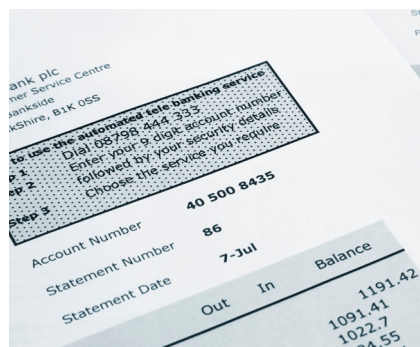


FUJIFILM 42X Printbar System

An Industrial Inkjet Printing System



Book and publication
printing



Personalized
direct mail

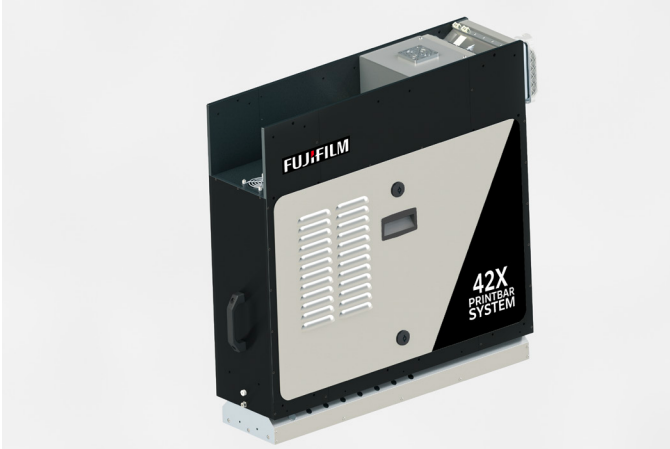


Packaging

About the FUJIFILM 42X Printbar System

The FUJIFILM 42X is Fujifilm's newest generation of high-quality, high-speed integrated inkjet system. The 42X Printbar System expands on the flagship 42K system, with speeds up to 1000 feet per minute. Widths up to one meter wide remove the need to reposition printbars.

Comparison: FUJIFILM 42X with FUJIFILM 42K



FUJIFILM 42X Printbar System

- Monochrome
- Available in sizes up to 1 meter wide to avoid repositioning printbars
- Familiar interface to ease transition from legacy systems
- Aqueous inks (pigment and dye)
- Speeds up to 1000 fpm (300 m) at 300 dpi



FUJIFILM 42K Printbar System

- Available in monochrome or 4-color
- Available in sizes up to 1 meter wide to avoid repositioning printbars
- Multiple printbars capable of printing on multiple synchronized webs simultaneously
- Aqueous dye inks
- Speeds up to 920 fpm (280 m) at 300 dpi

Technology Spotlight: High-speed data processing

Fujifilm engineers have designed a system architecture that maximizes the image quality and speed produced by the FUJIFILM SAMBA® printhead.

This modular build can process unique images on documents in real time.

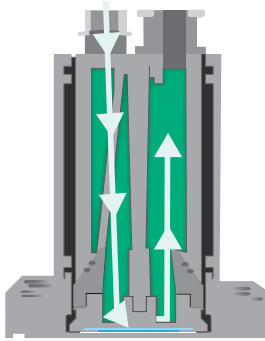
The data processed by twelve of our 27-inch printbars is equivalent to watching 750 movies in 4K at the same time.



The data processed by 12 27-inch FUJIFILM printbars is equal to 750 movies streaming in 4K video.

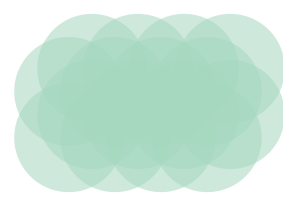
Technology

Fujifilm has leveraged its imaging and information technologies to build creative solutions for a wide variety of printing challenges.

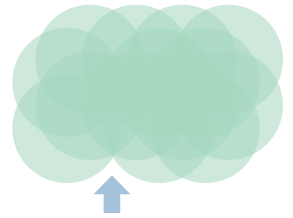


REDIJET®

Fujifilm's patented REDIJET ink recirculation system keeps ink flowing, which allows for fast startup and easy cleaning.



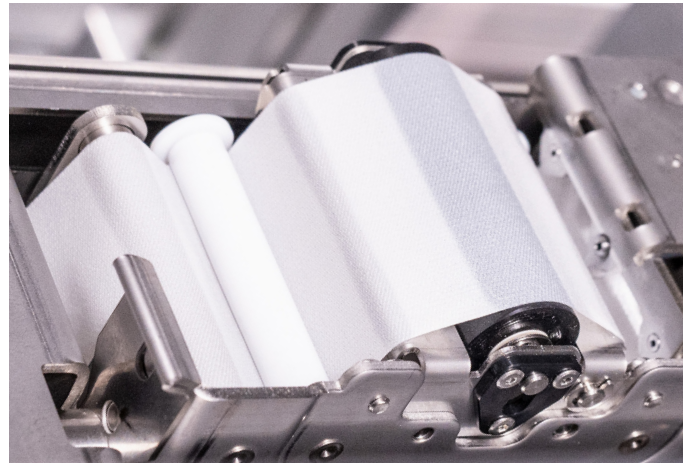
No nozzle out



Nozzle out

Nozzle Redundancy

Fujifilm's SAMBA® print systems have 32 rows of nozzles per printhead, which provides redundancy in the event of nozzle loss.



Additional advanced options

Automatic image insetting

Image compensation

Automatic nozzle maintenance (right)

Splice avoidance

Duplex printing

Media transports

Various printbar mounts

Drying options



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	42X Print System			
Printbar dimensions	13.5 inch	20 inch	27.2 inch	40.8 inch
	printbar	printbar	printbar	printbar
	29.3 in	36.16 in	42.9 in	64.1 in
	x 7.6 in	x 7.6 in	x 7.6 in	x 7.7 in
	x 26.8 in	x 26.8 in	x 26.8 in	x 34.1 in
	744.2 mm	918.5 mm	1089.6 mm	1628.1 mm
	x 192 mm	x 192 mm	x 192 mm	x 195.5 mm
	x 681.2 mm	x 681.2 mm	x 681.2 mm	x 866.1 mm
	Cross process resolution 1,200 dpi			
Print speed and resolution*	425 fpm / 129.5 mpm (Resolution: 1200x1200 dpi)			
	615 FPM / 187.5 mpm (Resolution: 1200x600 dpi)			
	1000 FPM / 300 mpm (Resolution: 1200x400 dpi)			
	1000 FPM / 300 mpm (Resolution: 1200x300 dpi)			

Parameter	42X Print System
Color & quality	Monochrome
	2-bit grayscale
	Native drop size 2.4pL or 3.5 pL
	Max drop size 13pL
Fluid handling	Smallest font 2 pt (4 pt knockout)
	Aqueous, pigment, and dye inks
	Bulk reservoir available in 20L, 210L and 1000L
	Manual or automatic nozzle maintenance
Print Controller	Level sensing
	Kao Collins' Universal Controller
	Accepts PDF and IJPDs
	Windows® 11 and Print Engine Control Software (PECS)
Print Controller Dimensions	59.6 in x 19.6 in x 71.65 in, 800 lbs. (1515 mm x 499 mm x 1820 mm, 363 kg)
	208-240VAC, 1 Phase, 50/60Hz, 20 amps max

*Capabilities may vary depending on end user application and substrate

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 New Zealand
- FUJIFILM North America
- Offices in every major European country



Scan here to learn more!



FUJIFILM

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Email: FIIS@fujifilm.com | Phone: 603-443-8300 | Online: <https://inkjet-integration.fujifilm.com>

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