



J-Pak Technology Guide



Drop-on-Demand Printer **DOD**



Matthews Marking Systems™
V-Series
 Including The Mperia Controller

Coding & Marking Equipment 




Matthews Marking Systems™
DOD Solution
 Coding & Marking Equipment • Drop-on-Demand



What is Drop-on-Demand^{DOD}?

A drop-on-demand inkjet printer is a type of labeling system whose printing heads eject discontinuous droplets onto the printing substrate to produce the image by means of the heat-induced explosion of ink bubbles - e.g. in bubble jet printers and thermal inkjets

Less Ink Consumption Exceptional Barcode Readability

Savings On Labels & Pre-Printed Boxes & Packages



7,16,32 Valve DOD Robust Printer - up to 240 m/min for high-speed productions

The V-Series is ideal for both large character and small character, low-resolution marking with the capability to stack printheads for very large logos and graphics. Flexible mounting over, under, or beside the production line allows for seamless integration into your production line. These features, combined with its rugged design, make the V-Series ideal to meet the demands of extreme environments such as building products, steel, lumber, tire, and other challenging industries



What The Print Looks Like

Ideal For These Applications



No more label machine jams or pre-printed box changes stopping your production line. Our low-maintenance direct carton printers pair with MPERIA for easy message changes without the downtime. High-resolution quality and spot color for barcodes and graphics produce clean, highly visible marks, even on darker substrates. Whether you're currently using labels or pre-printed boxes, switching to direct carton marking is significantly cheaper. Free up warehouse space, reduce downtime, cut labor costs and reduce material costs by marking directly on the package

Key Benefits

- Lower Cost
- Improve quality
- Decrease downtime
- Fast Printing

Available Options	Matthews 7V	Matthews 16V	Matthews 32V
Character Size	From 4.76mm - 31.75mm	From 4.76mm - 64mm	From 4.76mm - 127mm

More Incredible Technology
from the J-Pak Matthews Thermal InkJet Printers

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011-825-0300

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