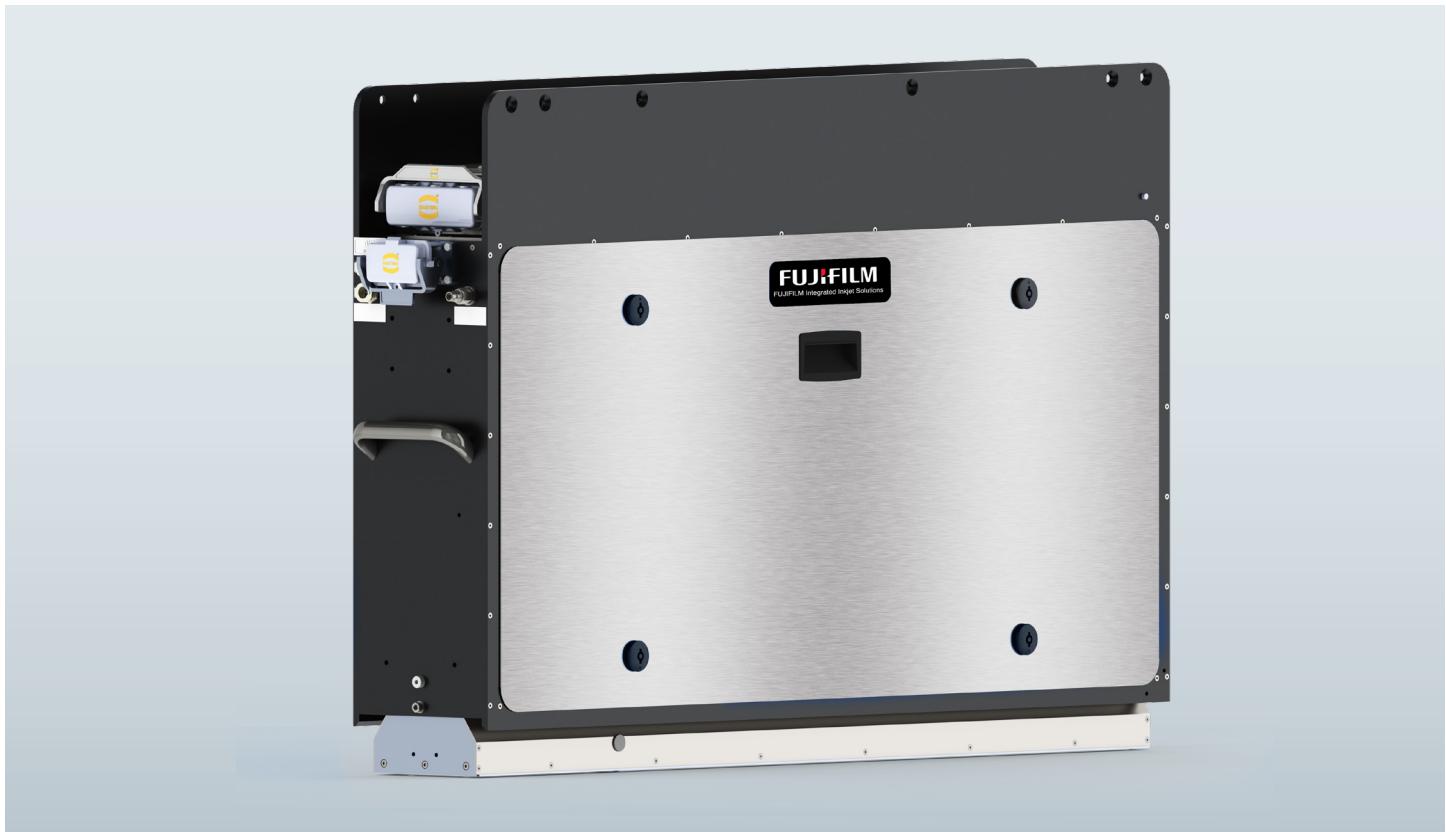


FUJIFILM 42K Printbar System

An Industrial Inkjet Printing System



KATHRINE,
Authentic Indian dishes and traditional Mexican Pizza. All our food is cooked using only the finest small ingredients. This is the best Indian food for great flavor. We invite you to dine in with us. The finest Indian food should be eaten off a plate. Straight from the oven to your table is the best way to experience our delicious wood fired Indian cuisine. Walk in are welcome but, we can get you here over the phone and reserving a table.

