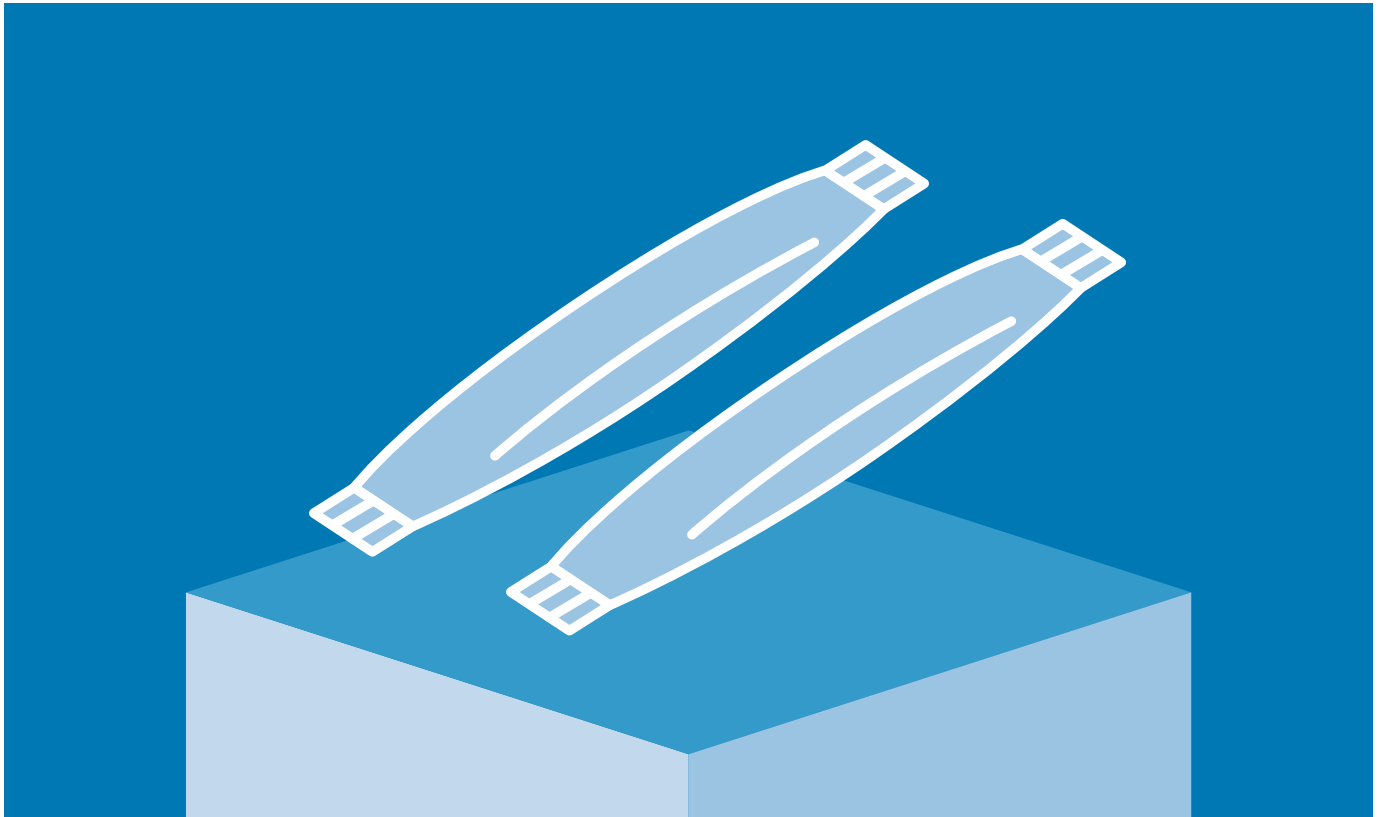


## Stickpacks

Powdered drinks in a wide variety sticks  
from a single stick packer



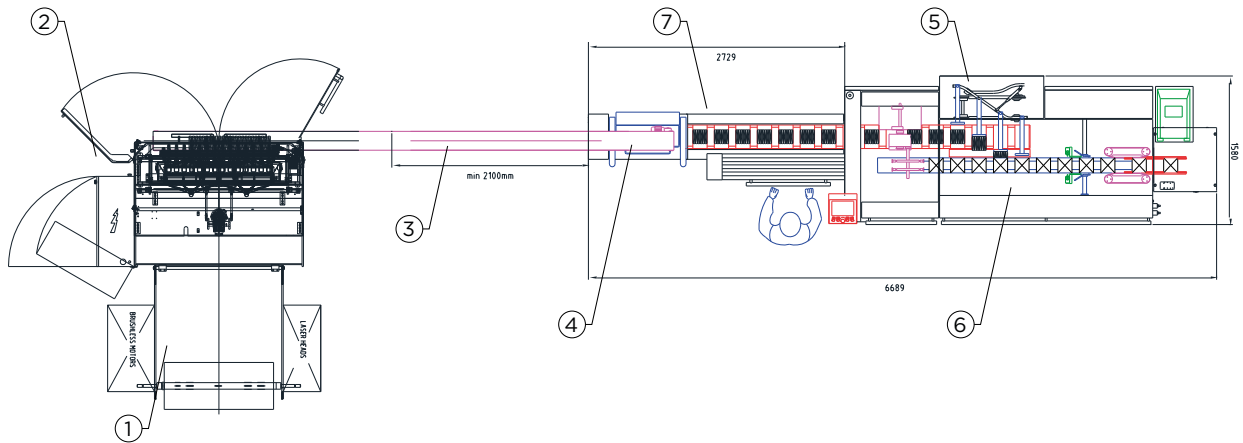
### Requirements summarized

- Stick length variation 110 - 180 mm / 4.33 - 7.09 inch
- Stick width variation 23 - 40 mm / 0.91 - 1.57 inch
- Stick count variation 20 - 30 sticks / carton
- 14 lane with max. 500 sticks / minute

### Challenges summarized

- Food application with corresponding requirements
- Additional flap closure system for hot melt glued flaps in case of machine stop
- Great variety of stick sizes in a single system

## MACHINE LAYOUT



## Solution highlights

### 1 Collation, grouping, and infeed system

- Controlled collection of single sticks
- Sampling function, offering a single stick from each independent lane
- Individual stick count with push button stick count changes
- Bulk count option

### 2 Cartoner

- Serrated bucket with adjustable walls for easy stick size change over
- Manual feeding station
- 2 head rotary feeder with positive pre break and extended carton magazine
- Correct flap closure monitor with automatic reject
- Food industry approved polycarbonate covers

- 1 14 lane stick packer (max. 500 sticks/min.)
- 2 Stick collecting unit (chute or droppage)
- 3 Inclined bucket conveyor
- 4 Infeed system for sticks  
(single stick count 3 level bomb-bay)
- 5 Langen Group VENTO™ (9" version)
- 6 Confiner unit
- 7 Fully covered bucket lane

All information given in this document is dependent upon final machine specification, infeed arrangement, product type and carton specification.

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