

Jet-A-Mark® INKING SYSTEMS FOR DROP-ON-DEMAND® INK-JET

Versatile inking systems for multiple, ink-jet marking applications.

- Wide variety of porous and nonporous Matthews inks
- Small and large capacity systems
- Fast startups and ink color changes
- Rugged construction with reliable performance



Low Pressure Module (3-5 psi) - Standard Series

High Pressure Module (3-20 psi) - Standard & 8000 Series
Inking Solutions for Standard & 8000 Series DOD Ink-Jet Printheads

- Two liter capacity; ink and cleaner
- Will drive up to 64 valves
- Optional low level ink warning (High Pressure Module only)



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 (3-20 psi)

Inking Solutions for Standard & 8000 Series DOD Ink-Jet Printheads

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



15.84" L x 12.51" W x 8.4" H
(402 x 317 x 213 mm)

LCIS (3-20 psi)

Large Capacity Ink System

- Low level ink warning signal
- Ink replacement while printers are in operation
- Safer operation, no pressurized containers
- 55 gallon container capacity
- Will drive up to 128 valves



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

J.A.W.S. (3-20 psi)

Just Add Water System

- One centralized ink supply
- Can be placed up to 500 ft from printheads
- J.A.W.S. concentrate makes up to 5 gallons of ink from a single bottle
- Supplies ink for up to 20 printheads
- Non-flammable and environmentally friendly
- Low level ink warning signal



8.25" L x 18" W x 23.75" H
(209.5 x 457 x 603 mm)

Matthews
INTERNATIONAL
BRAND SOLUTIONS

Matthews Marking Products

Ink-Jet Printing • Contact Printing • Indenting • Etching • Inks • Integrated Solutions

DROP-ON-DEMAND

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



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

Fluid Pump Systems (F.P.S.)

- 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



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

PRODUCT NAME	DESCRIPTION	PRINthead	SUBSTRATE				DRY TIME	
			METAL	PLASTIC	RUBBER	POROUS	OTHER	FAST
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		•		•	•	
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	Standard				•		•
SCP-300 SERIES INK	Water base, porous	8000				•		•
SCP-600 SERIES INK	Non-porous alcohol base	8000	•	•	•		•	•
SCP-700 SERIES INK (FD)	Non-porous MEK base	8000	•	•	•		•	
SCP-800 SERIES PIGMENTED	Non-porous MEK base*	8000	•	•	•		•	
SCP-900 SERIES	No-VOC very fast dry - acetone	8000	•	•	•		•	
DPI-150 SERIES (SB)	Drywall low contrast	8000				•		•
DPI-200 SERIES FAST DRY (MEK)	Non-porous fast dry	8000	•	•	•		•	
DPI-400 SERIES QUICK DRY (EA)	Non-porous quick dry	8000	•	•	•		•	
PX-170 BLACK SB INK	General purpose porous	Standard & 8000				•		•
PX-370A BLACK INK	HAPS free / water base / porous	Standard & 8000				•		•
PX-470 BLACK INK (FD)	Fast dry for packaging applications	Standard & 8000	•	•	•		•	
PX-670 BLACK INK	Non-porous for packaging applications	Standard & 8000	•	•	•		•	
	*requires some maintenance							
	CAPACITY		# VALVES		PRESSURE			
HIGH PRESSURE MODULE	1 liter (.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)		128		Air pump			
FLOW-JET	4 liter to 18.93 liter (1.06 gallon - 5 gallon)		128		Internal pump			
J.A.W.S.	18.93 liter (5 gallon)		128		Water pressure			
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

www.matthewsmarking.com

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*Ink-Jet Printing
Contact Printing
Indenting
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Inks
Integrated Solutions*



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