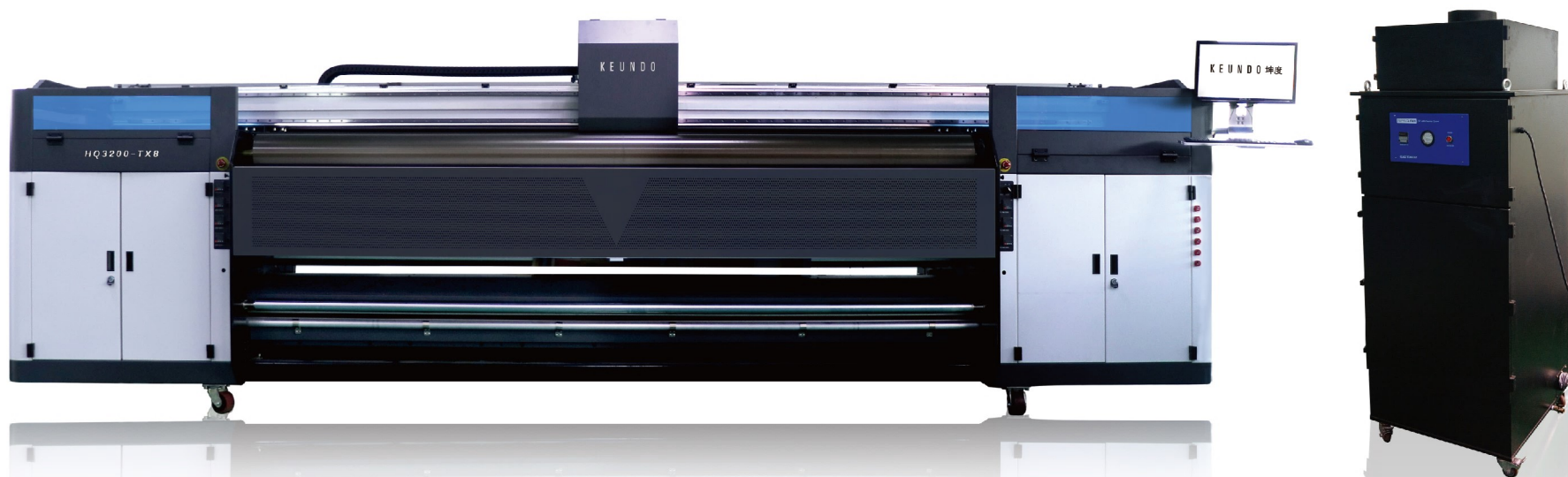
Added optimizer output ,can be printed on uncoated materials, making the output more delicate, the colors more firm, and the picture saved longer.Can be directly printed on wallpaper, wallcovering, uncoated PVC & PET materials



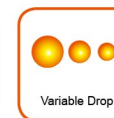
HQ3200-TX8 (High-speed)

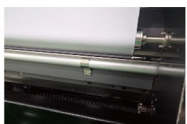
KEUNDO 坤度

Direct Textile Print & Color Fixation



KEUNDO Sublimation Ink
C M Y K * 2

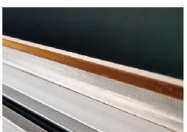




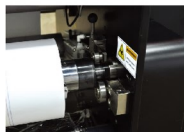
COLOR FIXATION
Internal installation color fixation , simplified process, easy operation and improved work efficiency.



DANCING BAR
It can maintain constant media tension to secure stable feeding.



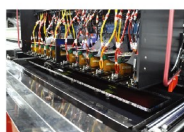
METAL ENCODER STRIP
Metal encoder strip helps for more stable and accurate carriage horizontal movement.



AIR-SHAFT ROLL
Adjust Air-shaft roll to install media more conveniently.



AIR DEGASSING UNITS
It removes micro bubbles in ink while transferring ink to main ink tank.



AUTO CLEANING SYSTEM
Clean head and head plate automatically by builprogram.



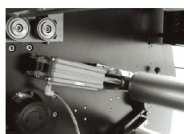
CARRIAGE SYSTEM
Robust structure design secures stable carriage more ment and printing performance.



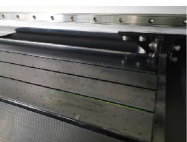
LEVEL MEDIA ROLL
Decreasing wrinkles during substrate's feeding and raising the friction of main roll for smooth feeding operation for all kind of fabrics.



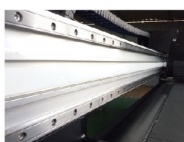
FRONT DRYER
Applied FIN to the out-side of dryer for wide dry after print. It could dry textile material(s) perfectly on any mode of pass(es).



MEDIA TENSION CONTROL SYSTEM
Electrical pneumatic control tension generates constant tension of various materials automatically.



VERSATILITY
Depending on the purpose of printing by fabric(s) or transfer paper,the printing platform is changeable between vacuum plate for paper and waste ink slot for fabric.

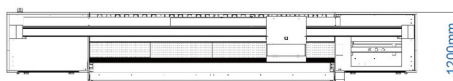
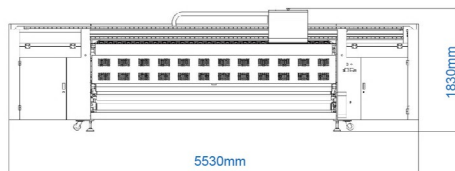
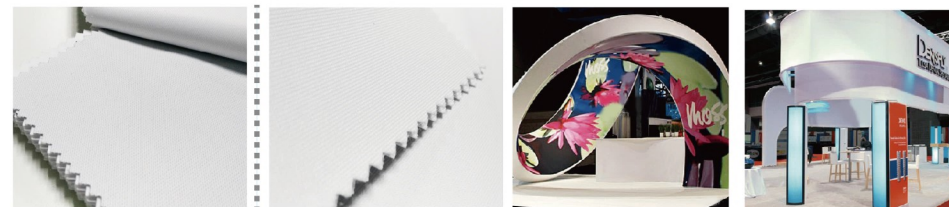


DUAL THK GUIDE RAILS
Dual 2.0cm width mute THK guide rail, ensure carriage horizontal movement more stable .

