Identification and Traceability Solutions

MOINSA

Conveyor with Barcode Scanning

A system composed of a conveyor equipped with barcode readers, continuously identifying packages without human intervention. The system **captures the data** from each barcode and transmits it to the corresponding management software, **streamlining inbound**, sorting, or dispatch processes.

Faster, fewer errors, total controll

System Benefits

• Tracking and traceability.
• Reduction of human errors.
• Detection of mislabeled products.
• Easy integration (ERP, WMS).

Technical Data

• Conveyor speed: approx. 1 m/s.
• Minimum distance between packages: 25 cm.
• Maximum package size: 800 x 500 x 1,000 mm.
• Integration with ERP/WMS: Webservice (SOAP). and API REST (JSON).

MOINSA

RFID Portal for Forklift Passage

Turn your docks into smart control points

The RFID reading gate automatically **identifies each forklift** and its load as it passes through, without stopping. The captured data is transmitted **in real time**, enabling efficient control of goods flow, traceability, and reduced operational errors.

▉ System Benefits

• Instant identification without interrupting internal logistic flows, eliminating the need for manual barcode scanning.
• Integration with WMS/ERP systems, allowing real-time inventory updates.

▉ Technical Data*

• Gate dimensions: 2,500 x 3,000 mm.
• RFID controller: Manages RFID readings with real-time data display and error management.
• Handheld terminal MC33: Included in the solution.
• Integration with ERP/WMS: Webservice (SOAP) and API REST (JSON).

For more technical details, please refer to the specific Moinsa RFID Gate datasheet.

RFID Tunnel for Hanging Garments

Mass, contactless reading, garment by garment
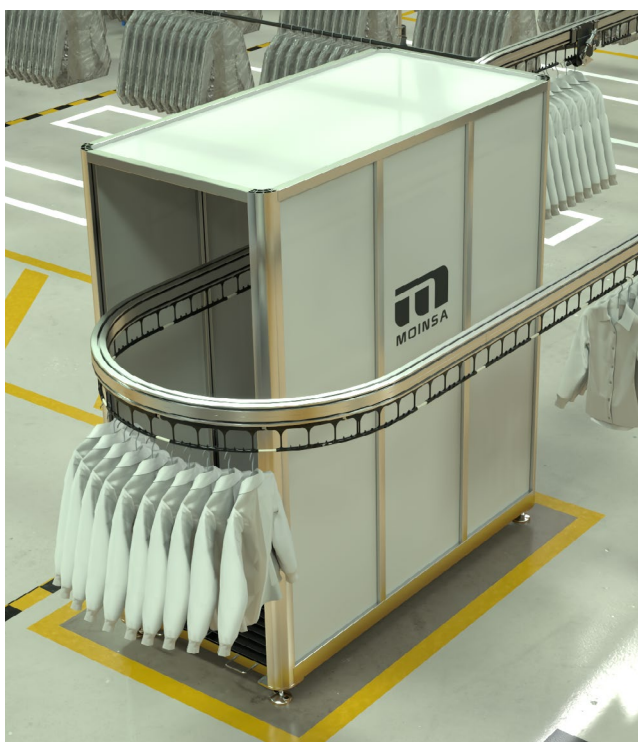
Fast, automatic, and error-free identification of garments on hangers. The information captured from each RFID tag is sent in real time to the management software, facilitating processes such as **inbound control, classification, traceability**, and dispatch, all without manual intervention.

▉ System Benefits

• Mass reading and logging of garments.
• Validation of garments with orders and specs before storage.
• Automatic classification, assigning garments to specific zones.
• Integration with ERP/WMS, updating data in real time.

▉ Technical Data*

• Dimensions: (Width x Length x Height) 1000 x 2000 x 2500 mm.
• Transport speed: up to 1 m/s.
• Minimum distance between batches: 400 mm.
• Minimum tag spacing within batch: 5–10 mm.
• Maximum number of tags per batch: 100.
• RFID controller: Real-time data display and error management.
• Integration with ERP/WMS: Webservice (SOAP) and API REST (JSON).

For more technical details, please refer to the specific Moinsa RFID Tunnel datasheet.