
VASKON

Automation – Special machine construction

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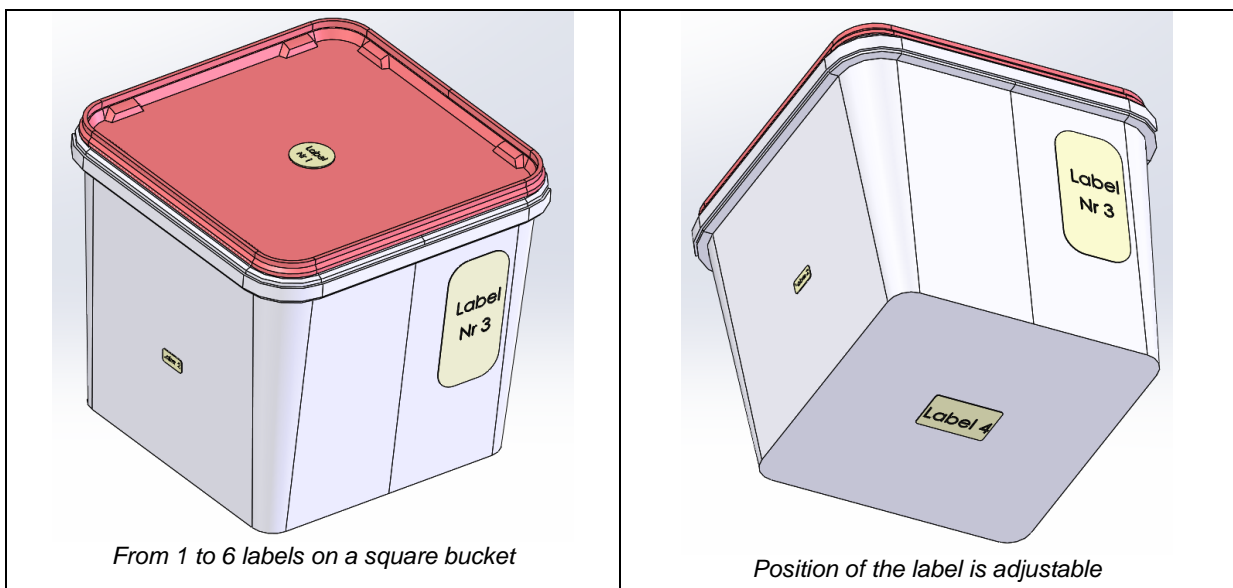
Labelling machine for square buckets of tobacco

Main characteristics :

- The machine is used to apply labels on square buckets
- A label can be applied on each of the 6 sides of the square bucket (each of the 4 vertical sides of the bucket + the upper side + the bottom side), or on all 6 sides (or a number of sides depending on the recipe that is chosen in the menu)

Other characteristics :

- Label size : minimum 20x10mm – max 100x50mm (both either horizontal or vertical)
- Bucket size : min 120x120 - max 250x250 (variable height)
- After label application the machine verifies that it has effectively been applied
- For each of the vertical labels, the following settings can be adjusted manually :
 - o Position YZ of the label (on the surface of the bucket)
 - o The angle of the label unit (according to the conicity of the bucket)
- Top label and bottom label are applied in the center of the bucket
- Labels can be pre-printed (apply only), or can print variable information (print & apply). Typically used for commercial labels (brand name), price labels, functional labels (eg barcode, Track & Trace information,...)
- Performance of the machine : 30 buckets/minute
- Remark : between infeed conveyor and outfeed conveyor, buckets are turned 90°.





Global view of the machine



Global view



Option : a vision system checks presence of label, or reads label information (Track & trace)



Position of each label unit is adjustable



Turning station (turning buckets 90°)

Options :

- Vision system to verify the contents of the label (Track & Trace)
- Connection with our Serialization software (coding of tobacco products, CE Directive)
- Additional station to turn the buckets
- Upstream of the labelling machine :
 - o Feeding empty buckets (destacker of empty buckets)
 - o Filling of the buckets with tobacco (feeders / bucket filling station / tobacco weighers)
 - o Lid application & closing
- Downstream of the labelling machine :
 - o Robot Palletizer (for palletizing, with intermediate cardboard)

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