● Technical Specifications

HEAD	8pcs Ricoh Gen6 5 picoliter nominal drop size
INKS	Water based Disperse Sublimation Ink, 4 colors (C, M, Y, K * 2)
INK CAPACITY	Main ink pail 2.5L
MATERIAL TYPE	Pre-coated Dye-Sublimation Polyester, Mesh polyester, Transfer paper(In-Direct) and etc..
MATERIAL SIZE	Width : 3.2Meter , Roll Diameter : 400mm
PRINTING METHOD	Roll to Roll
MAX MATERIAL THICKNESS	1MM
PRINTING SPEED	Production mode : 200sqm/h Quality mode : 120sqm/h High quality mode : 70sqm/h
RESOLUTION	360*600dpi, 720*600dpi, 720*900dpi, 720*1200dpi,720*1800dpi,1440*1800dpi
MAIN PROCESSOR & S/W	Intel I3 & Windows OS
POWER	Operating mode : 45KW Sleep mode : 600W
ENVIRONMENT	Temperature: 18 C -26 C, Humidity: 30%-75% (RH)
CONNECTOR	USB 3.0
RIP	ONYX
POWER	AC220-240V, 50/60Hz, 40A
PACKING DIMENSION & WEIGHT	5,840(W) x 1,250(D) x 2,000(H) (Unit : mm) 1,750Kg , 3,858lb(Pound)

Can print directly onto fabric or paper to transfer using aqueous dye sublimation ink.
Pre-coated dye-sublimation polyester, mesh polyester, transfer paper(in-direct) and etc..



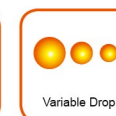
KEUNDO 坤度

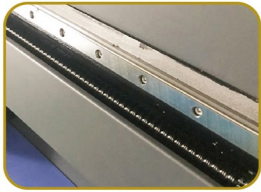
M2513 UV

UV Flatbed Printer



CMYK / CMYK+W / W + CMYK + Varnish





STABILITY OF WORKING

Y axis double leading screw drive guarantee the precision of output and the stability of working.



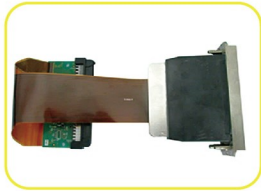
UV CURING

Long life and low energy consumption LED UV lamps save your cost.



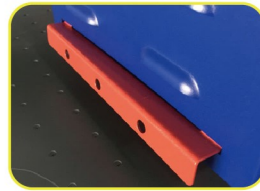
NEGATIVE PRESSURE SYSTEM

Smart negative pressure system improves printing stability and prolongs life span of print heads.



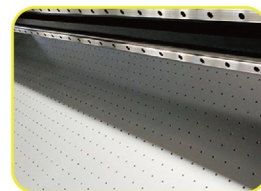
HEAD TEMPERATURE CONTROLLER

Intelligent temperature controller keeps print heads in proper temperature even in various environments, which prolongs life span of print heads and save your cost.



PRINT HEAD PROTECTOR

When carriage crashes, the sensor in head temperature controller switches on to stop carriage at once, preventing print head from crash.



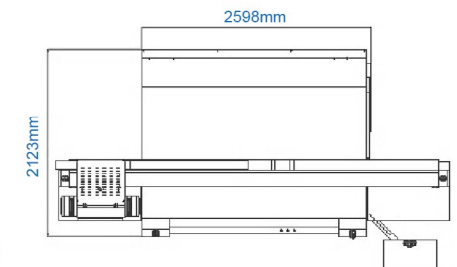
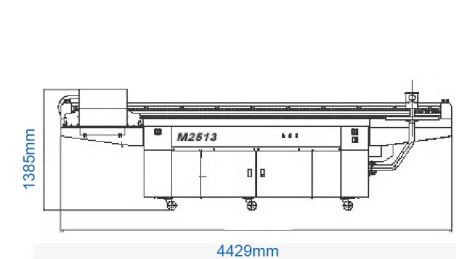
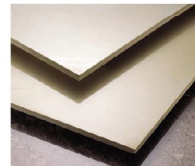
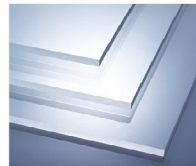
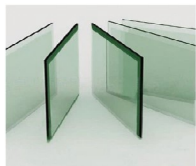
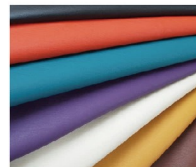
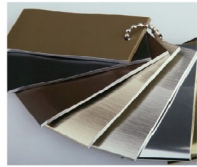
U-BULK LINEAR GUIDE RAIL

Dual noiseless guide rails offer comfort working environment, more stable carriage movement and more accurate printing resolution.

● Technical Specifications

MODEL	M2513 UV
PRINthead TYPE	Ricoh Gen5
HEAD NUMBER	3-12 pcs optional
PRINTING SIZE (W*D)	2500*1300mm
PRINTING TECHNOLOGY	Gray scale piezoelectric inkjet technology
PRINTING RESOLUTION	V720*600dpi,V720*900dpi,V720*1200dpi etc
INK TYPE	LED UV INK
PRINTING SPEED	Draft mode: 24 sqm/h (3pcs print heads - CMYK+W)
	Production mode: 15 sqm/h (3pcs print heads - CMYK+W)
	Quality mode: 12 sqm/h (3pcs print heads - CMYK+W)
INK COLOR	CMYK / CMYK+W / W + CMYK + Varnish
MEDIA THICKNESS	1mm-80mm
COLOR CONTROL	ICC standard,adjustment of ICC and density
RIP	Photoprint
ENVIRONMENT	Temperature: 18 °C -26 °C , Humidity: 30%-75% (RH)
POWER CONSUMPTION	Printing mode:5000W Sleep mode:600W
PRINTER DIMENSION	4,429(L) x2,123(W) x 1,385H)(Unit : mm)
PACKING DIMENSION	4,600(L) x2,230(W) x 1,600(H)(Unit : mm)
PACKING WEIGHT	1.8T

Rigid: Glass, metal, ceramic tile, acrylic, Plexiglas, wood, plastic, aluminum, cardboard, foam board, composited panel, plywood, PVC, MDF, WPC, ABS, PP sheet and etc.
Flexible: Fabric, canvas, leather, vinyl, paper and etc.



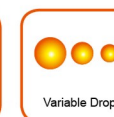
KEUNDO 坤度

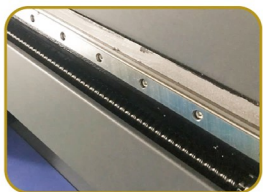
M2030 UV

UV Flatbed Printer



CMYK / CMYK+W / W + CMYK + Varnish





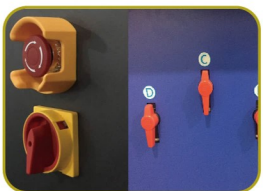
STABILITY OF WORKING
Y axis double leading screw drive guarantee the precision of output and the stability of working.



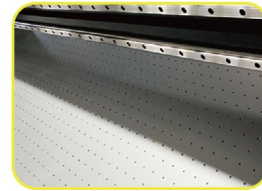
UV CURING
Long life and low energy consumption LED UV lamps save your cost.



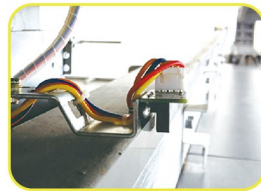
NEGATIVE PRESSURE SYSTEM
Smart negative pressure system improves printing stability and prolongs life span of print heads.



HIGH SPEED STABLE PRINTING
Emergency stop button is convenient for users to run the machine and guarantee the performance and security of the machine.



