

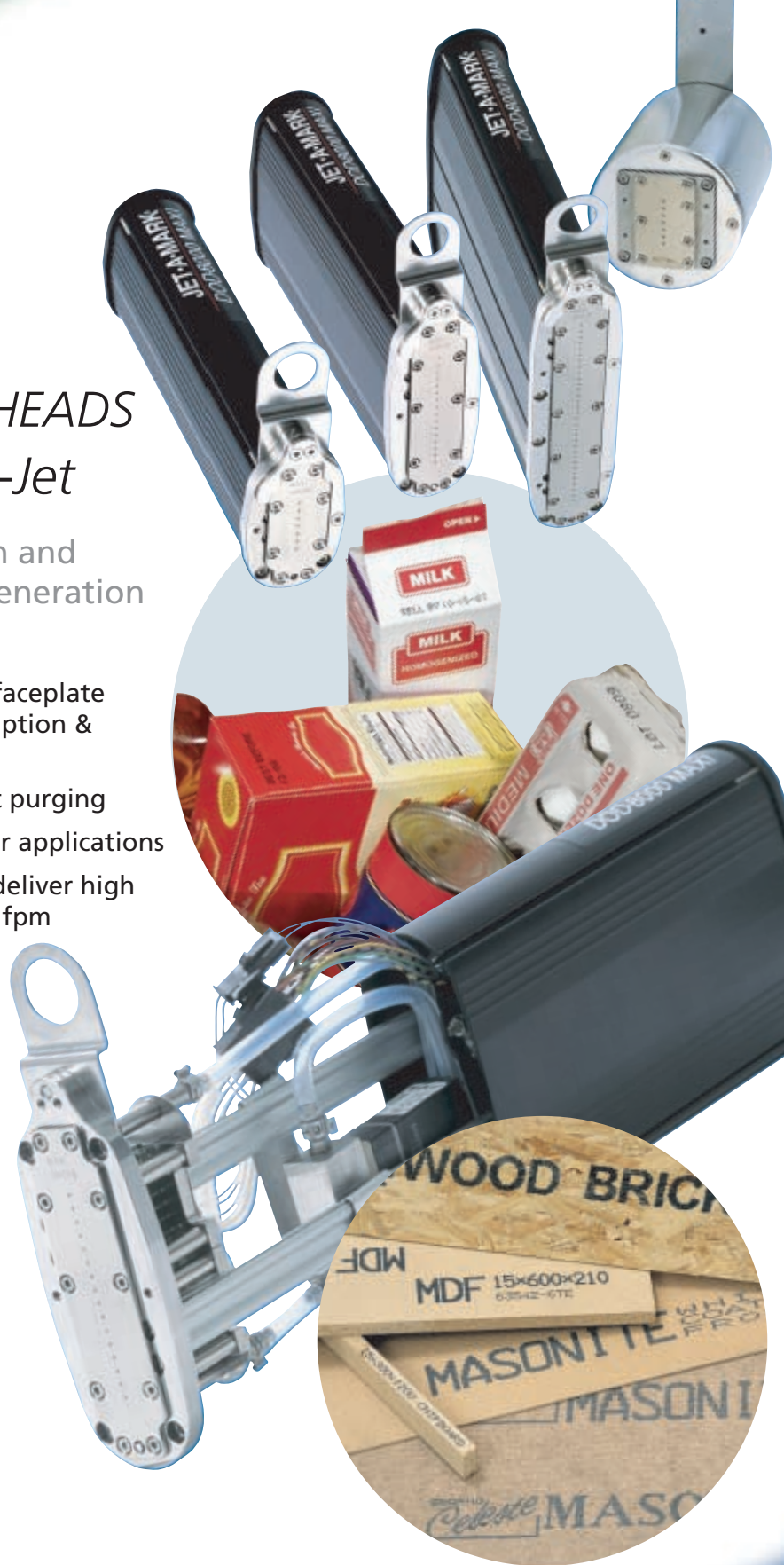
Jet-A-Mark® 8000 SERIES PRINTHEADS Drop-on-Demand® Ink-Jet

Experience low ink consumption and increased reliability with next generation ink-jet printheads.

- Precision jewels set in a stainless steel faceplate provide dramatically lower ink consumption & cost per code
- Fast start-up and color change without purging
- Wide variety of ink types to match your applications
- Exclusive electronics and valve design deliver high quality prints at line speeds, up to 780 fpm

Matthews DOD technology has a performance record of solving the most challenging, industrial and packaging coding applications. Our new 8000 Series printheads deliver low ink consumption with high print quality and improved speeds.

