
VASKON

Automation – Special machine construction

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Straight layer (for finer cutting of tobacco leaves)

This machine is used in primary to improve cutting quality of the tobacco leaves.

- Tobacco leaves fall into the machine (back side of the machine).
- The machine orientates the leaves in such way that all veins in the tobacco leaves tend to be parallel (perpendicular to the cutting knife)
- The machine compact the tobacco leaves, and creates an infinite extruded flow (with rectangular shape)
- The exit of the machine is directly coupled to a cutting machine (eg Hauni, or similar). The extruded flow is cut, as the orientation of the veins in the leaves is mainly perpendicular to the cutting knife, the veins will be cut, so the machine prevents the presence of long veins in the cut tobacco

Advantage : finer cutting of the tobacco (significant reduction of long veins in the cut tobacco).



2 high capacity Straight layers (capacity of each machine : 2.500 kg of tobacco leaves/h)

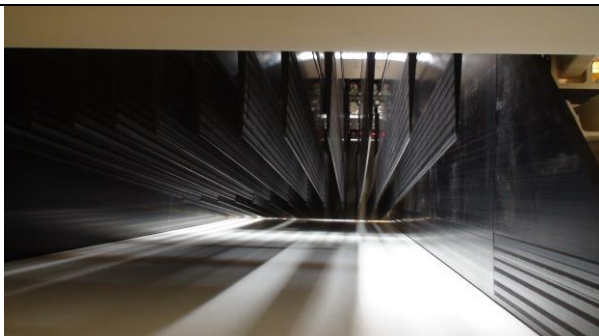
	Medium capacity machine (V10-0162)	High capacity machine (V15-0018)
Capacity	1.250 kg/h	2.500 kg/h
Typical cut width	0.3mm	0.3mm
Typical belt speed (at output of our straight layer)	1m/min	2m/min
Width of compressed tobacco at exit of straight layer (= required cutter belt width)	400mm	500mm
Tobacco height @cutter infeed	±200mm	±350mm



long version (capacity 2500 kg/h) – back side



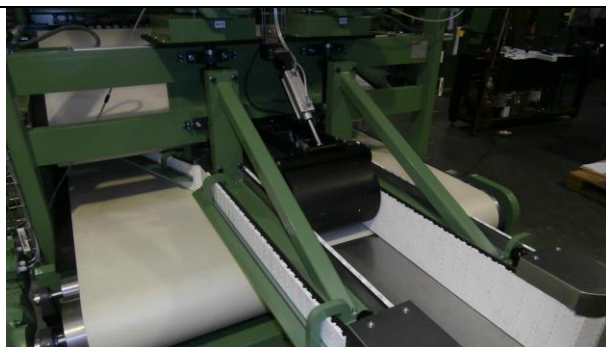
Short version (capacity 1250 kg/h) – front side



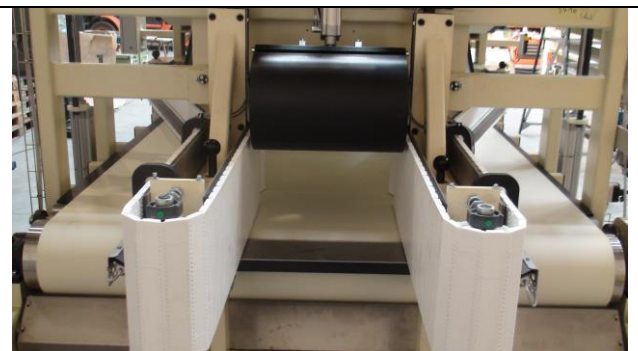
Tobacco leaves fall into compartments (forcing them to fall in a determined orientation).



Compression of the leaves to an infinite extruded rectangular flow



Horizontal & vertical compression, to an infinite rectangular flow



Output of the machine is connected directly to the cutting machine

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