UBLE LINEAR GUIDE RAIL
Dual noiseless guide rails offer comfort working environment, more stable carriage movement and more accurate printing resolution.

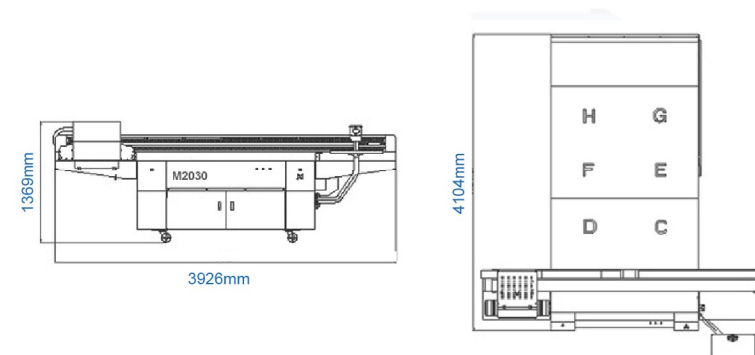
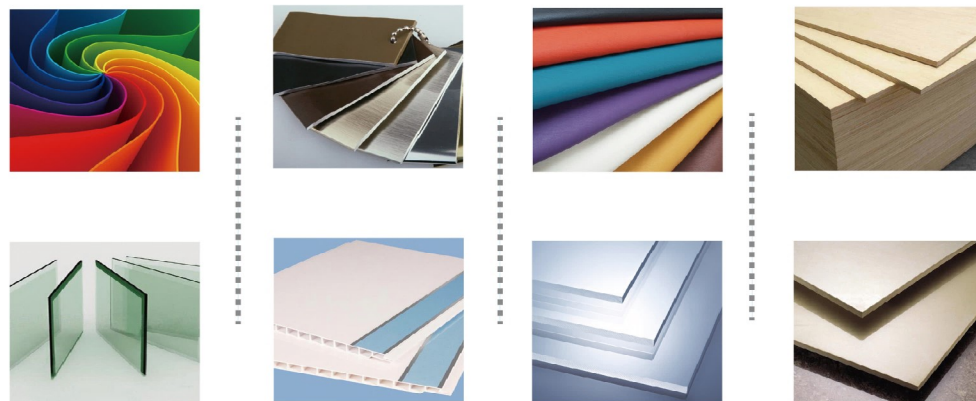


POSITIONING DEVICE
Accurate X-axis linear encoder strip and sensor ensures precise printing while Z-axis linear encoder strip and sensor making safe and proper carriage height according to various media in different thickness.

● Technical Specifications

MODEL	M2030 UV
PRINTHEAD TYPE	Ricoh Gen5
HEAD NUMBER	3-12 pcs optional
PRINTING SIZE (W*D)	2000*3000mm
PRINTING TECHNOLOGY	Gray scale piezoelectric inkjet technology
PRINTING RESOLUTION	V720*600dpi,V720*900dpi,V720*1200dpi etc
INK TYPE	LED UV INK
PRINTING SPEED	Draft mode: 24 sqm/h (3pcs print heads - CMYK+W) Production mode: 15 sqm/h (3pcs print heads - CMYK+W) Quality mode: 12 sqm/h (3pcs print heads - CMYK+W)
INK COLOR	CMYK / CMYK+W / W + CMYK + Varnish
MEDIA THICKNESS	1mm-80mm
COLOR CONTROL	ICC standard,adjustment of ICC and density
RIP	Photoprint
ENVIRONMENT	Temperature: 18°C-26°C, Humidity: 30%-75% (RH)
POWER CONSUMPTION	Printing mode:5000W Sleep mode:600W
PRINTER DIMENSION	3,926(L)x4,104(W) x 1,369H(Unit : mm)
PACKING DIMENSION	4,240(L) x2,300(W) x 1,700(H)(Unit : mm)
PACKING WEIGHT	2.2T

Rigid: Glass, metal, ceramic tile, acrylic, Plexiglas, wood, plastic, aluminum, cardboard, foam board, composited panel, plywood, PVC, MDF, WPC, ABS, PP sheet and etc.
Flexible: Fabric, canvas, leather, vinyl, paper and etc.



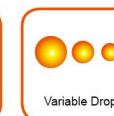
SQ-3216/3220

KEUNDO 坤度

High Speed / High Precision / High End UV Flatbed Printer



W + CMYKcLm + Varnish / CMYKcLmx2 / CMYKx3



>> Technical Characteristics

- - Dual Y servo motors, magnetic encoder strip.
- - Supreme high precision plat-form.
- - Recycle printing function, no need repeating position.
- - High level safety firewall, intrusion prevention design.
- - High print quality with 3D performance and excellent touching.
- - International ICC standard with profile curve adjustment function.

Draft Mode	126m ² /h
Production Mode	90m ² /h
Quality Mode	58m ² /h
Image Mode	51m ² /h



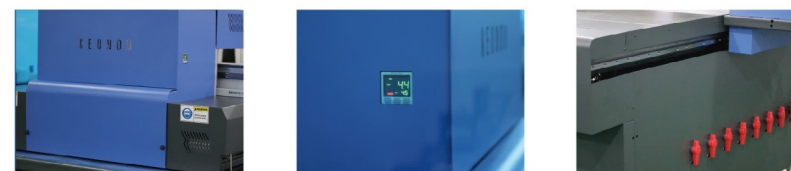
Upgraded structure is stronger, ensuring stable printing during high speed. Wider printing width enables more application. Anti-collision function protects print head better.



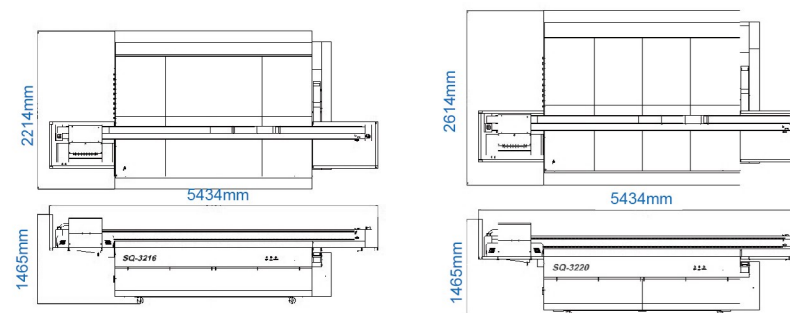
High stability magnetic encoder strip, dual mute THK guide rails an Icus trailer ensure stability of printing and high quality printing output.

