

Jet-A-Mark®

DOD 8400

Large & Small Character Ink-Jet



High quality marks at fast speeds

Easier startup after production line stop

Windows-like display with intuitive help

Reliable & flexible for industrial environments

The DOD 8400 is Matthews' new small and large character ink-jet printer, perfect for in-line marking of one to five lines, at speeds up to 780 fpm. Designed to achieve more uniform, higher-quality marks at faster speeds, the 8400 is certain to be our most reliable system to date.

Available with a wide selection of printheads, the 8400 offers flexible & simple operation. All 8000 series printheads are enhanced with a revolutionary, slim-line enclosure that facilitates easier installation and a higher industrial protection rating. Our proven Drop-on-Demand™ technology has achieved reliable operation, even during extended down time, while providing exceptional performance.

Recommended for both porous and non-porous substrates, the DOD 8400 provides high quality, reliable printing on many materials including plastics, metals, packaging, wood, building materials and galvanized steel, with dye or pigmented ink formulations.



Matthews

...a tradition of quality since 1850



Visit us on the internet to download complete specs, dimensional drawings, and much more.

matthewsmarking.com

JET·A·MARK®

DOD·8400

Performance

Print speed: Up to 780 fpm (240 m/min)

Print formats (built-in functions):

Graphics, variable text position, bold, light, Inverse, standard Julian date formats, realtime clock, automatic daylight savings time, delay function, repeat print, up/down counters, alphanumeric and shift codes, upper and lower case characters, industrial barcodes.

Print heads

Types: 7, 16 or 32 valve 8000 Series print heads

Print heights:

7 v: 0.2"-1.1" (5-28 mm), 1 line.

16 v: 0.2"-2.5" (5-64 mm), 1-2 lines

32 v: 0.2"-5" (5-128 mm), 1-5 lines

Print distance: Up to 1" (25 mm) depending on print speed

Control Unit

Universal user interface for small & large character printing systems. Available with or without built-in keyboard. Available with IP class 42 or 54.

Message storage: Dynamic memory, up to 400 characters per line of text, up to 200 messages. Maximum 200 kB.

Electrical: 115-230 VAC, 50-60 Hz available.

Dimensions (LxWxH) and weight:

12.8"x13.4"x8.5" (325x340x217 mm),

16.5 lbs (7,5 kg)

Matthews International Corporation continually improves products. The right, therefore, is reserved to alter the design and/or specifications without giving prior notice.



Matthews

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Sold and Distributed Worldwide

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Communications

Serial interface: RS232

Code: 7 or 8 bit with 1 or 2 stopbits;
ISO 8859-1; ISO 8859-2; UTF-8

Baud Rate: 1,200-19,200, Xon/Xoff, CTS/RTS

Interface logic: MATTCOM™ serial interface programming language for adapting the serial protocol to various equipment.

Ink Systems

1/4 USG (1 liter),

1 USG (4 liter),

5 USG (19 liter) and

55 USG (208 liter) for all inks.

Keyboard

Display: 1/4 VGA 320 x 240

pixel graphical display,
monochrome with
back-lit display.

Operating

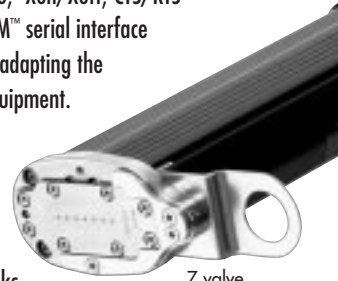
Environment

Temperature: 32 - 113°F (0 - 45°C)

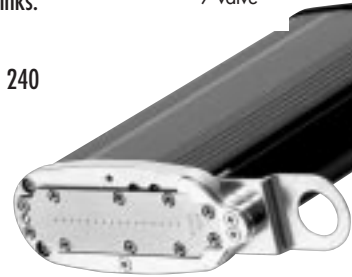
Humidity: 10-95% non-condensing

Options

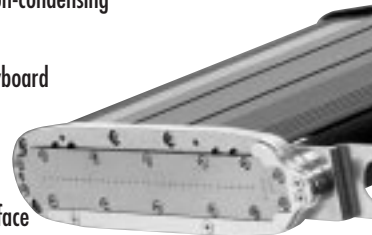
- Remote hand-held keyboard
- Speed encoder
- Photocell
- Optional IP rating
- Computer or PLC interface
- Custom logos and stacking printheads
- Customized mounting structures
- Printer stand
- EasySelect software upgrade
- Touch-screen interface
- Windows CE interface



7 valve



16 valve



32 valve