ITALIAN 
15% OFF LUNCH
MON-THURSDAYS 11:30-2PM

Katherine McGillicuddy
100 Home Street
Boston, MA 02211

e payment: www.payquickportal.com
11-BB22-CCC-4D44

with the coupon below:
to Boston Medical Group / BosMass
account # on the check

or on the check, and use the envelope provided for faster processing.

checks Payable to Boston Medical Group / BosMass

Due Date:	Patient Account #:
Upon Receipt	1023456789-0
Amount Due:	Amount Enclosed:
\$105.00	

Boston Medical Group
PO BOX 1001
Main Street
Boston, MA 02211

266-28453
602-1YEA-LBS

Personalized
direct mail

Form-based
transaction
imprinting

Book and
publication
printing

Corrugated
and folding
cartons

Coding
and marking

About the FUJIFILM 42K Printbar System

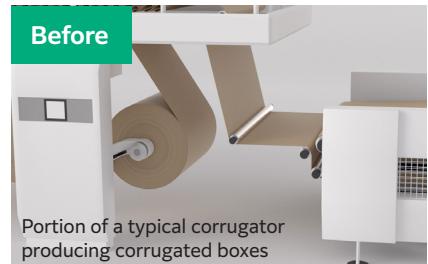
The system



The FUJIFILM 42K Printbar System is designed to add variable data in a range of widths to cover various applications and types of integrations. Pre-aligned printheads eliminate the need to stitch printbars together.

- Available in a wide range of widths
- Cross-process resolution of 1200 dpi
- Speeds up to 920' (280.4 m) per minute

What is inkjet integration?



Inkjet integration is adding digital inkjet capability to existing production lines.

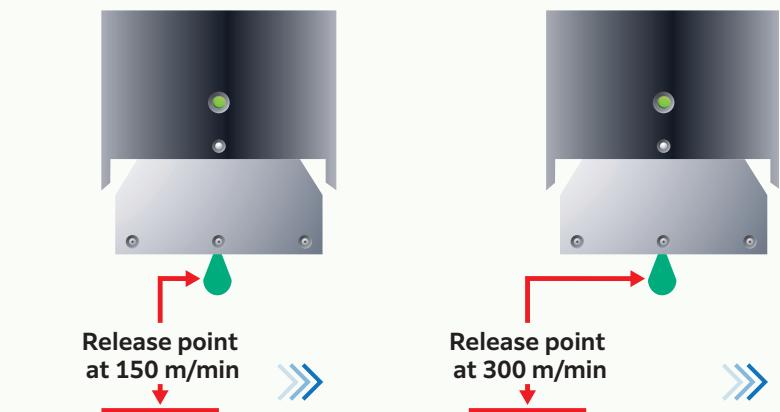
Technology Spotlight: Time of Flight Compensation

The FUJIFILM 42K printbar system's time-of-flight compensation responds to substrate speed changes in real time.

This enables optimal print quality as web presses ramp up during startup.

Using this technology, we are able to maintain accurate drop placement even when the substrate is accelerating or decelerating by as much as 16 feet per second squared (16 ft/s^2).

That's 0 to 300 ft/min in less than 10 inches of travel!



As the substrate moves faster, Fujifilm technology compensates by releasing drops earlier.

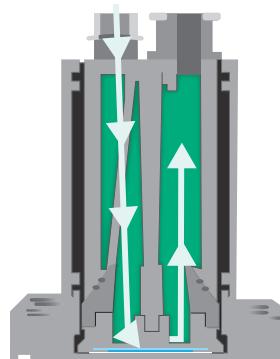
Getting colors aligned more quickly reduces waste.