>> Technical Specifications

MODEL	SQ-3216 / SQ-3220		
PRINthead TYPE	Ricoh Gen5		
HEAD NUMBER	3-12 pcs optional		
PRINTING SIZE (W*D)	3200*1600mm		
PRINTING TECHNOLOGY	Gray scale piezoelectric inkjet technology		
PRINTING RESOLUTION	V720*600dpi, V720*900dpi, V720*1200dpi etc		
INK TYPE	LED UV INK		
PRINTING SPEED	1pass-Draft mode: 126 sqm/h (8pcs head)	70 sqm/h (4/6 pcs head)	
(CMYK / CMYKLCML)	2pass-Production mode: 90 sqm/h (8pcs head)	50 sqm/h (4/6 pcs head)	
	3pass-Quality mode: 58 sqm/h (8pcs head)	32 sqm/h (4/6 pcs head)	
INK COLOR	CMYKLCML / W / Varnish		
MEDIA THICKNESS	1mm-100mm		
COLOR CONTROL	ICC standard, adjustment of ICC and density		
RIP	Photoprint		
ENVIRONMENT	Temperature: 18°C - 26°C, Humidity: 30% - 75% (RH)		
POWER CONSUMPTION	Printing mode: 5000W Sleep mode: 600W		
PRINTER DIMENSION	5,434(L) x 2,214(W) x 1,465(H)(3216-Unit : mm)	5,434(L) x 2,614(W) x 1,465(H)(3220-Unit : mm)	
PACKING DIMENSION	5,550(L) x 2,300(W) x 1,750(H)(3216-Unit : mm)	5,550(L) x 2,660(W) x 1,750(H)(3220-Unit : mm)	
PACKING WEIGHT	2.2T	2.7T	



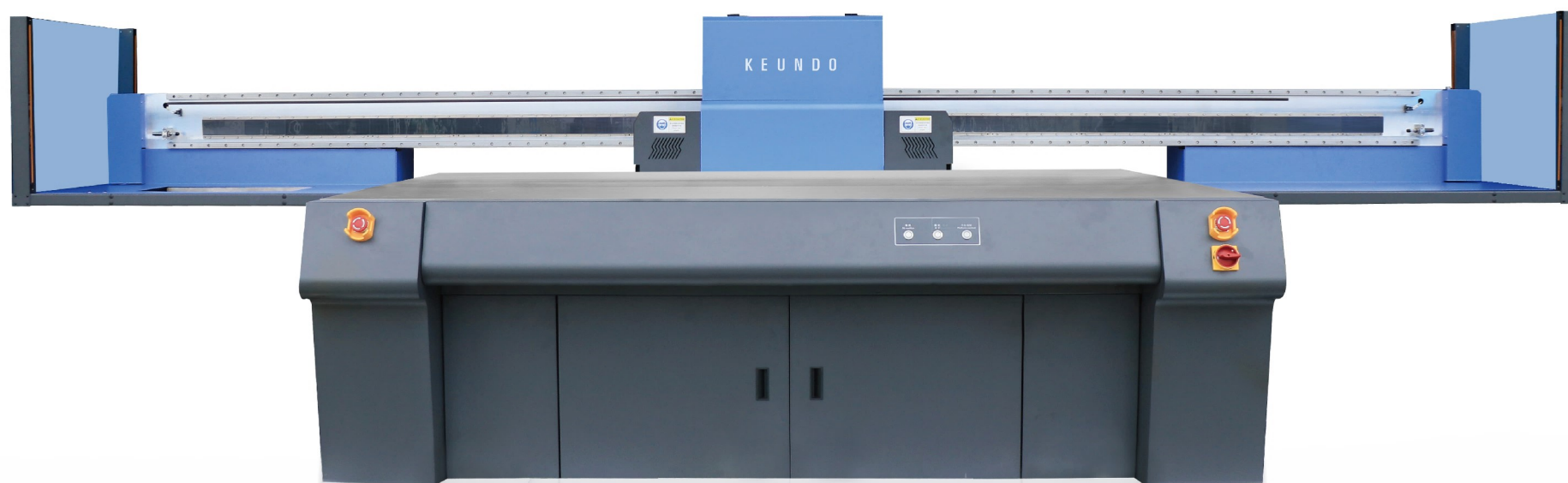
Advanced servo motor system adapts Panasonic servo motor, brings high precision and speed. Top RIP software enables true color in output. Emergency stop button ensures operator to control printer to work in good status for long term.



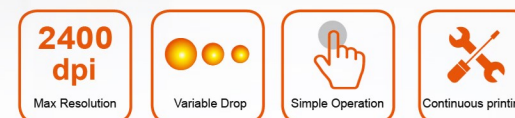
SQ-2513 UV 【Ricoh Gen6】

KEUNDO 坤度

High Speed / Magnetic Levitation Technology / High End UV Flatbed Printer

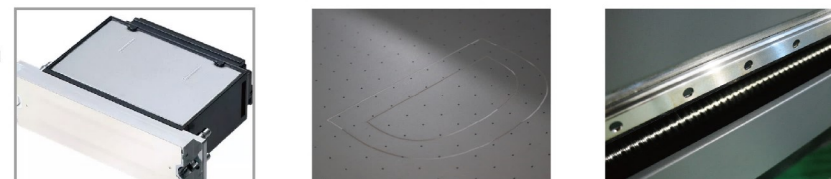
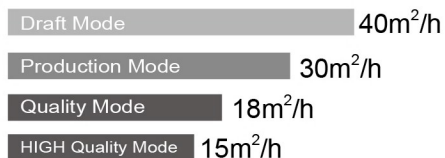


CMYK / CMYKLCm + W + Varnish



>> Technical Characteristics

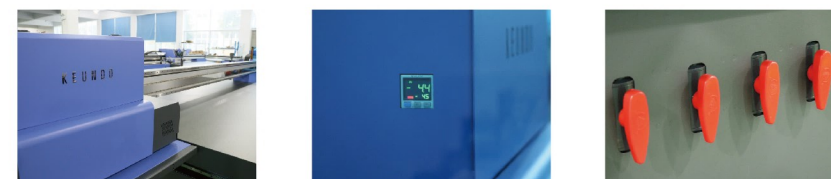
- Electromagnetic levitation printing technology, high stability magnetic encoderstrip, high precision linear motor.
- Dual Y servo motors, magnetic encoder strip.
- Supreme high precision plat-form.
- Recycle printing function, no need repeating position.
- High print quality with 3D performance and excellent touching.
- International ICC standard with profile curve adjustment function.



Upgraded structure is stronger, ensuring stable printing during high speed. New Ricoh Gen6 has a higher production capacity and faster speed. With new variable ink drop technology, it can reach three levels of change point, and can provide 5PL dot size.



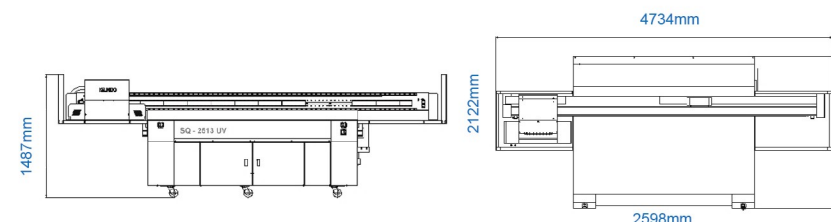
Electromagnetic levitation printing technology, high stability magnetic encoder strip, high precision linear motor, mute THK guide rail ensures stable and high quality printing performance.



