Farbajet™
INKJET MACHINES & INKS

RICOH
(Industrial Grade Print-Heads)

FARBAJET UV FLATBED DIGITAL PRINTING MACHINE

Exceptional UV Printing.
Limitless Substrate Possibilities.

Take your print business to the next level with the Farbajet UV Flatbed Digital Printing Machine—an advanced large-format solution designed for stunning prints across a wide range of substrates. Engineered for high-performance & precision. Farbajet delivers vibrant, printing with high accuracy & durable prints that meet the demands of both indoor & outdoor applications.

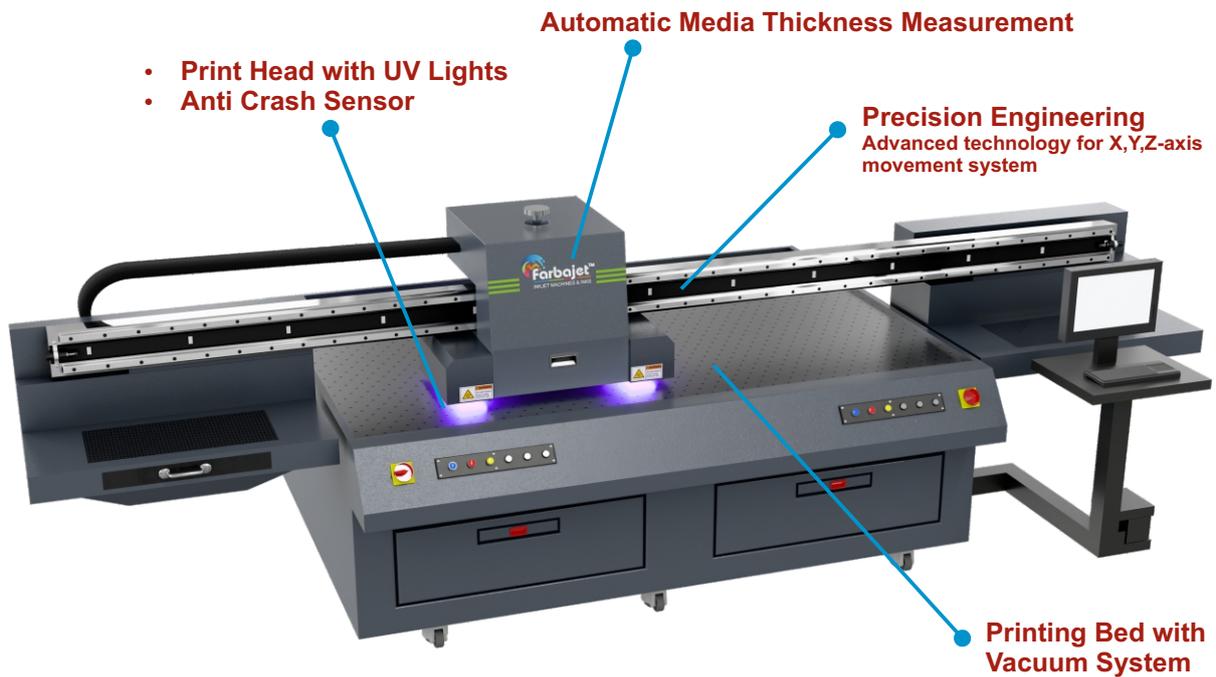C M Y K
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- **Improved Technology**
- **Environment Friendly**
- **Energy Saving**
- **Easy to Use**
- **Customizable Service**
- **Variable Drop**
- **2400 dpi** HIGH RESOLUTION — **2400 dpi Max Resolution**
- **Continuous Printing**
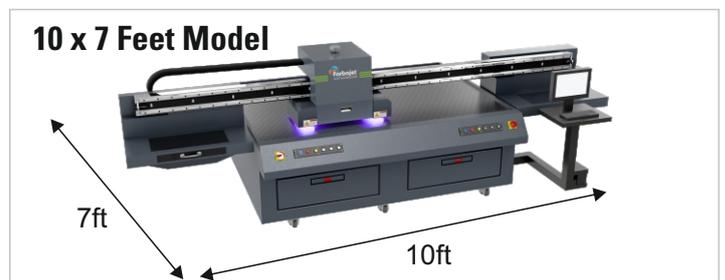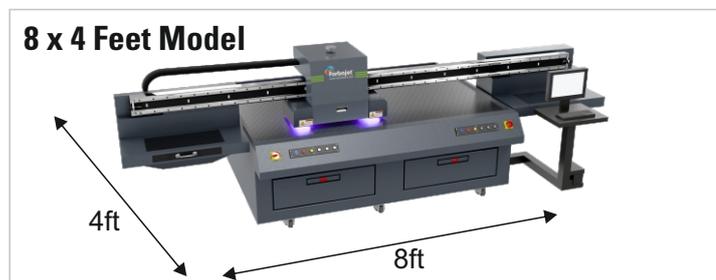
Versatile Printing for Every Business

