

# Flatbed Series

Simple. Reliable. Affordable. — LED-Curable Flatbed Printers

The Fluid Color flatbed printers are reliable, high-speed LED-curable flatbed printers built around Ricoh Gen6 or Kyocera printheads. Five models span a 5'x3.2' bed for size-restricted shops up to a 10'x5' production flatbed, with speeds up to 60 boards per hour.

## FLATBED DATASHEET

Model	RF53	RF84	RF84 HG	RF105	ZF105
Printhead	Ricoh Gen6	Ricoh Gen6	Ricoh Gen6	Ricoh Gen6	Kyocera
Number of Printheads	2-4 (Single Row)	2-18 (Double/Triple Row)	2-8 (Double/Triple Row)	2-12 (Double/Triple Row)	4-10 (DR, Symmetrical)
Print Speed 2p-Express	405 sq ft/hr	44 boards/hr	44 boards/hr	44 boards/hr	60 boards/hr
Print Speed 6p-Outdoor	257 sq ft/hr	23 boards/hr	23 boards/hr	23 boards/hr	27 boards/hr
Print Speed 12p-Quality	119 sq ft/hr	11 boards/hr	11 boards/hr	11 boards/hr	12 boards/hr
Addressability	up to 1200x2400 dpi	up to 1200x2400 dpi	up to 1200x2400 dpi	up to 1200x2400 dpi	up to 3600 dpi
Print Area	1.6m x 1m (63" x 39.4")	2.5m x 1.22m (98.4" x 48")	2.5m x 1.22m (98.4" x 48")	3.1m x 1.6m (122" x 63")	3.1m x 1.6m (122" x 63")
Max Thickness	100mm (3.93")	100mm (3.93")	500mm (19.68")	100mm (3.93")	100mm (3.93")
Ink Set	CMYK+White &Varnish	CMYK+White &Varnish	CMYK+White &Varnish	CMYK+White &Varnish	CMYK+White

Ink Technology: UV-Curable Inks, Eco-Friendly (VOC Free) across all models.

## TECHNOLOGY, FEATURES & SUPPORT

### 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, Symmetrical configurations
- Robust industrial design; water-cooled LED curing

### FEATURES

- Easy-to-use TopJet Print Controller
- Simple pin registration for media positioning
- Independently controlled vacuum zones for hold-down
- Silencers on vacuum pumps reduce noise (84F/105F)
- Automatic media thickness measuring; crash bars

### SUPPORT

- 3-year parts / 1-year labor warranty
- Final assembly, integration & QC in the US
- Custom media presets shipped with each printer
- Advanced operator classes available
- Compatible with Onyx, Caldera, and other RIPs