Advanced servo motor system adapts Panasonic servo motor, brings high precision and speed. Top RIP software enables true color in output. Emergency stop button ensures operator to control printer to work in good status for long term.

>> Technical Specifications

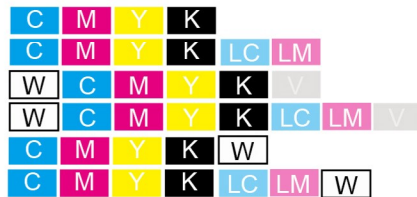
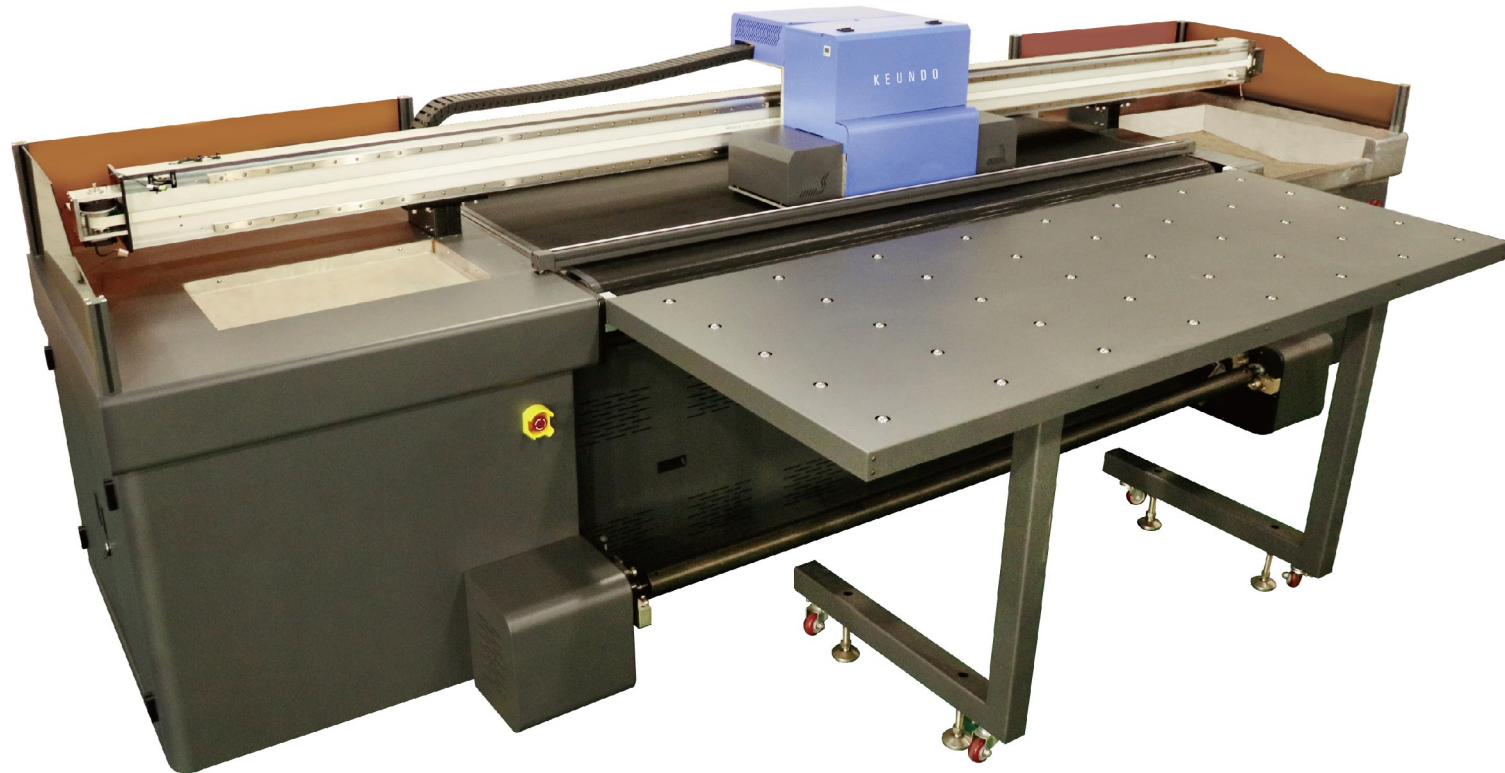
MODEL	SQ-2513 UV	
PRINTHEAD TYPE	RICOH GEN6	
HEAD NUMBER	3-12 PCS OPTIONAL	
PRINTING SIZE (W*D)	2500*1300MM	
PRINTING TECHNOLOGY	GRAY SCALE PIEZOELECTRIC INKJET TECHNOLOGY	
PRINTING RESOLUTION	720*600DPI,720*900DPI,720*1200DPI ETC	
INK TYPE	LED UV INK	
PRINTING SPEED	4PASS - PRODUCTION MODE:	30 sqm/h (3pcs print heads - CMYK+W)
	6PASS - QUALITY MODE:	18 sqm/h (3pcs print heads - CMYK+W)
	8PASS - HIGH QUALITY MODE:	15 sqm/h (3pcs print heads - CMYK+W)
INK COLOR	C/M/Y/K/LC/LM/W/VARNISH	
MEDIA THICKNESS	1MM-80MM	
COLOR CONTROL	ICC STANDARD,AJUDTMENT OF ICC AND DENSITY	
RIP	PHOTOPRINT	
ENVIRONMENT	TEMPERATURE: 18 C -26 C , HUMIDITY: 30%-75% (RH)	
POWER CONSUMPTION	PRINTING MODE:5000W SLEEP MODE:600W	
PRINTER DIMENSION	4,734(L) X2,123(W) X 1,487(H)(UNIT : MM)	
PACKING DIMENSION	4,800(L) X2,230(W) X 1,600(H)(UNIT : MM)	
PACKING WEIGHT	1.8T	



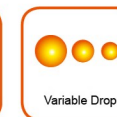
SQ-2500H 【Ricoh Gen6】

KEUNDO 坤度

Hybrid UV Machine / High Precision / High Speed



CMYK / CMYKLCm + W + Varnish

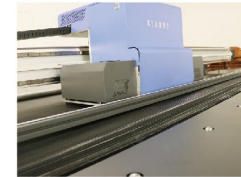


>> Technical Characteristics

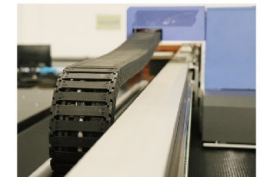
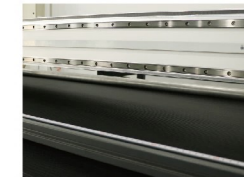
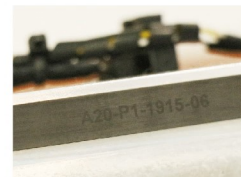
- Cold light LED curing with tiny temperature variation ensures high printing quality.
- Adjustable head height, laser positioning system and movable printing platform result in high-efficiency printing jobs.
- High stability magnetic encoderstrip.
- Air-shaft take up system makes more stable paper collecting
- Stable printing technology and ink supply system reduces maintenance cost.
- International ICC standard with profile curve adjustment function.

