

Q5-250 | Q5-500 | Q5-1000 | Q5-250h | Q5-500h | Q5-1000h



## YOUR QUALITY AND BOTTOM LINE just reached the top.



### QUALITY

Unsurpassed Quality

With variable drop sizes of 7, 14 and 21 picoliters, the latest Ricoh print head technology on our Q5-Series printing presses delivers the absolute highest quality imaging available at its price point.



### PERFORMANCE

Unparalleled Performance

Built on our proven flatbed and hybrid technology for simplicity, durability and ease of operation, the Q5-Series printing presses will thrive in your environment and deliver to your expectations.



### AFFORDABILITY

Unbelievably Priced

When compared to similar printers in the market, the Q5-Series line of printing presses feature a considerably lower initial investment cost along with lower long-term operational costs. This adds up to a much shorter return on your investment, allowing profits to start growing sooner.



### UPGRADABILITY

Unique Customization

With the option to upgrade from one row to two rows of printheads on the Q5-500(h) and Q5-1000(h), our printing presses are customized to meet your specific business needs.



### **The Latest Ricoh Print Head Technology**

Featuring variable dot, true greyscale imaging – 7, 14 and 21 picoliters – at a native 300 dpi.

### **Auto Height Detection System**

Automatically detects the height of media up to 4" thick and calibrates print head distance for optimal dot placement and image quality.

### **UV/LED Curing Lamps**

Instant curing of UV ink for fast production. Cures on both the left & right pass. LED is an option on all models.

### **Top Printing Speed: Up to 605 ft<sup>2</sup>/hr\***

Engineered for high-quality printing yet outputs up to (18) 4' x 8' boards an hour with full bleed capacity. \*Q5-1000 with 2 print head rows, 3 pass.

### **Static Suppression Option\*\***

Optional static suppression kit that eliminates static on the substrate.

\*\*Available on some models.

### **Reversible Vacuum Valve\*\***

Reverse the air vacuum for easier rigid media loading and unloading. \*\*Available on some models.

### **Mechanical Pin Registration System**

Pin registration for accurate and consistent rigid media placement.

### **Power Vacuum & Lamp Switches**

On/Off switches for vacuum table and lamps.

### **Emergency Stop Switches**

Stop operation from any corner of the printer.

## **Q5-250 UV FLATBED**

3.25' X 5' Max Media Area

## **Q5-500 UV FLATBED**

4' X 8' Max Media Area

## **Q5-1000 UV FLATBED**

5' X 10' Max Media Area



### **4-Zone Vacuum System**

Eliminates the need for manually zoning the table with scrap material. Individual 4-zone isolation system allows for easy setup of small batch printing.

### **On Board Control Module**

Allows user to adjust printer settings specifically for each ripped file, and make on-the-fly adjustments of ink and media settings, white ink work flow and physical printer settings.

## **Proven quality & performance with the latest Ricoh print head technology**

Ricoh's multi-drop technology enables greyscale printing by varying the drop size of each individually printed image pixel. The latest Ricoh print head technology, installed in the Q5-Series printing presses, features 1280 nozzles per print head. This print head prints in true greyscale multi-drop 7, 14 and 21 picoliters at a native 300 dpi for outstanding, close-view print quality.

Along with great print quality, this Ricoh print head also features fast printing speeds on all the Q5-Series printing presses — up to a blazing 448 ft<sup>2</sup>/hr\* (Q5-500) and 605 ft<sup>2</sup>/hr\* (Q5-1000) with models that utilize the double-row print head configuration.

\*Speeds at 3 pass

## **3 flatbed sizes, same great features.**

**Q5-250**  
3.25' x 5' flatbed



**Q5-500**  
4' x 8' flatbed



**Q5-1000**  
5' x 10' flatbed



### Latest Ricoh Print Head Technology

Featuring variable dot, true greyscale imaging – 7, 14 and 21 picoliters – at a native 300 dpi.

### Auto Height Detection System

Automatically detects the height of media up to 2" thick and calibrates print head distance for optimal dot placement and image quality.

### UV/LED Curing Lamps

Instant curing of UV ink for fast production. Cures on both the left & right pass. LED is an option on all models.

### Top Printing Speed: Up to 605 ft<sup>2</sup>/hr\*

Specially engineered combination of print head, inks and UV curing technology outputs roll or rigid media. \*Q5-1000 with 2 print head rows, 3 pass.

### Static Suppression Option\*\*

Optional static suppression kit that eliminates static on the substrate. \*\*Available on some models.

The Q5-Series hybrid

UV printing presses produce

**high-quality, high-volume results on**

**either roll or rigid media.** The belt-driven vacuum print bed securely and accurately transports flexible or rigid media through the printing press.

## Q5-250H UV HYBRID

64" (1.6m) Max Media Area

## Q5-500H UV HYBRID

98" (2.4m) Max Media Area

## Q5-1000H UV HYBRID

125" (3.2m) Max Media Area



### Retractable Alignment Bar

Mechanical alignment bar allows for accurate and consistent media placement.

### Vacuum Belt-Driven System

Full-width vacuum belt provides accuracy and versatility for virtually any size rigid or flexible media.

### Emergency Stop Switches

Stop the printer operation from either side of the printer.

### On Board Control Module

Allows user to adjust printer settings specifically for each ripped file, and make on-the-fly adjustments of ink and media settings, white ink work flow and physical printer settings.