Whether you're a small studio or a large production house, Farbajet is built to scale with your needs with support for materials up to 100 mm thick, the printer allows you to create premium signage, POS displays, décor, packaging prototypes & industrial applications on:

- Vinyl, Canvas & Textiles
- Acrylic, Glass & Wood
- Aluminium Composite Panels & Steel
- Styrofoam Boards
- Di-bond & Ceramic & more

N.B: Pre-treatment may be required for some substrates.

Automatic Media Thickness Measurement

- **Print Head with UV Lights**
- **Anti Crash Sensor**

Precision Engineering
Advanced technology for X,Y,Z-axis movement system

Printing Bed with Vacuum System

Available Models:

8 x 4 Feet Model

4ft
8ft

10 x 7 Feet Model

7ft
10ft

INDUSTRIAL APPLICATIONS
SAMPLE IMAGES

Polycarbonate

Glass

Laminate

Acrylic

Glass

Aluminium

Wood

Toughened Glass

Glass

MACHINE SPECIFICATIONS

Model		FJ2513-FB-R5	FJ3220-FB-R6
Printing Technology		Piezo-electric on-demand Industrial Printhead with Grayscale Technology	
Print head		RICOH Gen 5	RICOH Gen 6
No. of Print heads		2 to 8 pcs (7-21 picoliter)	2 to 8 pcs (5-15 picoliter)
Printable Area	Size	2.50 m x 1.22 m (8 ft x 4 ft)	3.20 m x 2.0 m (10 ft x 7 ft)
	Height	up to 100 mm / Built-in media height measurement sensor	
Printing Resolution (dots per inch)		up to 2400 dpi	
Ink	Type	LED- UV Curable Ink	
	Capacity	1L- Bulk Ink Refillable System	
	Colors	CMYK + W + V	
	Configuration	(2 Printheads) CMYK	
		(3 Printheads) CMYK + W / CMYK + LcLm / CMYK + V	
		(4 Printheads) CMYK + 2W, CMYK x 2, CMYK + LcLm + W, CMYK + W + V	
		(5 Printheads) CMYK + W, CMYK + LcLm + 2W, CMYK + 2W + V, CMYK + LcLm + W + V	
		(6 Printheads) CMYK + 2W, CMYK x 2 + 2W, CMYK + W + V, CMYK + LcLm + 2W + V	
		(7 Printheads) CMYK + 2W + V	
		(8 Printheads) CMYK + CMYK, CMYK + CMYK + CMYK + CMYK	
Curing & Lamps Life		LED Curing Light (Low heat, environmental protection, energy saving, long life) upto 10k hours	
Data Connectivity / Interface		USB 3.0 / RJ-45	
Media Type		Glass, Acrylic, Wood, Ceramic, Metal, PVC, Plastic, Marble, Laminate, PC, etc	
Power Supply & Consumption		220VAC(±2%) Single Phase, 50/60 Hz	
Consumption		30 Amp / 7.5 Kw	30 Amp / 15 Kw
Dimensions (Printer Only- L x W x H)		4369 x 2032 x 1778 mm / 172 in x 80 in x 70 in	5500 x 2800 x 1400 mm / 217 in x 110 in x 55 in
Weight- Net Weight		1,450 kgs	1,970 kgs
Weight- Gross Weight		1,650 kgs	2,170 kgs
Working Environment		Clean Room / Separated / Dust-free Environment / Well-Ventilated	
Humidity		20% to 60% RH (Non- condensing)	
Temperature		18°C to 24 °C	

Wide Range of UV Ink Options for Diverse Substrates
Farbajet offers specialized UV ink solutions tailored to different materials to maximize print quality & adhesion:

- H & K Series Inks

These inks are tested for color vibrancy, UV resistance & substrate compatibility to ensure optimal performance in demanding environments. However, customers are advised to conduct their own testing on their machine to confirm suitability.

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