>> Technical Specifications

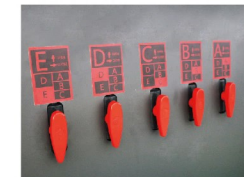
MODEL	SQ-2500H
PRINTHEAD TYPE	Ricoh Gen6
HEAD NUMBER	3-12 pcs optional
PRINTING SIZE (W*D)	2500*1000mm
PRINTING TECHNOLOGY	Gray scale piezoelectric inkjet technology
PRINTING RESOLUTION	720*600dpi,720*900dpi,720*1200dpi etc
INK TYPE	LED UV INK
	Continual Ink Supply Systems (2.5L Ink Tank) C/M/Y/K/Lc/Lm/W/Varnish
PRINTING SPEED	4PASS - PRODUCTION MODE: 24 SQM/H (3PCS PRINT HEADS - CMYK+W)
	6PASS - QUALITY MODE: 16.5 SQM/H (3PCS PRINT HEADS - CMYK+W)
	8PASS - HIGH QUALITY MODE: 12 SQM/H (3PCS PRINT HEADS - CMYK+W)
MEDIA THICKNESS	1mm-100mm
COLOR CONTROL	ICC standard,ajudtment of ICC and density
RIP	ONXY
ENVIRONMENT	Temperature: 18 C -26 C , Humidity: 30%-75% (RH)
POWER CONSUMPTION	Printing mode:5000W Sleep mode:600W
PRINTER DIMENSION	4,930(L) x1,544(W) x 1,718H)(Unit : mm)
PACKING WEIGHT	2.2T



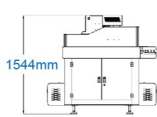
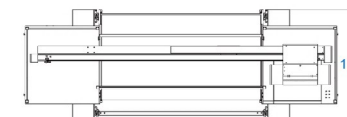
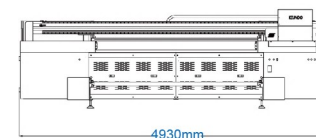
Integrated belt & flatbed media feeding system is competent to print both roll and rigid media. Folding extension frame saves space and cost as well. Independent widened platform to accommodate more materials. Air-shaft take up system makes more stable paper collecting .



High stability magnetic encoder strip, dual mute THK guide rails an Igus trailer ensure stability of printing and high quality printing output.



Upgraded structure is stronger, ensuring stable printing during high speed. New Ricoh Gen6 has a higher production capacity and faster speed. Emergency stop button ensures operator to control printer to work in good status for long term.



KEUNDO 坤度

M3200-UV

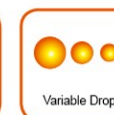
UV Roll-Roll Printer



Ricoh Gen5 / Gen6 Optional



KEUNDO UV Ink
C/M/Y/K/LC/LM/W/Varnish



>> Technical Characteristics

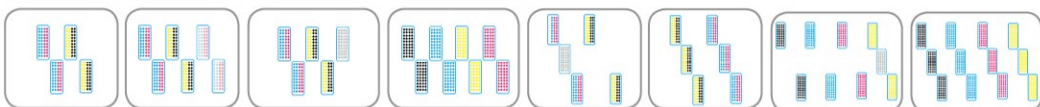
- Use LED curing technology with temperature cooling system, extend UV lights' working life and leads to lower energy consumption.
- Standard CMYK + LcLm configuration performs wider color gamut and better color transition from light to dark color.
- Stable media feeding system and strong feeding compensation ensures high quality printing without banding.
- Firm structure with up to 16mm thick beam, strong and high quality rubber rollers provide more stable media feeding than printers with pinch rollers.

>> Configuration:

1. Separate capping station for each print head protects it from dirt.
2. Standard Panasonic high-power motor and motor driver ensures high precision response of movement, achieving high speed printing with excellent stability and precision even in long term printing.
3. M3200UV use industrial PLC control module to realize accurate media movement and the tension bar to increase the tension and smoothness of media, achieving high quality printing.
4. THK high quality mute guide rail.
5. Adopt high quality gear motor to control media feeding more accurately especially for soft media like soft film.
6. Optional metal encoder strip helps for more stable and accurate carriage horizontal movement.

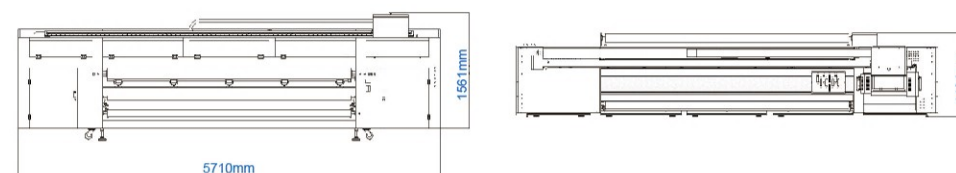
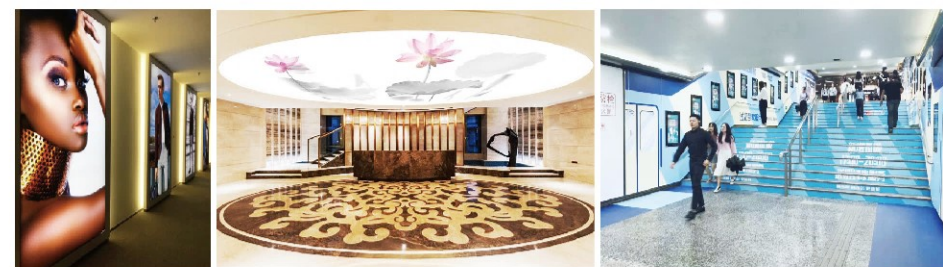


New Gen6 heads simultaneously with high speed and high precision.
Print head base supports up to 12 print heads .



