



The optimal large character inkjet printer for pulp

Printing on pulp with Diagraph IJ4000



The Advantages of Printing on pulp

- High quality print quality of logos and texts.
- Variable data printing.
- Saves time (no changeover times, bottlenecks in the production process, no need to stop the workflow).
- Cost savings (low ink consumption). A 500 ml bottle of ink will last for approx. 14.000 prints (500 mm long, 100 mm high)

Large-Scale Printing

- Up to 100 mm print height with a single print head. This enables large-scale printing which is the best size for marking pulp.

Two-Sided Printing

- Two print heads allow simultaneous printing on both sides of the pulp.

Centralized smart ink delivery system

- Supply of ink to up to 4 print heads with a max. distance of 15 meters.
- No production stops needed for ink refill or change of print formats.

High Print Quality even in Dusty Surroundings

- An automatic cleaning system on the print head eliminates pulp residues for a stable and optimal print quality.

Industry Leading Ink Throw Distance

- The printer is optimally adapted to the conditions of pulp production, and the printing distance of up to 12 mm prevents dust deposits.

Robust

- The patented construction made of corrosion-resistant steel is extremely resistant to shocks and vibrations of the production line.



IJ Series



Printer	IJ 384E	IJ768E
Print Height	2" (50 mm)	4" (100 mm)
Print Technology	Piezoelectric (Trident)	
Print Speed	up to 60 m / min	
Resolution (vertical/horizontal)	64 × 300 dpi	
Orientation	Straight, Side, Top Down	
Print Throw Distance	up to 12 mm (6 mm Barcodes)	
Measurement Printer (H × B × T)	117 × 67 × 280 mm	161 × 71 × 338 mm
Central Ink Delivery / Controller	for up to 4 printers	for up to 2 printers
Operating Environment	10–40 °C; relative humidity, 10%–80% non-condensing	
I/O	optional I/O board (programmable)	
Auto Codes	Time, Date, Use By, Julian, Count, User Defined, Shifts, Variable Input	
Barcodes	UPC, GTIN, I2of5, 128, Code 39, EAN, UCC, 2D Data Matrix	
Logos	BMP, TIF, JPG, PNG	
Fonts	Arial Standard, True Type Available	
Enhanced Communication	Network Software incl. Database Connection, Direct Via Protocol	
User interface	PC Software	Controller IJ4000 HMI
Measurement (H × B × T)		331 × 196 × 41 mm (Display: 10,2" colour)
User interface	Windows®-Compatible Program, Graphic User Interface (GUI), WYSIWYG Editor	Graphic User Interface (GUI), WYSIWYG Editor
Enclosure		Stainless Steel, IP20
Connectivity	Ethernet	2 × RS 232, 1 × Ethernet, 1 × USB
Memory		512 MB
Ink		
Ink Type	Porous Inks. Black Pigmented for Bar Coding	
Supplies	500 ml & 1000 ml	
Colour	Black, Red, Blue	

Watch our video: Printing on pulp with Diagraph IJ4000 at Mercer Stendal



For more than thirty years, Allen Coding, a Division of ITW, has been at the fore-front of innovation within the coding and marking sector. Allen Coding's products include thermal transfer, hot foil, Hitachi continuous inkjet and laser, Diagraph high resolution inkjet and all-electric labelling technologies.



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