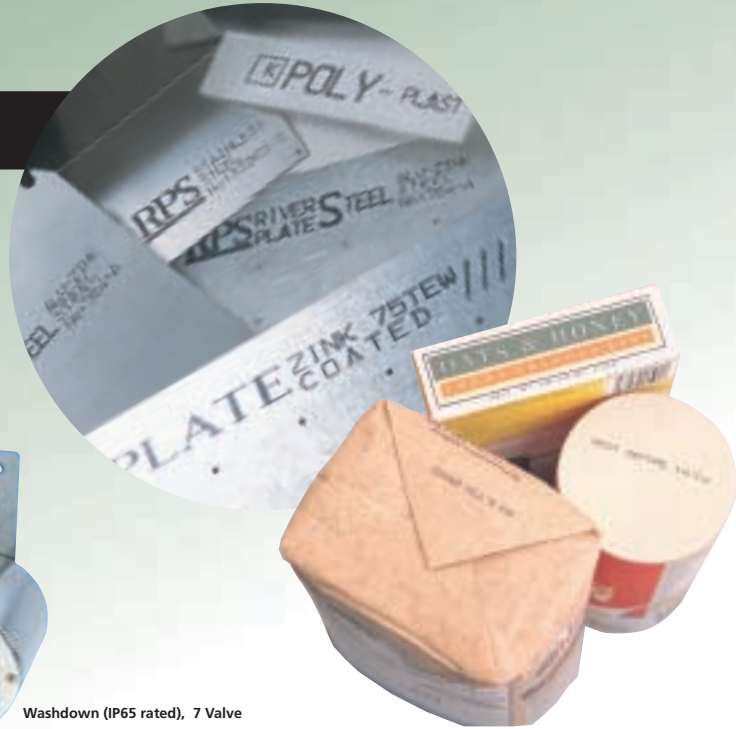
Find your recommended solution by selecting the printhead for your application. With up to twelve choices, we're certain to have a solution to meet all your identification needs.



Matthews Marking Products

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

DROP-ON-DEMAND



8000 Series, 7 Valve

8000 Series, 16 Valve

8000 Series, 32 Valve

Washdown (IP65 rated), 7 Valve

8000 SERIES PRINTHEADS

	PRINTHEAD TYPE	MIN. CHAR. SIZE	MAX. CHAR. SIZE	MAX. SPEED ⁽¹⁾	MAX. PRINT DISTANCE ⁽³⁾	3-WAY VALVE ⁽⁵⁾	DIMENSIONS
8000 Maxi	8000 7-Valve	1/4" (6.35 mm)	1 1/4" (31.75 mm)	780 fpm ⁽¹⁾ /3.96 mps	1/2" (12.7 mm)		7.52" L x 1.68" W x 4.84" H (191 x 42.7 x 123 mm)
	8000 16-Valve	1/4" (6.35 mm)	2 1/2" (63.5 mm)	780 fpm ⁽¹⁾ /3.96 mps	1/2" (12.7 mm)	Yes	7.48" L x 1.73" W x 6.26" H (190 x 44 x 159 mm)
	8000 32-Valve	1/4" (6.35 mm)	5" (127 mm)	780 fpm ⁽¹⁾ /3.96 mps/	1/2" (12.7 mm)	Yes	7.48" L x 1.73" W x 8.80" H (190 x 44 x 223.4 mm)
8000 Midi	8000 7-Valve	3/16" (4.76 mm)	1 1/4" (31.75 mm)	400 fpm ⁽²⁾ /2.03 mps	1/2" (12.7 mm)		7.52" L x 1.68" W x 4.84" H (191 x 42.7 x 123 mm)
	8000 16-Valve	3/16" (4.76 mm)	2 1/2" (63.5 mm)	400 fpm ⁽²⁾ /2.03 mps	1/2" (12.7 mm)	Yes	7.48" L x 1.73" W x 6.26" H (190 x 44 x 159 mm)
	8000 32-Valve	3/16" (4.76 mm)	5" (127 mm)	400 fpm ⁽²⁾ /2.03 mps	1/2" (12.7 mm)	Yes	7.48" L x 1.73" W x 8.80" H (190 x 44 x 223.4 mm)
8000 Mini IP65 7-VALVE PRINTHEAD AVAILABLE FOR WASHDOWN APPLICATIONS. ⁽⁴⁾	8000 7-Valve	3/32" (2.38 mm)	1 1/4" (31.75 mm)	400 fpm ⁽²⁾ /2.03 mps	1/4" (6.35 mm)		7.52" L x 1.68" W x 4.84" H (191 x 42.7 x 123 mm)
	8000 16-Valve	3/32" (2.38 mm)	2 1/2" (63.5 mm)	400 fpm ⁽²⁾ /2.03 mps	1/4" (6.35 mm)	Yes	7.48" L x 1.73" W x 6.26" H (190 x 44 x 159 mm)
	8000 32-Valve	3/32" (2.38 mm)	5" (127 mm)	400 fpm ⁽²⁾ /2.03 mps	1/4" (6.35 mm)	Yes	7.48" L x 1.73" W x 8.80" H (190 x 44 x 223.4 mm)
Controllers	8400e, R44e, SX32e, V84, V80i						
Inks	Water Based, Water Fast, Alcohol (n-propylene, isopropylene, ethanol), Ethyl Acetate, MEK, Acetone, Pigmented						

(1) At 1.8 mm spacing (2) At 1.0 mm spacing (3) At <200 fpm (4) IP65 3.4" Dia. x 5.2" L (87.5 x 132.0 mm)
 (5) Unique 3-way valve enables you to quickly purge solvent, minimizing maintenance and downtime

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 Contact Printing
 Indenting
 Etching
 Inks
 Integrated Solutions*

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6515 Penn Avenue, Pittsburgh, PA 15206 (412) 665-2500 • Fax: (412) 365-2042
 Gamlestadsvägen 8, S-415 02 Göteborg, Sweden (46) (31) 338 7900 • Fax: (46) (31) 84 51 17

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Distributor Info:



Automated Marking, Labeling & Packaging Systems
 8785 Ag Park Drive North
 Batavia, NY 14020
 Tel: 1-800-627-5832 | Fax: 585-344-4109
www.marktecprods.com