● Technical Specifications

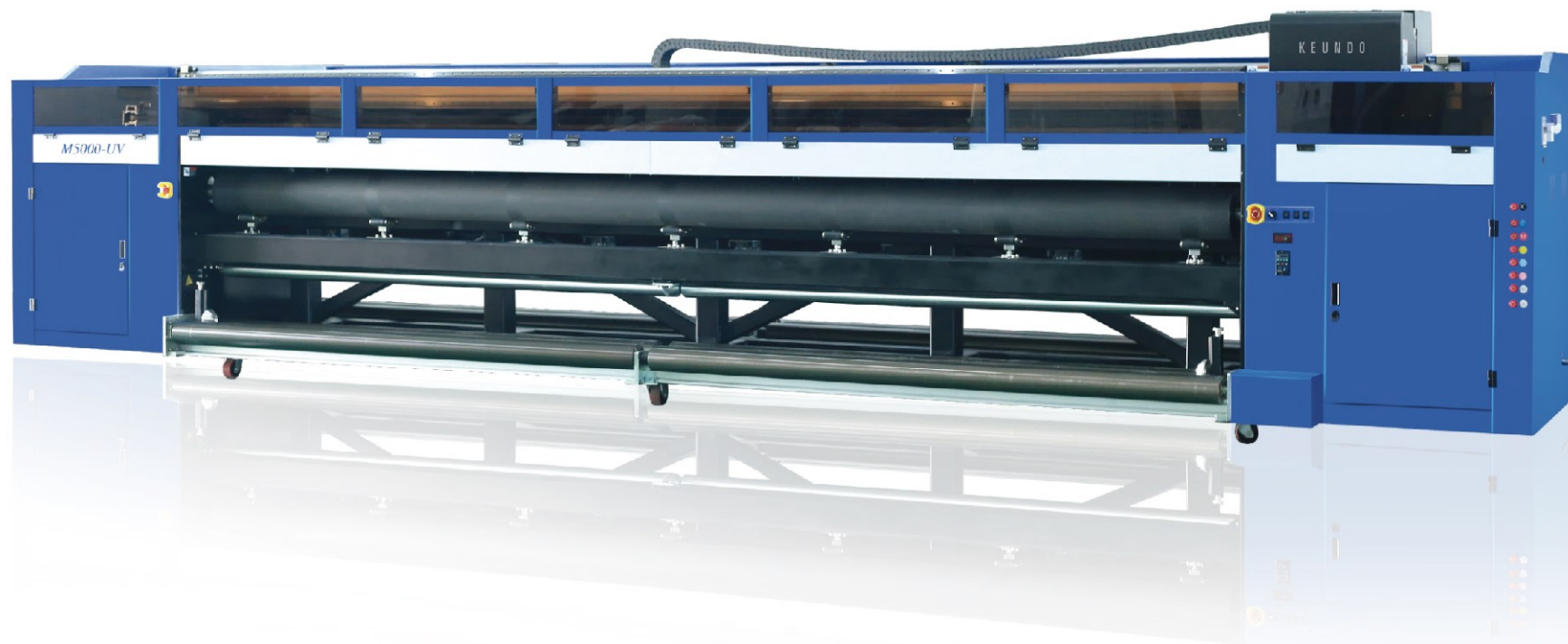
HEAD TYPE		Ricoh Gen5 / Gen6			
HEAD CONTROL		Variable Ink Droplet			
HEAD ARRANGEMENT		Two Line Print Heads 3X2(6pcs) Three Line Print Heads 3x3(9pcs)			
HEAD NUMBER		4-12 pcs optional			
HEAD CLEANING		Manual Positive and Negative Pressure Cleaning Device			
RIP SOFTWARE		ONYX			
INK	TYPE	LED UV Ink			
	COLOR	C/M/Y/K/LC/LM/W/Varnish			
	INK CAPACITY	1L			
MEDIA	TYPE	Mantle, Car Sticker, Flex etc.			
	MAX PRINTING WIDTH	3200mm			
	TRANSMISSION	Motor High Resolution Rubber Covered Roller Transfer System			
DRYING SYSTEM		LED UV Light			
PRINTING SPEED	PRODUCTION MODE	45sqm/h(G5)	63sqm/h(G6)	65sqm/h(G5)	91sqm/h(G6)
	QUALITY MODE	36sqm/h(G5)	50sqm/h(G6)	48sqm/h(G5)	67sqm/h(G6)
	HIGH QUALITY MODE	25sqm/h(G5)	35sqm/h(G6)	32sqm/h(G5)	45sqm/h(G6)
TRANSMISSION SYSTEM		USB 3.0			
POWER SUPPLY		AC220V (±10%), 50/60Hz			
POWER CONSUMPTION		6KW			
ENVIRONMENT		Temperature : 18 °C -29 °C Humidity : 50%-80%			
DIMENSION		Printer dimension: 5,710(W) x 1124(D) x 1,561(H)(Unit : mm)			
		Packing dimension: 5,880(W) x 1250(D) x 2,000(H)(Unit : mm)			
WEIGHT		Printer weight: 1,850Kg , 4,079lb(Pound)			
		Packing weight: 2,500Kg , 5,512lb(Pound)			



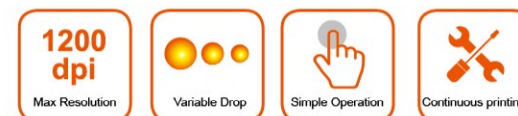
KEUNDO 坤度

M5000-UV

UV Roll-Roll Printer



Ricoh Gen5 / Gen6 Optional



KEUNDO UV Ink
C/M/Y/K/LC/LM/W/Varnish

>> Technical Characteristics

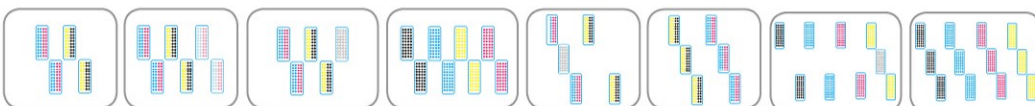
- Use LED curing technology with temperature cooling system, extend UV lights' working life and leads to lower energy consumption.
- Standard CMYK + LcLm configuration performs wider color gamut and better color transition from light to dark color.
- Stable media feeding system and strong feeding compensation ensures high quality printing without banding.
- Firm structure with up to 16mm thick beam, strong and high quality rubber rollers provide more stable media feeding than printers with pinch rollers.

>> Configuration:

1. Separate capping station for each print head protects it from dirt.
2. Standard Panasonic high-power motor and motor driver ensures high precision response of movement, achieving high speed printing with excellent stability and precision even in long term printing.
3. M5000UV use industrial PLC control module to realize accurate media movement and the tension bar to increase the tension and smoothness of media, achieving high quality printing.
4. THK high quality mute guide rail.
5. Adopt high quality gear motor to control media feeding more accurately especially for soft media like soft film.
6. Optional metal encoder strip helps for more stable and accurate carriage horizontal movement.

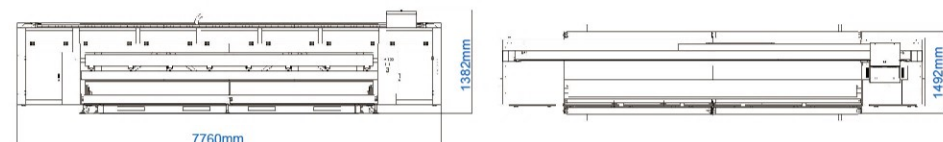


New Gen6 heads simultaneously with high speed and high precision.
Print head base supports up to 12 print heads .



