

## Q5-SERIES SPECIFICATIONS

PRINthead	Ricoh Gen5, 2-8 printheads	
INK CONFIGURATIONS	CMYK+W; CMYKLcLm+W	
INK TYPE	UV Curable	
RESOLUTION	600x300 Native 600x600, 600x900, 600x1200, 900x1200, 1200x1200	
PRINT SPEEDS	<b>Q5-250</b> Single Row, Draft - 215 ft/hr <sup>2</sup> Production 140; Fine Print 108	<b>Q5-250h</b> Single Row, Draft - 280 ft/hr <sup>2</sup> Production 182; Fine Print 140
	<b>Q5-500</b> Dual Row, Draft - 473 ft/hr <sup>2</sup> Production 344; Fine Print 269	<b>Q5-500h</b> Dual Row, Draft - 538 ft/hr <sup>2</sup> Production 398; Fine Print 226
	<b>Q5-1000</b> Dual Row, Draft - 605 ft/hr <sup>2</sup> Production 387; Fine Print 290	<b>Q5-1000h</b> Dual Row, Draft - 645 ft/hr <sup>2</sup> Production 473; Fine Print 312
UV CURING	Mercury Vapor UV Lamps UV LED (optional on all models)	
RIP SUPPORT	Onyx or Caldera	
DIMENSIONS L x W x H	<b>Q5-250:</b> 11.3' x 7.3' x 4.2' <b>Q5-500:</b> 15.3' x 8.3' x 4.6' <b>Q5-1000:</b> 17.1' x 8.9' x 4.6' <b>Q5-250h:</b> 13.7' x 3.9' x 4.4' With 2 flatbed extension tables: 13.7' x 8.9' x 4.4' (optional) <b>Q5-500h:</b> 18' x 3.8' x 4.5' With 2 flatbed extension tables: 18' x 8.8' x 4.5' (optional) <b>Q5-1000h:</b> 20.3' x 5.2' x 5.1' With 2 flatbed extension tables: 20.3' x 10.2' x 5.1' (optional)	
MIN. WORK AREA L x W	<b>Q5-250:</b> 15.3' x 11.3' <b>Q5-500:</b> 19.3' x 12.3' <b>Q5-1000:</b> 21.1' x 12.9' <b>Q5-250h:</b> 17.7' x 7.9' With 2 flatbed extension tables: 17.7' x 12.9' (not included) <b>Q5-500h:</b> 22' x 7.8' With 2 flatbed extension tables: 22' x 12.8' (not included) <b>Q5-1000h:</b> 24.3' x 9.2' With 2 flatbed extension tables: 24.3' x 14.2' (not included)	
WEIGHT	<b>Q5-250:</b> 1257 lbs.	Ship Weight 2183 lbs.
	<b>Q5-500:</b> 2536 lbs.	Ship Weight 3848 lbs.
	<b>Q5-1000:</b> 3197 lbs.	Ship Weight 4762 lbs.
	<b>Q5-250h:</b> 1675 lbs.	Ship Weight 2579 lbs.
	<b>Q5-500h:</b> 2822 lbs.	Ship Weight 4134 lbs.
	<b>Q5-1000h:</b> 4983 lbs.	Ship Weight 6900 lbs.

# Q5



## Q5-SERIES UV PRINTING PRESS

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

## Q5-SERIES UV PRINTING PRESS

The Q5-Series printing presses are ideal for creating retail point-of-purchase graphics, backlit displays, high-end packaging, art reproduction prints and so much more. Q5-Series printing presses are available with 2 to 8 printheads.

### Q5-250 UV FLATBEAD

3.25' x 5' Max Media Area Available in single row only  
\*SPECIAL ORDER

### Q5-500 UV FLATBEAD

4' x 8' Max Media Area

### Q5-1000 UV FLATBEAD

5' x 10' Max Media Area

Static Suppression  
Option

Ricoh Printheads

Auto Height Detection System

LED UV Curing Lamps

Top Production Speed: Up to 605 ft<sup>2</sup>/hr

Reversible Vacuum Valve

Mechanical Pin Registration System

Power Vacuum

4-Zone Vacuum System

Full Functioning Control Module

## Q5-SERIES HYBRID UV PRINTING PRESS

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 Available in single row only

### Q5-500h UV HYBRID

98" (2.4m) Max Media Area

### Q5-1000h UV HYBRID

126" (3.2m) Max Media Area

Static Suppression  
Option

Ricoh Printheads

Auto Height Detection System

LED UV Curing Lamps

Top Production Speed: Up to 605 ft<sup>2</sup>/hr

Retractable Alignment Bar

Belt-Driven System

Full Functioning Control Module

## PROVEN QUALITY & PERFORMANCE

Ricoh's multi-drop technology enables grayscale printing by varying the drop size of each individually printed image pixel. The latest Ricoh printhead technology features 1280 nozzles per printhead. This printhead prints in true grayscale 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 printhead features fast printing speeds on all the Q-5 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 printhead configuration.

## 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



## 3 hybrid widths for varied applications.



**Q5-250h**  
Media up to 64"  
(1.6m)



**Q5-500h**  
Media up to 98"  
(2.5m)



**Q5-1000h**  
Media up to 126"  
(3.2m)

## MEDIA VERSATILITY

Quickly change setup from roll media to rigid media.

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 aids in rigid media placement, and the vacuum belt-driven printing bed holds media stable while moving it through the printing platform. Rollers set in the table tops help in gliding rigid media in and out of the printing press.