

CMV

TUBE MARKING & VERIFICATION



High quality
High efficiency

TECNOTAU
AUTOMATION ENGINEERING

System Overview



- Tube laser marking system with vision system verification.
- Multiple tube format system. Format changes in less than 1 minute.
- High speed operation with high efficiency.
- User-friendly operation software.

System Configuration

- Belt conveyor tube feeding system
- Tube format adjustment
- Marking device
- Vision device
- Rejection system
- Box filling system
- Operation software

Product Highlights

- Flexibility
- Easy- to-use
- High quality results
- Reliable and industrial

System Overview

Belt Conveyor

- Belt conveyor feeding with rejection system.



Tube Format Change

- Tube adjustment in less than 1 minute .
- No tools needed.
- Format adjustment controlled by software.

Laser Marking Device

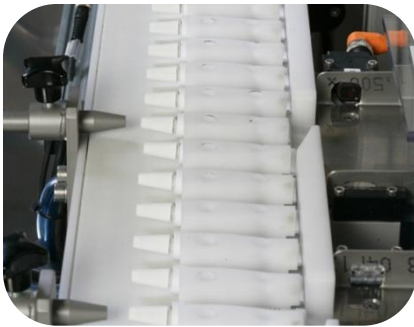
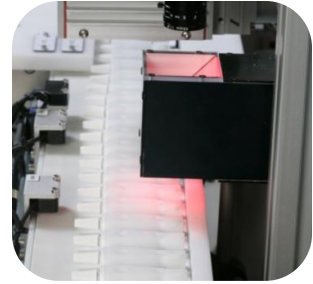
- High resolution
- Wide range of settings to adapt results to needs.
- Excellent beam quality creates thin marking lines .
- Marking up to 3 lines of 15 digits.
- Marking numbers and letters at a minimum length of 1,2mm x 1,2mm.



System Overview

Vision System

- Marking verification through vision system.
- High speed verification.
- OCR alphanumerical recognition.



Rejection System

- Air rejection system
- Two rejection boxes.
- Access to rejection boxes without stopping the machine.

Box Filling System

- Two box buffer.
- Software controlled automatic box change.

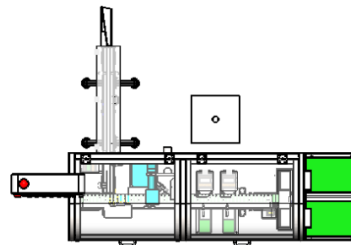
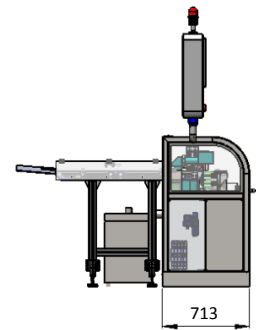
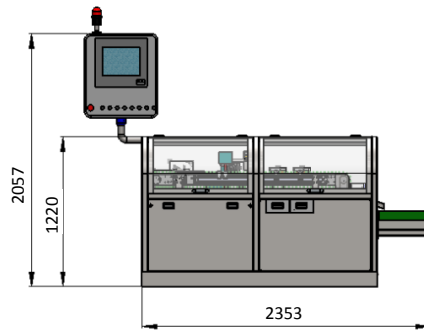


Operational software

- 19" Touch-screen.
- Easy-to-use software
- One software controls the marking and vision system.
- Multiple marking possibilities.

System Specifications

- Dimensions

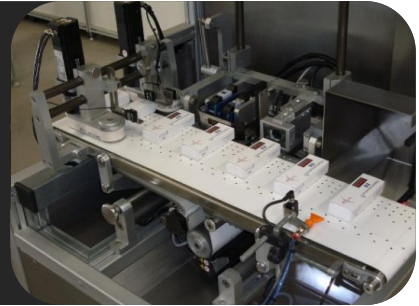


- Weight.....425Kg
- Noise level.....74dB
- Environment and power supply:
 - Power supply.....380VAC(3Ph+N)
 - Consumption.....10Kw
 - Operating temperature.....15-35°C
 - Humidity.....80%
- Laser specifications:
 - Type.....CO₂
 - Power.....30W
- Vision specifications:
 - Type.....Cognex In-Sight (others on demand)

Easy operation
Easy-to-use

Other Products

CMV Carton Boxes Marking
& Verification



Buffer & Feeding Systems



Conveying Systems



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