● Technical Specifications

HEAD TYPE		Ricoh Gen5 / Gen6			
HEAD CONTROL		Variable Ink Droplet			
HEAD ARRANGEMENT		Two Line Print Heads 3X2(6pcs) Three Line Print Heads 3x3(9pcs)			
HEAD NUMBER		4-12 pcs optional			
HEAD CLEANING		Manual Positive and Negative Pressure Clenaning Device			
RIP SOFTWARE		ONYX			
INK	TYPE	LED UV Ink			
	COLOR	C/M/Y/K/LC/LM/W/Varnish			
	INK CAPACITY	2.5L			
MEDIA	TYPE	Mantle, Car Stick, Flex etc.			
	MAX PRINTING WIDTH	5000mm			
	TRANSMISSION	Motor High Resolution Rubber Covered Roller Transfer System			
DRYING SYSTEM		LED UV Light			
PRINTING SPEED	PRODUCTION MODE	80sqm/h(G5)	112sqm/h(G6)	100sqm/h(G5)	140sqm/h(G6)
	QUALITY MODE	60sqm/h(G5)	84sqm/h(G6)	80sqm/h(G5)	112sqm/h(G6)
	HIGH QUALITY MODE	40sqm/h(G5)	56sqm/h(G6)	60sqm/h(G5)	84 sqm/h(G6)
TRANSMISSION SYSTEM		USB 3.0			
POWER SUPPLY		AC220V (±10%), 50/60Hz			
POWER CONSUMPTION		6KW			
ENVIROMENT		Temperature : 18 ℃ -29 ℃ Humidity : 50%-80%			
DIMENSION		Printer dimension: 7,760(W) x 1,760(D) x 1,890(H)(Unit : mm) Packing dimension: 7,950(W) x 2,100(D) x 1,820(H)(Unit : mm)			
WEIGHT		Printer weight: 3,850Kg , 8,488lb(Pound) Packing weight: 4,500Kg , 9,921lb(Pound)			



KEUNDO 坤度

SQ5200 UV

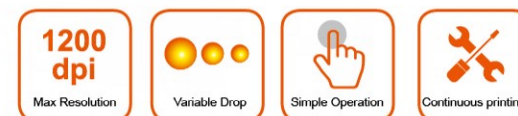
UV Roll-Roll Printer



C M Y K LC LM
C M Y K LC LM W

KEUNDO UV Ink
C/M/Y/K/LC/LM/W/Varnish

Ricoh Gen5 / Gen6 Optional



>> Technical Characteristics

- Electromagnetic levitation printing technology, high stability magnetic encoder strip, high precision linear motor.
- Bold structure and rubber media rollers enable more stable media feeding.
- Advanced nozzle compensation function avoid problem of printing gap or banding.
- Default six color printing mode brings wider color gamut and smoother output.
- Water-cooling LED technology extends longer life and lower power consumption.
- Warning light during printing makes sure human safety.
- Memory printing function ensures continuous printing.

>> Technical Specifications

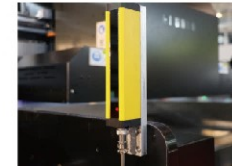
HEAD TYPE		Ricoh Gen5/Gen6			
HEAD CONTROL		Variable Ink Droplet			
HEAD ARRANGEMENT		Two Line Print Heads 3X2(6pcs)		Three Line Print Heads 3x3(9pcs)	
HEAD NUMBER		4-12 pcs optional			
HEAD CLEANING		Manual Positive and Negative Pressure Clenaning Device			
RIP SOFTWARE		ONYX			
INK	TYPE	LED UV Ink			
	COLOR	C/M/Y/K/LC/LM/W/Varnish			
	INK CAPACITY	2.5L			
MEDIA	TYPE	Mantle,Car Stick,Flex etc.			
	MAX PRINTING WIDTH	5000mm			
	TRANSMISSION	High-precision linear carriage motor and rubber media rollers system driven by servo motor.			
DRYING SYSTEM		LED UV Light			
PRINTING SPEED	PRODUCTION MODE	80sqm/h(G5)	112sqm/h(G6)	100sqm/h(G5)	140sqm/h(G6)
	QUALITY MODE	60sqm/h(G5)	84sqm/h(G6)	80sqm/h(G5)	112sqm/h(G6)
	HIGH QUALITY MODE	40sqm/h(G5)	56sqm/h(G6)	60sqm/h(G5)	84 sqm/h(G6)
TRANSMISSION SYSTEM		USB 3.0			
POWER SUPPLY		AC220V (±10%), 50/60Hz			
POWER CONSUMPTION		6KW			
ENVIROMENT		Temperature : 18 ℃-29 ℃ Humidity : 50%-80%			
DIMENSION		Printer dimension: 7,800(W) x1,500(D) x 1,850(H)(Unit : mm) Packing dimension: 8,120(W) x 2,100(D) x 1,850(H)(Unit : mm)			
WEIGHT		Printer weight: 8,000Kg , 17,637lb(Pound) Packing weight: 8,850Kg , 19,511lb(Pound)			

	Two Line Print Heads 2x3 (Gen6)	Three Line Print Heads 3x3(Gen6)	
112m ² /h	Production Mode	Production Mode	140m ² /h
84m ² /h	Quality Mode	Quality Mode	112m ² /h
56m ² /h	Image Mode	Image Mode	84m ² /h

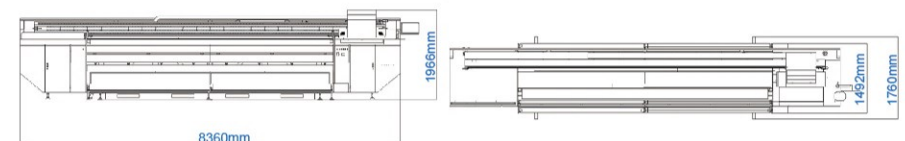
New Gen6 heads simultaneously with high speed and high precision.



Heavy duty body, rubber media roller makes smoother media feeding, brings stable printing in high speed mode. Wider printing size up to 5 meters is suitable for more solutions.



Warning light system makes sure human safety. Electromagnetic levitation printing technology, high stability magnetic encoder strip, high precision linear motor, mute THK guide rail ensures stable and high quality printing performance.



KEUNDO KOREA

Add.: #446-1 JEIL-RI, YANGJI-MYEON, CHEOIN-GU, YONGIN-SI, GYEONGGI-DO, S.KOREA (449-826)

Tel: +82-31-337-1946 / FAX : +82-31-337-0926

Web Site: www.keundo.com

KEUNDO CHINA

Add.: No.9 Shunshui Road,Lishui Development Dist.,Nanjing,China

Tel: +86-25-84720661 / 84720665

Web Site: www.kedi-tec.com / Email: sales@kedi-tec.com