

Wood Panel Barcoding

VIAjet™ L-SERIES HIGH RESOLUTION THERMAL INKJET PRINTERS POWERED BY MPERIA®

Engineered Solutions



CRISP, READABLE BARCODES ON YOUR ENGINEERED WOOD PRODUCTS

Manufacturers of engineered wood products (oriented strand board - OSB, plywood, medium density fiberboard - MDF) are typically required by retailers to have a barcode on their product when selling in retail establishments.

Problem: Adhesive Labeling

- + Fines for unlabeled or mislabeled products
- + Labels don't adhere: dusty boards, dusty environment, and product abrasion
- + Bottom line impact: preprinted label costs, label applicator equipment maintenance, stocking/storing labels
- + Production line downtime: operators taken away from duties to swap label stock



Solution: L-Series Barcoding

- + Direct marking removes risk of unlabeled product on retailer shelves
- + Clear, crisp barcodes with the ability to add branding, company info, QR codes, and more
- + Positive impact on the bottom line: no labels to purchase or store and no downtime in replacing label stock



Typical Application Parameters

- + Typical line speed: 100 - 400 fpm (30 - 122 mpm)
- + Temperature: 55° - 95° F (13° - 35° C)
- + Typical Pieces/Min: 40 to 100
- + Ink: LS-4101 (Bulk Ink)
- + Marking Area Height: ½" to 4"; typically 2"



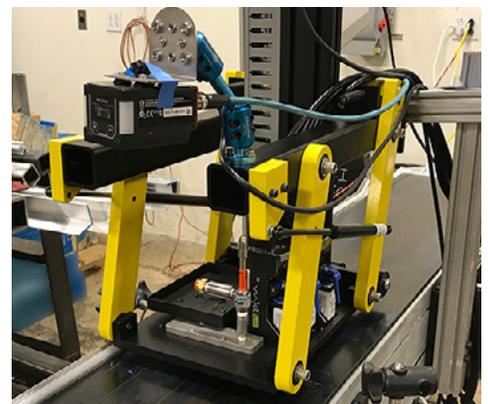
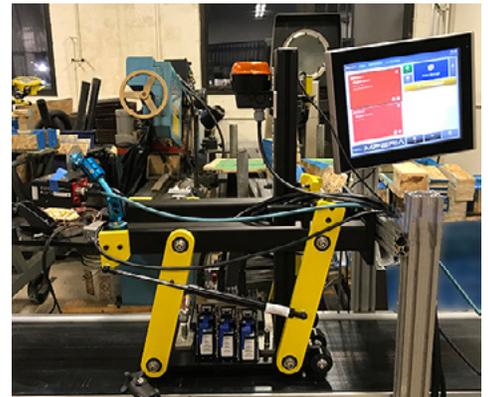
Barcode Marking Advantages - VIAjet™ L-Series

- + Reliable barcodes each and every time, no risk of labels falling off
- + Substantial cost savings in direct barcode application
- + Reduced inventory management with no labels to order, store, or replace
- + Easily add quality tracking with unique product information
- + Add branding and marketing with logos, QR codes and graphics
- + Seamlessly integrate PLC systems as well as I/O integration and built-in ink consumption calculation
- + Increase productivity and efficiency: engineered wood is directly marked, no rework caused by missing labels or line stoppage to replace label stock

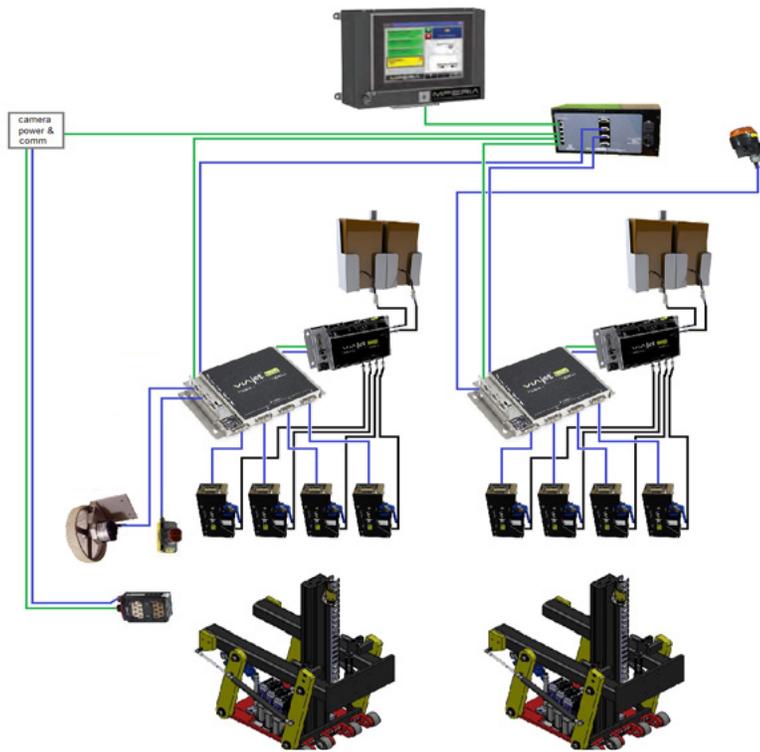


Barcoding Options to Consider

- + Easily add additional marking equipment for printing nail lines, regulatory marks and more with the scalability of MPERIA®
- + Seamlessly integrate both Allen Bradley PLCs and non Allen Bradley PLCs
- + Binary message selection (PLC I/O) is incredibly straight forward with the intuitive user interface of MPERIA®
- + Vision solutions ensure accurate coding while laser encoders offer unmatched marking precision
- + MPERIA® handily facilitates production reporting
- + Ensure your marking surface is clear of debris with an air knife
- + Remove installation headaches with mounting bridges, arms, or racks for all equipment



Solution Schematic



Related Solutions



Unit/Stack Inkjet Stencil



Regulatory Marking



Matthews Marking Systems is a global supplier of marking and coding solutions for product identification, branding, and traceability. Our customers trust us to help them achieve increased productivity while driving bottom line improvement with reliable systems for any application. With over 160 years of marking and coding experience, we've established a global reputation as a premier innovator helping customers succeed in industrial and consumer goods packaging industries.