



**CET**  
COLOR

# Q6 HYBRID PRINTERS



***63" Belt Drive 2-Row  
98" Linear Drive 3-Row  
126" Linear Drive 3-Row***

***Media Versatility | Unbeatable Value***

## Q6 Linear 3-Row Hybrid

### 3-ROW RICOH LINEAR MOTOR ARRANGEMENT\*

The Linear Ricoh Gen 6 UV Printer features an innovative linear motor drive system. This design enhances printing speed, ink drop accuracy and quality. Able to produce 30 boards an hour with 3 rows of Gen 6 printheads.

\*500H and 1000H Models

### CONFIGURATIONS:

Begin with a foundation of two printheads and seamlessly scale to meet the evolving needs of your expanding business. This machine is equipped with field-upgradeable capabilities, ensuring a professional and adaptable solution.

#### 250H 2-Row

CMYK  
CMYK x2  
CMYKW  
CMYKW X2

#### 500H/1000H 3-Row Linear

CMYK  
CMYK x2  
CMYKW  
CMYKW X2  
Add Varnish as an option for 3rd Row

#### Ricoh Gen 6

Nozzle quantity: 1280  
Physical Resolution: 600 DPI  
Pico-liter: Variable 5 - 10 -15 pl  
Effective Print Width: 2.125"



## 3-ROW RICOH ARRANGEMENT BENEFITS:

The simultaneous printing with white, color, and varnish ensures a smooth and delicate varnish effect, surpassing the industry's standards by a considerable margin.

The Q6 Linear 3-row incorporates a standalone white control function, enabling an enhanced capacity for printing color white compared to standard configurations. This results in a doubled productivity rate.

A variety of printable media is supported, encompassing signs, acrylic, PVC board, Coroplast, and various other applications, providing a diverse range of options.



- ① RICOH PRINT HEADS**  
Featuring variable dots, true grayscale imaging 5, 10, and 15pl
- 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 (1000H Model)**  
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 (500H & 1000H ONLY)**  
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

## 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	250H		500H Linear	1000H Linear
PRINthead	Ricoh Gen6		Ricoh Gen6	Ricoh Gen6
QUANTITY OF PRINtheadS	2-8 Double Row		2-9 3-Row	2-9 3-Row
MAX PRINT SPEED	Production	377	615	685
	Quality	277	465	521
	High Quality	182	315	386
MAX RESOLUTION	1200 X 1200 dpi			
PRINT MODE	Unidirectional and bidirectional			
MAX PRINT AREA	63"		98"	126"
MAX MEDIA THICKNESS	2 inches			
MEDIA TYPE	Rigid and roll substrates			
INK	Environmentally friendly LED curable ink (VOC free)			
INK COLOR	CMYK + W		CMYK + W + V	
IMAGE FORMAT	Adobe Postscript Level 3, PDF, JPEG, TIFF, EPS, AI			
MACHINE SIZE (L X W X H)	13.6' x 3.9' x 4.4'		18' x 3.8' x 4.5'	20.3' x 5.2' x 5.1'
MACHINE NET WEIGHT	1521		1940	6106
SHIPPING WEIGHT	2425		2866	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

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