



# FUJIFILM Mini 4300 Printbar System

An Industrial Inkjet Printing System



Mailing & Addressing



Coding



Direct Mail

# About the Mini 4300 Industrial Inkjet Printbar System

## Enabling production-scale inkjet printing in new ways

The Mini 4300 has speed, performance and consistency in a compact form. This enables the incorporation of digital printing into new applications, even when conditions are challenging for equipment integration.



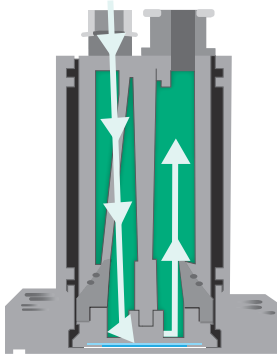
### Technology Spotlight: Flexibility

The Mini 4300 is configurable with one to four individually controlled printbars. The system provides single-pass printing in monochrome or process color for a wide variety of production applications, including:

- Addressing
- Coding & marking
- Serialization & package tracking
- Narrow width direct mail imprinting
- Consumer facing coding
- Variable data images
- Demonstrations
- Tickets and cards
- Short notice changes in art/imagery
- Printed electronics
- Deposition of high-value fluids
- Labels

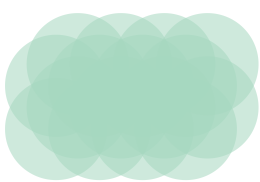


# Technology

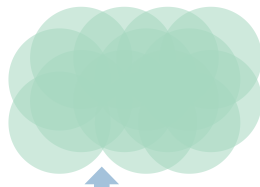


## REDIJET®

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



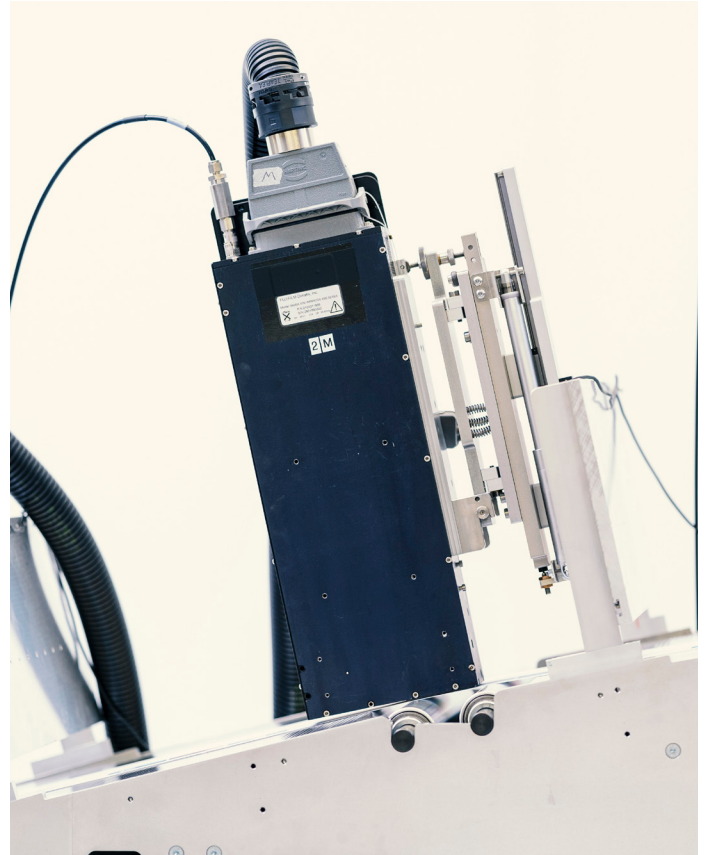
No nozzle out



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.



## Industrial-grade build in a compact size

The Mini 4300 print system is a complete, industrial grade printing system in an ultracompact size of 22.87 in x 7.5 in x 3.6 in (581 mm x 190.5 mm x 92 mm).



## 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                | Specifications                              |                                                          |
|--------------------------|---------------------------------------------|----------------------------------------------------------|
|                          | Print width                                 | Dimensions                                               |
| Printbar Dimensions      | 1.6 in (4.1 cm)                             | 22.87 in x 7.5 in x 3.6 in<br>(58.1 cm x 19 cm x 9.2 cm) |
|                          | Cross process resolution: 1200 DPI          |                                                          |
| Print Speed & Resolution | 300 fpm / 91mpm (Resolution: 1200x1200 dpi) |                                                          |
|                          | 500 fpm / 150 mpm (1200x600 dpi)            |                                                          |
|                          | 700 fpm / 213 mpm (1200x400 dpi)            |                                                          |
|                          | 900 fpm / 275 mpm (1200x300 dpi)            |                                                          |
| Color & Quality          | Monochrome                                  |                                                          |
|                          | CMYK (CMYK to monochrome conversion)        |                                                          |
|                          | 1-bit or 2-bit grayscale printing           |                                                          |
|                          | Native drop size 2.4 pL                     |                                                          |
|                          | Max drop size 13 pL*                        |                                                          |
|                          | Smallest font 2 pt (4 pt knockout)*         |                                                          |

\*results may vary depending on application

| Parameters                     | Specifications                                                             |
|--------------------------------|----------------------------------------------------------------------------|
| Fluid                          | Aqueous - (CMYK and Spot colors) dye, pigment, or hybrid inks              |
|                                | UV - (CMYK and Spot Colors) LED and Hg curable inks                        |
|                                | Solvent - (CMYK and Spot colors)                                           |
|                                | Bulk ink container available in 20L, 210L, and 1000L with level sensing**  |
| Print Controller               | Print queue management using Job Tickets and Hot Folders with RIP software |
|                                | RIP Stream; simultaneous RIP and print                                     |
|                                | RIP-to-TIFFs; jobs are ripped in advance and saved as ready-to-print TIFFs |
| File Format & Page Data Stream | Ready-to-print TIFFs                                                       |
|                                | PDF (including ISO 32000-1 and 32000-2 PDF 2.0), PDF/VT                    |
| Interfaces                     | TIFF; can be generated with included RIP software or off line              |
|                                | Windows® 11 graphical user interface GUI or remote application over IP     |
| Power                          | Universal 110–240 single phase VAC 50/60 Hz                                |

\*\*Availability varies depending on ink and application

## 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!



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