

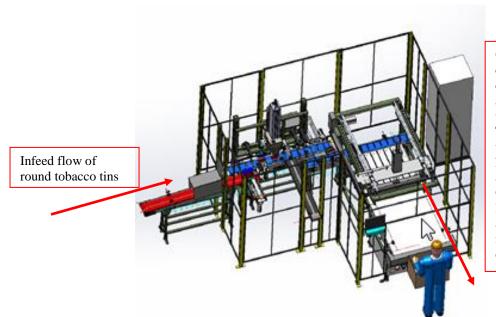
Automation – Special machine construction

Krommebeekstraat 24-26 – BE 8930 MENEN Phone +32 56 52 14 80 - Fax +32 56 53 00 15 www.vaskon.com

## Track & trace solution Laser coding of round tobacco tins

This machine applies a laser code on the top lid of round tobacco tins (according to CE directive 2014/40/EU).

- The tins enter the machine on a continuous conveyor belt (infeed conveyor)
- The tins are orientated radially, and laser coded. Code is verified.
- The tins leave the machine on an outfeed conveyor (the number of tins that leaves the machine perfectly matches the required number for one aggregate box). After closing the box, the operator applies a label on the box (with an aggregate track & trace code printed on it) and scans it. Only after scanning this label, the next set of tins leaves the machine



Outfeed flow of coded tins. Tins corresponding with ONE aggregate package leave the laser coding machine. The operator packs the tins into a cardboard box, he closes the box and applies a label on the box. Only after scanning this label, tins for the next aggregate pack leave the machine (==> no mixing of tins possible).



A track & trace code is applied on the lid of the round tobacco tin (according to CE directive 2014/40/EU). Lids should have a preprinted black area (for coding).



Global view of the machine



Laser coding + verification of code



Radial positioning of the tin





Outfeed conveyor (manual aggregation in box)

- Tin dimensions : diameter 100mm (H=65..265mm). Other dimensions upon request.
- Performance : up to 60 tins/minute

## Options for filling the tins with tobacco:

- Destacker for empty tins
- Tin filling station + tobacco weigher

## Options for packing the tins:

- Connection of the coding machine with our serialization software
- Robot palletizer (to palletize cardboard boxes)



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