MD-3000
Fast labelling of items, boxes & trays

The MD-3000 is Zetes' fast item labelling machine. The MD-3000, compact in design, is steered by an industrial controller capable of exchanging data between all the components of your packaging line. Designed and built in-house by Zetes, the MD-3000 is the most efficient machine of its kind.

The MD series has been designed to meet the need for fast integration on packaging lines. Proven features deliver efficiency and ease of use in industrial environments. A modular approach with a wide range of configuration possibilities, result in minimal intervention time and consequently maximal productivity.

Key benefits

Productivity

- Productivity gains due to a fast and easy installation of consumables (less than 60 seconds)
- Industrial print-engine with easy access for rapid print head change
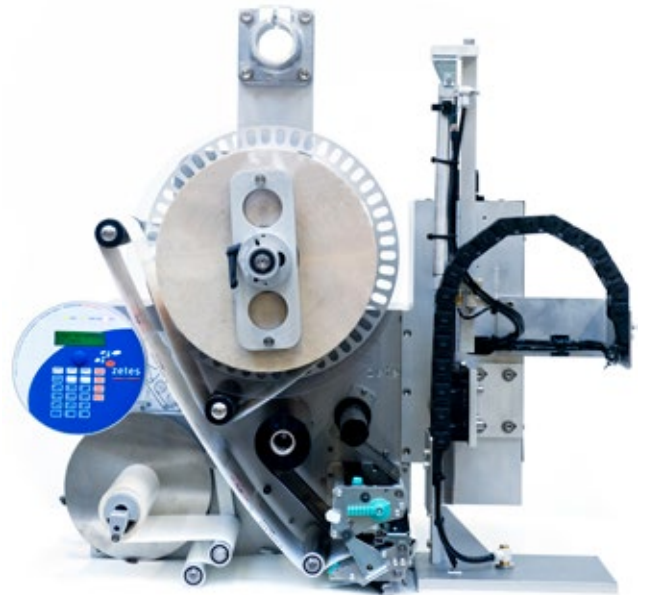- Wide range of applicators designed for demanding industrial requirements

Traceability

- Compliant to GS1 requirements (barcode, grade)
- 100% barcode readable warranty (with barcode reader option)
- Increased data accuracy with ZetesAtlas integration

Efficiency

- User-friendly interface with system status alerts
- Print & apply rates up to 55 labels / minute (depending on label size and data quantity)
- Speed-up production order launch and increase OEE* with ZetesAtlas integration

* OEE: Overall Equipment Effectiveness

zetes
IDstation

MD-3000 specifications

Print features

- Integrated print engine
- Thermal transfer, thermal direct
- Maximum print speed: 300 mm / s
- Linear and 2D barcodes supported

Mechanics & electronics

- Power: 240 VAC, 50 Hz, 5 A
- Pneumatics: Festo, SMC, 6 Bar compressed air

Dimensions

- L x W x H: 600 x 400 x 600 mm
- Unwinder: Inner: 40 / 76 mm - Outer: 350 mm
- Weight: +/- 35 kg

Applicators

- Blow, tamp, wipe, tamp & blow
- Side & front applications, corner wrap

Communication

- Ethernet / Wifi
- Various I/O's available
- Input: Output:
  Start print   On-line
  Start apply process End of cycle

Labelling possibilities

Irregular surfaces

Sensitive packages

Boxes

Bags

Cylindrical objects

ZetesAtlas Ready

All Zetes' ID stations (MD series) are programmed to integrate directly with the ZetesAtlas Packaging Execution Solution. Connected to the ERP or MES, ZetesAtlas guarantees industrial effectiveness of your packaging processes and 100% data accuracy.

By combining automation and data processing, it ensures a total piloting of all tools (marking, weight, control, packaging ...). ZetesAtlas is the only agnostic PES on the market.

Scan the QR code
and find out more about ZetesAtlas.

About Zetes

Leveraging more than 30 years of experience in labelling solutions combined with in-depth supply chain process understanding, Zetes' research department has designed the MD series to help multinational and mid-sized companies maximise efficiency on their packaging lines. From the analysis of the needs through to project implementation and responsive services and support.

Supplies

Don't forget your labels and ribbons. To ensure optimal performance of your machine, contact us for the best-fitted supplies.