



LOGOJET™

FSE90i Printer Specifications

Actual Flatbed Size	24.5" W x 37.5" L
Max. Imprint Size	24" W x 36" L x 6"H
Max. Product Weight	20 kg. / 44 lbs.
Machine Size	61" W x 59" L x 33" H
Installation	Onsite with training included
Power Source	100~120V AC, 50/60Hz or 210~230V AC, 50/60Hz; 660W
Control Panel	14 button interface/LED Display
Vacuum Bed	Built-in
3-Year Warranty	Includes 1 print head
Consumables	cap tops, ink, dampers
Interface	USB 2.0 Interface (1x)
Ink Process	CMYK full color
Ink Type	Edible (<i>Title 21, Kosher, Halal certified</i>)
Bulk Ink Supply	4x 900 mL bottles
Optimized Resolution	720x600, 720x900, 720x1200, (Uni- and Bi-directional options) 720x1800, 720x2400 dpi
System Requirements (PC)	Multi-core CPU, 8GB RAM, 1TB HDD or SSD, Windows 10
Printer Weight	410 lbs
Shipping Wgt/Crate Size	740 lbs ~ 75" L x 63" W x 42" H
Environmental Condition	60~85° F; Humidity 20~80% RH
Cost per Sq. Inch Printed	<\$0.01 (varies with ink settings)
RIP Software	LogoJET Print Pro™ included
2x USB Ports	For RIP key license & printer connection

Print Time Study

Setting	Speed (bidirectional*)	Full bed print time
Production	5.35 m ² /h	6:15 minutes

**Faster print speeds available at draft quality. Printing unidirectional is recommended for dimensional objects and will increase print times.*

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FSE90i
INSPIRA SERIES

**Direct-to-Food
Digital Printing**

LogoJET's award-winning printer platform has been engineered for printing food-safe edible ink directly onto edible products.

Enabling your food customization business with LogoJET's FSE90i opens up opportunities for low cost, short run digital production in the food space. From printed images on baked goods and confectionery, to chargrilled effects on savory foodstuffs, edible inks create incredible opportunities to add value and visual appeal to an unlimited range of food products.

FSE90i

Direct-to-Food Printer

Ink & Production Capabilities

Our edible inks produce excellent image quality, without compromising on production reliability, longevity or performance. They allow for personalization on food items with intricate, colorful designs, while safely complying with food regulatory requirements worldwide.

The FSE90i is equipped with two high-precision print heads, each featuring four ink channels for a total of eight. This dual-channel design allows for each of the CMYK inks to be efficiently utilized, enhancing print speeds while upholding superior image quality. The printer employs water-based, food-grade inks, which are supplied in large 900 mL bottles, significantly minimizing the frequency of maintenance and ink refills. This design is geared towards maximizing efficiency and ensuring consistent quality in food-safe printing applications.

Tailored for industrial applications with maximum output efficiency, this printer incorporates heavy-duty components that stand up to high production demands. The open bed design maximizes equipment utilization by reducing idle time with continuous access for product loading and unloading during print runs.

Open bed concept



Bulk ink system



Award-Winning RIP Software

LogoJET Print Pro™ RIP software, powered by Kothari, is one of the most powerful and versatile RIP software products available.

Features Include:

- ▶ Template Management for Replicable Jobs
- ▶ Edit and adjust artwork from inside the RIP
- ▶ Workflow and Automation
- ▶ Color Management
- ▶ Control dot size to improve imprints on variable surfaces
- ▶ Job Costing – track ink cost and time metrics

Taking edible customization to the **next level.**

FSE90i

- ▶ Imprint area: 24" W x 36" L x 6" H
- ▶ Bulk ink system - CMYK 900 mL bottles
- ▶ Automatic sensor for height adjustment
- ▶ Vacuum bed - holds down lightweight items
- ▶ Interchangeable product trays
- ▶ Award-winning RIP software

