



Flatbed Printers

Simple. Reliable. Affordable.



84F (8 ft x 4 ft)



53F (5 ft x 3.2 ft)



105F (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 inches
- 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

- 2 year Parts / 1 year Labor Warranty
- Extended Parts Warranty Available
- 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

Model	R53F Turbo	R84F Turbo	R105F Turbo	Z105F Linear
Chassis				
Printhead	Ricoh Gen6	Ricoh Gen6	Ricoh Gen6	Kyocera
Number of Printheads	2 - 4 (Single Row)	2 up to 12 (Double or Triple Row)	2 up to 12 (Double or Triple Row)	4-10 (DR, Symmetrical Array)
Print Speeds	2p-Express up to 405 sq ft/hr 6p-Outdoor up to 257 sq ft/hr 12p-Quality up to 119 sq ft/hr	2p-Express up to 20 boards/hr 6p-Outdoor up to 12 boards/hr 12p-Quality up to 7 boards/hr	2p-Express up to 20 boards/hr 6p-Outdoor up to 12 boards/hr 12p-Quality up to 7 boards/hr	2p-Express up to 60 boards/hr 6p-Outdoor up to 27 boards/hr 12p-Quality up to 12 boards/hr
Addressability	up to 1200 x 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)	3.1 m x 1.6 m (122.04 in x 62.99 in)	
Max Thickness	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: 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: 266 in x L: 135 in	
Printer Weight	1235 lbs	3197 lbs	4343 lbs	
Crated Weight	2337 lbs	4299 lbs	5445 lbs	
RIP Compatibility	Caldera, Onyx and other Third-party RIPs			
Printer Power	Single Phase, 220 volt, 30 amp <small>(One or Two Circuits required depending on Model)</small>			
Chiller Power	Single Phase, 220 volt, 20 amp			
Environment	Conditions for Optimal Print Quality: Temperature: 68° - 78° F, Relative Humidity: 40% - 60%			