



# Flatbed Printers

Simple. Reliable. Affordable.



**RF84** (8 ft x 4 ft)



**RF84 HG** (8 ft x 4 ft)



**RF53** (5 ft x 3.2 ft)



**ZF105** (10 ft x 5 ft)

## Technology

- Ricoh Gen6 or Kyocera printheads
- Speeds up to 60, 8ft x 4ft boards/hr
- CMYK Ink Sets with White and Varnish options
- Single, Double, Triple Row, and Symmetrical printhead configurations
- Robust Industrial Design
- Water-cooled, LED curing technology
- Maximum substrate thickness of 4 in - 19.68 in (high gantry)
- Field Upgrade options for increased print speeds
- White Ink pigment dispersion system

## Features





- Easy to use TopJet Print Controller
- Simple Pin Registration System for media positioning
- Independently controlled vacuum zones to maximize substrate hold down power
- Silencers on the powerful vacuum pumps to reduce noise (84F/105F)
- Automatic Media Thickness measuring
- Crash bars to protect the printheads
- Automatic print cycle printing to maximize throughput
- Static suppression system
- Color/White/Color Printing Options

## Support

- 3 year Parts / 1 year Labor Warranty
- Final Assembly, Integrations & Quality Control in the US
- Custom Media Presets are created and shipped with each printer
- Advanced Operator Classes available
- Compatible with Onyx, Caldera, and other 3rd party RIPs



## Flatbed Printers

Model	RF53	RF84	RF84 HG	RF105	ZF105
Chassis					
Printhead	Ricoh Gen6	Ricoh Gen6	Ricoh Gen6	Ricoh Gen6	Kyocera
Number of Printheads	2 - 4 (Single Row)	2 up to 18 (Double or Triple Row)	2 up to 8 (Double or Triple Row)	2 up to 12 (Double or Triple Row)	4-10 (DR, Symmetrical Array)
Print Speeds	<b>2p-Express</b> up to 405 sq ft/hr <b>6p-Outdoor</b> up to 257 sq ft/hr <b>12p-Quality</b> up to 119 sq ft/hr	<b>2p-Express</b> up to 44 boards/hr <b>6p-Outdoor</b> up to 23 boards/hr <b>12p-Quality</b> up to 11 boards/hr	<b>2p-Express</b> Up to 44 boards/hr <b>6p-Outdoor</b> up to 23 boards/hr <b>12p - Quality</b> up to 11 boards/hr	<b>2p-Express</b> up to 44 boards/hr <b>6p-Outdoor</b> up to 23 boards/hr <b>12p-Quality</b> up to 11 boards/hr	<b>2p-Express</b> up to 60 boards/hr <b>6p-Outdoor</b> up to 27 boards/hr <b>12p-Quality</b> up to 12 boards/hr
Addressability	up to 1200 x 2400 dpi		up to 1200* 2400 dpi	up to 1200x 2400 dpi	up to 3600 dpi
Print Area	1.6 m x 1 m (62.99 in x 39.37 in)	2.5 m x 1.22 m (98.42 in x 48.03 in)	2.5 m x 1.22 m (98.42 in x 48.03 in)	3.1 m x 1.6 m (122.04 in x 62.99 in)	
Max Thickness	100mm (3.93 in)		500mm (19.68 in)	100mm (3.93 in)	
Ink Technology	UV Curable Inks, VOC Free				
Ink Set	CMYK+Optional White & Varnish				CMYK+Optional White
Ink Curing	Water Cooled, LED Lamps				
Printer Size	W: 126 in x L: 67 in x H: 51 in	W: 196 in x L: 78 in x H: 56 in	W: 196 in x L: 78 in x H: 56	W: 218 in x L: 87 in x H: 56 in	
Min. Operating Area	W: 174 in x L: 115 in	W: 244 in x L: 126 in	W: 244 in x L: 126 in	W: 266 in x L: 135 in	
Printer Weight	1235 lbs	3197 lbs	3447	4343 lbs	
Crated Weight	2337 lbs	4299 lbs	4549	5445 lbs	
RIP Compatibility	Caldera, Onyx and other Third-party RIPs				
Printer Power	Single Phase, 220 volts, 30 amp (One or Two Circuits depending on Model)				
Chiller Power	Single Phase, 220 volt, 20 amp				
Environment	Conditions for Optimal Print Quality: Temperature: 68° - 78° F, Relative Humidity: 40% - 60% (non-condensing)				



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