

J-Pak Technology Guide 2022



DOD- Drop-on-Demand

Matthews Marking Systems™ **7V** 1-Line Big Drop Text Printhead **+ Mperia Controller**



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



CE Certified

7Valve 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 print-heads 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



Carton



Paper



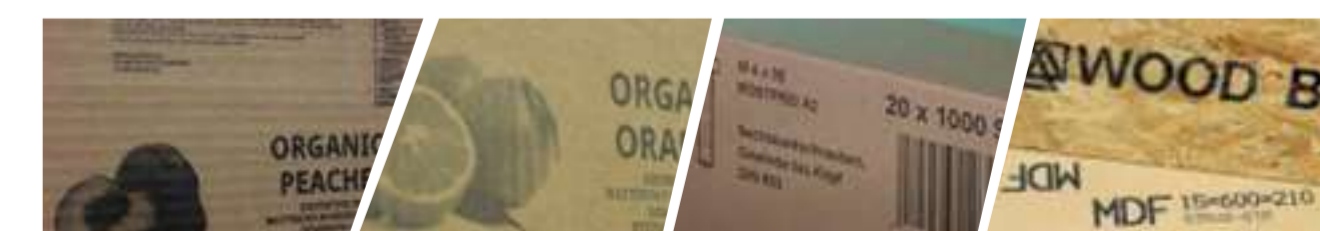
Wood

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

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



See this technology in action the video on our website