## 3 hybrid widths for varied applications.



### Q5-250h

Media up to 64" (1.6m) wide



### Q5-500h

Media up to 98" (2.5m) wide



### Q5-1000h

Media up to 125" (3.2m) wide

## Media versatility

Quickly change setup from roll media to rigid media

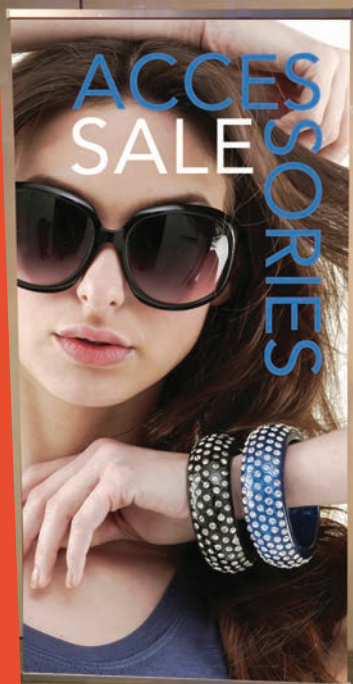
Two front and rear extension tables can be secured to the main body to facilitate printing on rigid media up to 2" thick.

The retractable alignment bar aides in rigid media placement, and the vacuum belt-driven printing bed holds media stable while moving it through the printing gantry. Rollers set in the table tops help in gliding rigid media in and out of the printing press.



## OUTDOOR SIGNAGE

Store panel signs



### RETAIL DISPLAY

Vinyl window advertising poster



## SPECIALTY SIGNAGE

Shop sign printed on wood

# Q5-SERIES SPECIFICATIONS

<b>PRINT HEAD</b>	Ricoh 2-8 print heads
<b>INK SETS</b>	CMYK+W; CMYKlclm+W
<b>INK TYPE</b>	UV Curable
<b>RESOLUTION</b>	Native 300 dpi
<b>PRINT SPEEDS</b>	<p><b>Q5-250</b>            Production (1 row, 3 pass): Up to 229 ft<sup>2</sup>/hr            Quality (1 row, 5 pass): Up to 146 ft<sup>2</sup>/hr            High Quality (1 row, 9 pass): Up to 88 ft<sup>2</sup>/hr            Photo (1 row, 12 pass): Up to 64 ft<sup>2</sup>/hr</p> <p><b>Q5-500</b>            Production (1 row, 3 pass): Up to 275 ft<sup>2</sup>/hr            Production (2 rows, 3 pass): Up to 448 ft<sup>2</sup>/hr            Quality (1 row, 5 pass): Up to 175 ft<sup>2</sup>/hr            Quality (2 rows, 5 pass): Up to 286 ft<sup>2</sup>/hr            High Quality (1 row, 9 pass): Up to 105 ft<sup>2</sup>/hr            High Quality (2 rows, 9 pass): Up to 196 ft<sup>2</sup>/hr            Photo (1 row, 12 pass): Up to 77 ft<sup>2</sup>/hr            Photo (2 rows, 12 pass): Up to 148 ft<sup>2</sup>/hr</p> <p><b>Q5-1000</b>            Production (1 row, 3 pass): Up to 329 ft<sup>2</sup>/hr            Production (2 rows, 3 pass): Up to 605 ft<sup>2</sup>/hr            Quality (1 row, 5 pass): Up to 210 ft<sup>2</sup>/hr            Quality (2 rows, 5 pass): Up to 380 ft<sup>2</sup>/hr            High Quality (1 row, 9 pass): Up to 126 ft<sup>2</sup>/hr            High Quality (2 rows, 9 pass): Up to 235 ft<sup>2</sup>/hr            Photo (1 row, 12 pass): Up to 92 ft<sup>2</sup>/hr            Photo (2 rows, 12 pass): Up to 173 ft<sup>2</sup>/hr</p>
<b>MEDIA - Flatbed</b>	<p><b>Max. Media Size:</b>            Q5-250: 39" x 60" x 3.5"            Q5-500: 48" x 96" x 4"            Q5-1000: 60" x 120" x 4"  <b>Type:</b> Rigid  <b>Weight:</b> 200 lbs.</p>
<b>MEDIA - Hybrid</b>	<p><b>Max. Media Width:</b>            Q5-250h: 63" (1.6m)            Q5-500h: 98" (2.5m)            Q5-1000h: 125" (3.2m)  <b>Type:</b> Roll; Flexible and Rigid  <b>Max. Thickness:</b> 2"  <b>Max. Weight:</b> 100 lbs.</p>
<b>UV CURING</b>	Mercury Vapor UV Lamps UV LED (optional on some models)
<b>RIP SUPPORT</b>	Onyx or Caldera
<b>POWER SUPPLY</b>	2 Separate single-phase, 220V AC circuits rated at 30 amp
<b>ENVIRONMENT</b>	68°F - 86°F / 40% - 70% Rh
<b>DIMENSIONS L W H</b>	<p><b>Q5-250:</b> 10' x 5.5' x 4.2'  <b>Q5-500:</b> 15.3' x 6.4' x 4.3'  <b>Q5-1000:</b> 17' x 7.2' x 4.4'  <b>Q5-250h:</b> 11.3' x 2.8' x 4.2'  <b>Q5-500h:</b> 15.9' x 3.3' x 4.4'  <b>Q5-1000h:</b> 18' x 4.6' x 4.7'</p>
<b>WEIGHT</b>	<p><b>Q5-250:</b> 1102 lbs.    <b>Q5-250h:</b> 1102 lbs.  <b>Q5-500:</b> 2645 lbs.    <b>Q5-500h:</b> 2645 lbs.  <b>Q5-1000:</b> 3307 lbs.    <b>Q5-1000h:</b> 4500 lbs.</p>



For additional product information and features, or to request a sample print, contact: [sales@cetcolor.com](mailto:sales@cetcolor.com)

404-228-1259 [www.cetcolor.com](http://www.cetcolor.com)

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