

Add digital print in-line with The DICEbase Monochrome

The DICEbase Monochrome printer is an excellent way to add one-color digital print capabilities. Leveraging the state-of-the-art DICEblade technology this compact digital printer is the perfect size to fit in-line with production lines, converting lines, and existing printing presses. Whether your process is web based or on a conveyor, the DICEbase Monochrome printer's design can work for you. It allows you to add variable data and other information to your products, labels and packaging. The DICEbase Monochrome printer works on almost any substrate.



*DICEbase Monochrome
in maintenance position*



The DICEbase Monochrome printer's compact design easily integrates into any process. A basic configuration includes the following:

1. Printbar with with automatic printhead cleaning
2. Print Engine nest for easy access for maintenance
3. Motorized Precision Printbar Mount
4. Printheads from 400 to 1200 dpi. (User specified)
5. Print speeds from 52m/m (170ft/min) to 120m/m (400ft/min) (Printhead dependant)
6. Ability to run UV and UV-LED curable, solvent based and queous inks (Printhead dependant)
7. Modular Recirculating Ink Supply with Mount, Cables & Controls, supporting Autofill, Autoflush, Temperature & Flow Control
8. Control Rack with Power Supply, Bulk Ink Supply, PC & Software

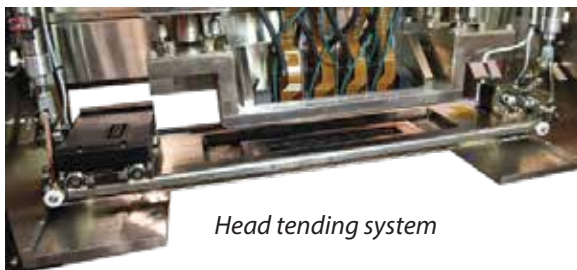
Printheads	Standard DICEbase Monochrome Frame Sizes														
	12.25"			16.00"			19.25"			23.25"			31.00"		
	311 mm			406.4 mm			489 mm			590 mm			787 mm		
	# Heads	Print Width	Rear Offset	# Heads	Print Width	Rear Offset	# Heads	Print Width	Rear Offset	# Heads	Print Width	Rear Offset	# Heads	Print Width	Rear Offset
Fujifilm SG 1024	2	5	2.97	4	10	2.97	6	15	2.12	7	17.5	2.87	10	25	2.97
Fujifilm Samba	4	6.71	2.76	6	10.11	2.76	8	13.54	2.85	10	16.96	3.15	15	25.4	2.7
Xaar 1003	2	5.4	2.76	4	10.8	2.75	5	13.5	2.75	6	16.2	2.87	9	24.3	2.75
Keyocera KJ4	1	4.25	2.75	2	8.5	2.75	3	12.75	2.75	4	17	2.87	6	25.5	2.75
Memjet DL	N/A	N/A	N/A	1	8.5	3.75	1	8.5	3.75	2	17	3.125	3	25.5	2.75

The DICEbase Monochrome features the new patent pending DICEblade technology which includes:

1. Permanent mounts which returns the print bar to the precise in register position each time your move it. Print quality is improved because the print bar can be perfectly placed within microns.
2. The DICEblade is easily and quickly removed for service, This allows complete access to both sides of each printhead, drive electronics and ink supply.
3. A self-contained head tending system that cleans and covers the printheads insuring maximum printhead life and performance while preventing nozzle outs.



Control Cabinet



Head tending system

Specifications

Size	6.5" W x See Chart above L x 45.5" H
Print Speed	Up to 120m/min (400 f/min)
Resolution	400 to 1200 dpi
Ports	Inflow outflow tubes for printheads
Capacities	Head Supply 150 ml, 10 micron filter
Connections	Ethernet Cable, Power Cable
Power	24 V DC
Input/Output Pressure Variation	+/- 0.2 kPA
Control Cabinet	33" W x 40" L x 46" H
Temperature Control Variation	+/- 1 deg C
Printheads	See Chart Above
Inks	UV, aqueous and solvent based