

INSPECTION OF THE CORRECT CRATE LOAD - EXAN CRATES



EXAN CRATES
Marien Getränke GmbH, Germany

USE

- inspection of the correct crate load
- performance output up to 3.000 crates/hour

DESCRIPTION OF FUNCTION

- the equipment is controlled using a SIEMENS S7-200 system
- inspection of crates is conducted using a camera system
- elimination is conducted using the pneumatic eliminator - "Push" system, on the lay-by eliminating conveyor belt
 - alternatively, the elimination point can be signalled or
 - conveyance can be stopped for each incorrectly loaded crate
- components used:
 - Omron optic sensors
 - Hoerbiger pneumatics
 - Keyence cameras

EXAMPLE OF SOLUTION

- Application in the operations of Marien Getränke GmbH, Germany
- 0.5l, 1l, 1.5l PET bottles
- crates:
 - 11x a 20x 0.5l
 - 12x 1l
 - 6x 1.5l
- output 2 200 crates/hour



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