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# VASKON

Automation – Special machine construction

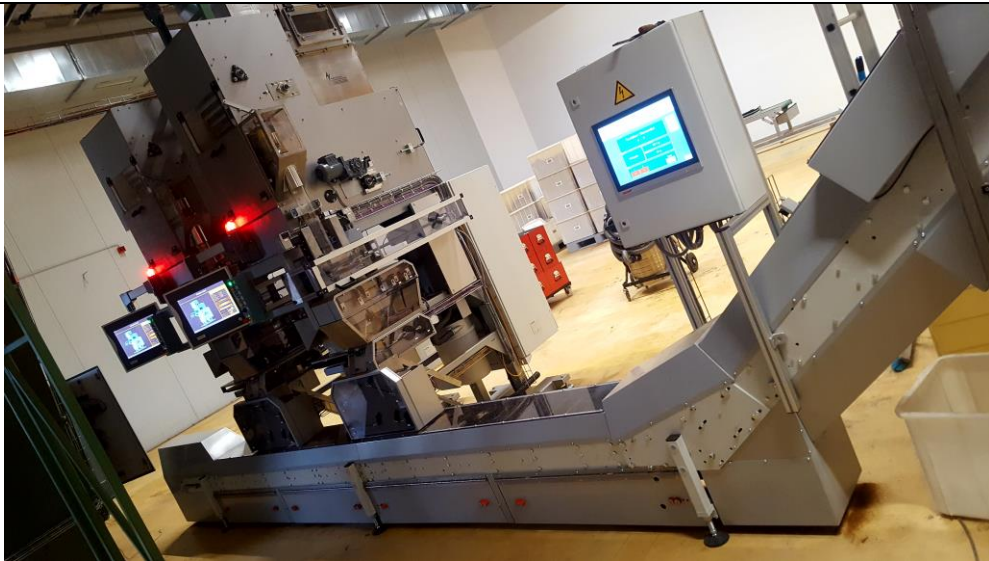
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## Tobacco weigher (type 6052)

Main characteristics :

- Tobacco weigher for smaller portions of ryo-tobacco (typically used for pouches 20-50gr)
- Depending on the type of tobacco, a weighing range from 5 to 60 gr is possible. To achieve this complete range, additional format parts are required. The installed format parts are recognized by the machine so that adjusting limits are automatically updated.
- Performance : up to 55+ portions per minute complying with the e-regulation.



*2 weighers combined in one line  
With option bucket chain conveyor / CCS*



*3 weighers combined in one line  
With option "control of feeder conveyor"  
With option "Central control System"*





Other specifications :

- Machine constructed as a high-loader (tobacco has to be fed into the rear top of the machine)
- Automatic tare function
- Machine works completely with async-, servo- and stepper motors. No consumption of compressed air, smoother and more silent running of the machine, timing of flaps can be very fine adjusted and remains constant, lifetime of motors is a multiple of the lifetime of pneumatic actuators.
- The weighing part has its own base frame to avoid interference of the machine movement with the weighing cell
- Possibility to let the machine calculate the used tolerances in weight based on a % of the tolerances according to –regulation.
- Several weighers can be combined in one line, to achieve higher output.
- Options :
  - o Format parts
  - o CCS Control system. In case more than one weigher is installed in a line, this CCS system performs the following tasks and functions :
    - It controls the discharge in a bucket-chain in such a way that the workload is evenly spread over the available machines, so that even the machine that is located last in the line can work with a continuous pace. Ability to produce a predefined batch of pouches.
    - Central management of the recipe used by the weighers. This makes switching from one product easier and quicker. New recipes have to be created only once, and every machine runs with the same parameters. All weighers and the CCS are connected in a network.
    - Weight control. In combination with a check weigher (the check weigher itself is not part of this option) a closed-loop system can be created so that the mean weight of the produced batch is just above the nominal weight. This can save a considerable amount of tobacco.
    - CCS can support up to 4 weighers
  - o Bucket chain conveyor
  - o Control of feeder conveyor

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