

DATASHEET

Jet-A-Mark Inking Systems for Drop-on-Demand Inkjet

Versatile inking systems for multiple inkjet marking applications.

Matthews offers a wide variety of porous and non-porous inks, small and large capacity systems, with fast startup, ink color changes, rugged construction and reliable performance.

Low Pressure Module (3–5 psi) Standard Series

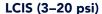
Inking Solutions for Standard DOD Inkjet Printheads

- Two liter capacity; ink and cleaner
- Will drive up to 64 valves
- Fixed pressure



Inking Solutions for Standard & 8000+ Series DOD Inkjet Printheads

- Two liter capacity, ink and cleaner
- Will drive up to 64 valves
- Advanced auto-ranging and auto-frequency
- Optional Low level ink warning indicator, with optional low level ink warning beacon
- Output for low level warning



Large Capacity Ink System

- Low level ink warning signal
- Ink replacement while printers are in operation
- Safer operation, no pressurized containers
- 275 gallon totes



Low Pressure Module 7.80"L x 7.64"W x 9.84"H (198 x 194 x 250 mm)



High Pressure Module 11.30"L x 9.84"W x 16.54"H (287 x 250 x 420 mm)



High Pressure Advanced 8"L x 12"W x 8.6"H (203.2 x 304.8 x 218.44 mm)



LCIS 8"L x 12"W x 8.6"H (203.2 x 304.8 x 218.44 mm)

Flow-Jet

Pigmented Ink Supply System

- Designed to provide high contrast, permanent marks required in the plastics, rubber, steel, wood and building products industries
- Unique re-circulating "through-the-head" system assures reliability with minimal printhead maintenance
- Special diverter system permits continuous production eliminating the need to stop during ink changeovers
- Will drive up to four printheads

Fluid Pump Systems (FPS)

- Up to 4 printheads are supported by a single FPS
- No factory air is needed, eliminating the problem of oil and water system contamination
- Low level ink alarm provides warning
- Inks are refillable without halting production (Advanced model only. Up to 275 gallon totes.)



Cabinet: 6"L x 13"W x 23"H (152 x 330 x 521 mm) 35.5" (851 mm) high with a warning light



15.39"L x 10.82"W x 14.17"H (391 x 275 x 360 mm)

PRODUCT NAME	DESCRIPTION	PRINTHEAD			SUBSTRATE			D	RY TIME
			METAL	PLASTIC	RUBBER	POROUS	OTHER	FAST	MODERAT
JAM 1000 SERIES	General purpose porous	Standard							
JAM 2000 SERIES	Non-porous	Standard							
JAM 3000 SERIES (WBII)	Water base / no VOC / porous	Standard							
JAM 4000 SERIES (FD)	PVC plastic	Standard		14					
JAM 5000 SERIES (FD)	High flash point inks	Standard							
JAM 6000 SERIES PIGMENTED (FD)	Non-porous MEK pigmented	Standard							
JAM 7000 SERIES (QD)	Ketone free / non-porous / fast dry / reodorized	Standard	*						
JAM 9000 SERIES	JAWS Ink / Water base	Standard				•			
JAM BLACK SERIES ALCOHOL INK	Value Line ink / porous applications	Standard							
JAM BLACK SERIES WATER BASED	Value Line ink / porous applications	All							
SCP-300 SERIES INK	Water base, porous	All							
SCP-600 SERIES INK	Non-porous alcohol base	All							
SCP-700 SERIES INK (FD)	Non-porous MEK base	All							
SCP-800 SERIES PIGMENTED	Non-porous MEK base*	All							
SCP-900 SERIES	No-VOC very fast dry - acetone	All							
DPI-150 SERIES (SB)	Drywall low contrast	All				+			
DPI-200 SERIES FAST DRY (MEK)	Non-porous fast dry	All							
DPI-400 SERIES QUICK DRY (EA)	Non-porous quick dry	All							
	CAPACITY	# VALVES						PRESSURE	
HIGH PRESSURE MODULE	1 liter (.26 gallon)	ter (.26 gallon) 64						Internal pump	
LOW PRESSURE MODULE	1 liter (.26 gallon)	64						Internal pump	
LCIS	4 liter to 208.2 liter (1.06 gallon - 55 gallon); 1,04	gallon); 1,040 liter (275 gallon) 128						Air pump	
FLOW-JET	4 liter to 18.93 liter (1.06 gallon - 5 gallon) 128						Internal pump		
FPS	1 Liter to 208.2 liters	128						Internal pump	

Blended Formulations: Rubber Curable, Non-Transferring, Incidental Food Contact, Water Removable, Alkali Removable, UV Fastness, Security/Traceable, UV Readable, Fluorescent Dye, Non-Settling Pigments, Oil Penetrating