Technology

Fujifilm has leveraged its imaging and information technologies to create an integrated print system that is adaptable to virtually any printing need.

REDIJET®

Fujifilm's patented REDIJET ink recirculation system keeps ink flowing all the way to the jetting nozzles, which allows for fast startup, high uptime, and easy cleaning.



No Refurbishment Required

Fujifilm's integrated print systems are designed and built to exacting standards in order to minimize the down time required for refurbishment and repair.



Nozzle Redundancy

Fujifilm's SAMBA® printheads have 32 rows of nozzles each and are capable of multi-pulse waveform. These provide redundancy in the event of nozzle loss.

Imprinting Synchronization

If a trigger mark is missing, Fujifilm's imprinting synchronization algorithm compensates to hit the next location without affecting operation.



Worldwide reach

FUJIFILM Integrated Inkjet Solutions provides global support for its customers. Fujifilm customers benefit from fully integrated, reliable print systems built to industrial standards. This includes production-ready, multi-color print systems fully integrated into the production process.

Technical specifications

Parameter	FUJIFILM 42K Printbar System	
Printbar Dimensions	Print Width	Dimensions
	13.5 in	29.3 x 7.6 x 26.8 in (74.42 cm x 19.3 cm x 68.07 cm)
	17 in	36.2 x 7.6 x 26.8 in (91.95 cm x 19.3 cm x 68.07 cm)
	20.4 in	36.2 x 7.6 x 26.8 in (91.95 cm x 19.3 cm x 68.07 cm)
	27.2 in	43 x 7.6 x 26.8 in (109.2 cm x 19.3 cm x 68.07 cm)
	40.9 in	56.6 x 7.6 x 26.8 in (143.7 cm x 19.3 cm x 68.07 cm)
Print Speed & Resolution	Cross process resolution	1200 dpi
	300 FPM / 91 m/min	(Resolution: 1200x1200 dpi)
	550 FPM / 168.5 m/min	(Resolution: 1200x600 dpi)
	700 FPM / 213.3 m/min	(Resolution: 1200x400 dpi)
	920 FPM / 280.4 m/min	(Resolution: 1200x300 dpi)
	Monochrome	
Color & Quality	CMYK (CMYK to monochrome conversion)	
	2-bit grayscale	
	Native drop size 2.4 or 3.5 pL	
	Max drop size 13 pL	
	Smallest font 2 pt (4 pt knockout)	
Fluid	Aqueous - dye, pigment, or dye-pigment hybrid inks	
	Manual or automatic nozzle maintenance	
	Bulk ink container available in 20L, 210L, and 1000L with level sensing	
	Intermediate reservoir to allow for continuous printing while bulk container is being replaced	
	Print queue management using Job Tickets and Hot Folders	
	RIP Stream; simultaneous RIP and print	
Print Controller	RIP-to-TIFFs; jobs are ripped in advance and saved as ready-to-print TIFFs	
	Output synchronization for simplex or duplex printing	
	Print Verification	Verifies up to the first ten pages before printing for items such as: separations, cut marks, barcodes, dimensions, and density
	File Format & Page Data Stream	PDF (including ISO 32000-1 and 32000-2 PDF 2.0), PDF/VT TIFF; can be generated with included RIP software or off line For legacy transaction data streams, a third party conversion utility may be required
Interfaces	Windows® 11 and Print Engine Control Software (PECS)	
	208-240VAC, 1 Phase, 50/60Hz, 20A max for single printbar control	
	Power	208-240VAC, 3 Phase, 50/60Hz, 40A max for multiple printbar control
Power	110-240VAC, 1 Phase, 50/60Hz, 30A max for ink cabinet	

Global resources

With office locations in every major geographic region, Fujifilm provides the latest technology quickly and is there to help at any time. Some of our locations include:

- FUJIFILM Australia
- FUJIFILM Canada
- FUJIFILM Mexico
- FUJIFILM Europe
- FUJIFILM Unigraphica
- FUJIFILM New Zealand
- FUJIFILM North America
- Offices in every major European country



Scan here to learn more!

