

# knowzzleJet™

## HIGH-SPEED INKJET WEB PRESS

Powered by

**memjet®**

Monochrome and Color

M440 | M660 | M880 | C330 | C660



Print-on-Demand



Roll to Roll



Roll to Sheet



Roll to Fold

(Zig-Zag Stacking)

Powered by

**JETSCI®**  
by Monotech Systems



**PRESSLINE**  
INDIA PRIVATE LIMITED

# PRINT

What you need  
When you need  
How much you need

Staying ahead in business means constantly embracing innovation, and the knowzzleJet™ monochrome and color inkjet web presses embody this ethos perfectly. These presses redefine productivity, delivering unparalleled quality for both text and images. They excel in Variable Data Printing, effortlessly handling full-page variations with precision even at high speeds. Designed to meet the evolving demands of diverse production needs while ensuring cost-effectiveness, these presses elevate efficiency to new heights.

Tailored for Print-on-Demand applications such as books, transactional documents, direct mail, trans-promotional materials, security printing, and customized articles, these presses not only cut costs but also drive profitability to new heights.

## Benefits

<b>Cost Efficiency</b>	Eliminates large print runs, cutting upfront costs and storage expenses.
<b>Flexibility</b>	On-demand printing caters to specific needs and preferences.
<b>Reduced Waste</b>	Printing only what's needed minimizes overruns and unsold inventory.
<b>Quick Turnaround</b>	Enables rapid production, reducing lead times.
<b>Personalization</b>	Includes personalized messages, enhancing engagement.
<b>Scalability</b>	Easily adapts to fluctuating demand without compromising quality.
<b>Enhanced Control</b>	Offers control over content, allowing updates as needed.
<b>Improved Targeting</b>	Customizes messaging for better audience reach.
<b>Streamlined Processes</b>	Optimizes efficiency across the printing process.
<b>Market Responsiveness</b>	Quickly adapts to changing trends.
<b>Enhanced Security</b>	Serialization and microtext printing deter counterfeiters, safeguarding documents and products.

## Advanced Printhead Technology

### Durable and Efficient

The knowzzleJet™ Inkjet Web press combines cutting-edge Duralink® and Duracore® printhead technologies from Memjet, delivering exceptional performance and cost-effectiveness. Duralink® ensures durability and high-quality prints with minimal maintenance, setting a new ROI standard for monochrome printing. Duracore® offers easy replacement, faster speed, impeccable image quality, and extended longevity, expanding market opportunities and enabling swift, economical color printing solutions.

  
Inkjet Technology Partner



# DURALINK<sup>®</sup>

1,600  
DPI

70,400  
Nozzles

5x  
Nozzles Redundancy

Monochrome | Head size: 8.25 inch

# DURACORE<sup>™</sup>

1,600  
DPI

163,840  
Nozzles

2x  
Nozzles Redundancy

Color | Head size: 12.69 inch



## Quality and Productivity

The knowzzleJet<sup>™</sup> delivers exceptional print quality with high-resolution output and remarkable speeds for both monochrome and color.

### Productivity Chart

#### knowzzleJet<sup>™</sup> M Series

Machine Configuration	Resolution (dpi) User Selectable	Speed (Upto)	17 Inch Press A4 Impressions per month	26 Inch Press A4 Impressions per month
DUPLEX	1600 X 580	150 m/min	21 Million	28 Million

#### knowzzleJet<sup>™</sup> C Series

Machine Configuration	Resolution (dpi) User Selectable	Speed (Upto)	13 Inch Press A4 Impressions per month	26 Inch Press A4 Impressions per month
DUPLEX	1600 X 640	65 m/min	6.2 Million	12.4 Million

## Elevated Workflow/RIP Intelligent Solution Platform

The knowzzleJet<sup>™</sup> comes equipped with a high-speed PDF workflow RIP engine by XITRON, enhanced with advanced capabilities to ensure precise and top-notch printing results.



Extremely Fast and Scalable RIP



Highest Image Quality



Intuitive and customizable GUI



Printer Status Display



Variable Data Printing



Color Management with ICC Profiles



Brand and Spot Color Matching



Variable Data Creation Option

Stand-alone application supports variable text, bar code, color, and image data. Built-in imposition and hot folder automation.



API Option

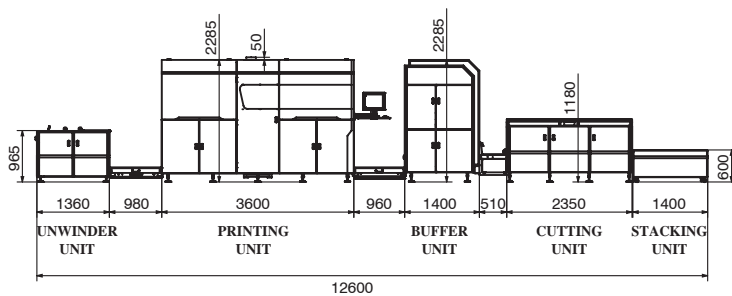
Combine your software tools and user experience with Navigator DFE functionality such as image processing, screening, data splitting, color management, and data delivery to press. Customize the interface using your branding.



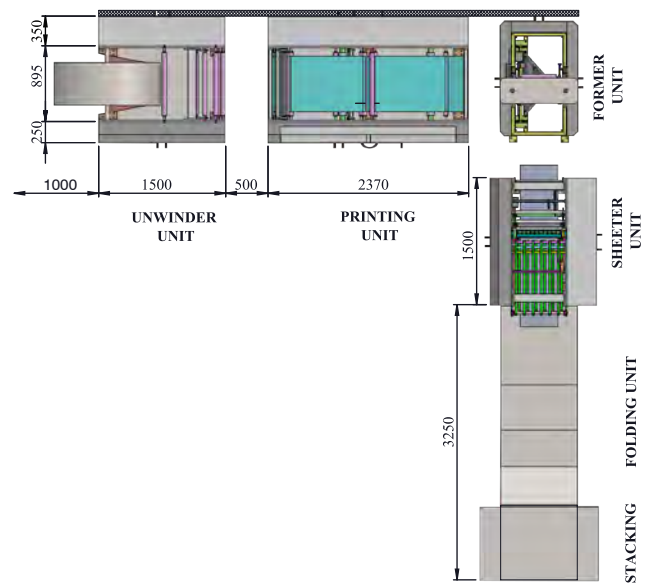
	Monochrome Printing	Color Printing
Models	M440   M660   M880	C330   C660
Inkjet Printhead Technology	Duralink	DuraCore
Print Width	430 mm   647 mm   820 mm	330 mm   647 mm
Printing Options	Simplex/Duplex	
Paper Weight	45 – 150 gsm	
Web Width	17 inch   26 inch   34 inch	13 inch   26 inch
Print Resolutions	580, 790, 920, 1260 x 1600	649, 954 x 1600
Speed (upto)	150 m/min	65 m/min
Ink Type/Color	Water-based Pigment – Black/Color (CMYK)	
Data File	PDF/X Printing Workflow	
Unwind Roll Diameter	Up to 1270 mm	
Configurations	Roll to Roll, Roll to Sheet (Zig-Zag Stacking), Roll to Fold	
Power	Machine - 20 KW, IR - 20 KW, Inkjet - 8 KW*	
Dimensions	Varies as per the selected configuration	
Weight	9750 kg*	

\*Specifications may vary based on selected configuration. All features and performance metrics are subject to change without prior notice.

ROLL TO SHEET (ZIG-ZAG STACKING)



ROLL TO FOLD



Scan for more details



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