

Optimizing shelf appearance of chainpacks

Chainpacks with infant cereals zig-zag folded and case packed in RSC cases



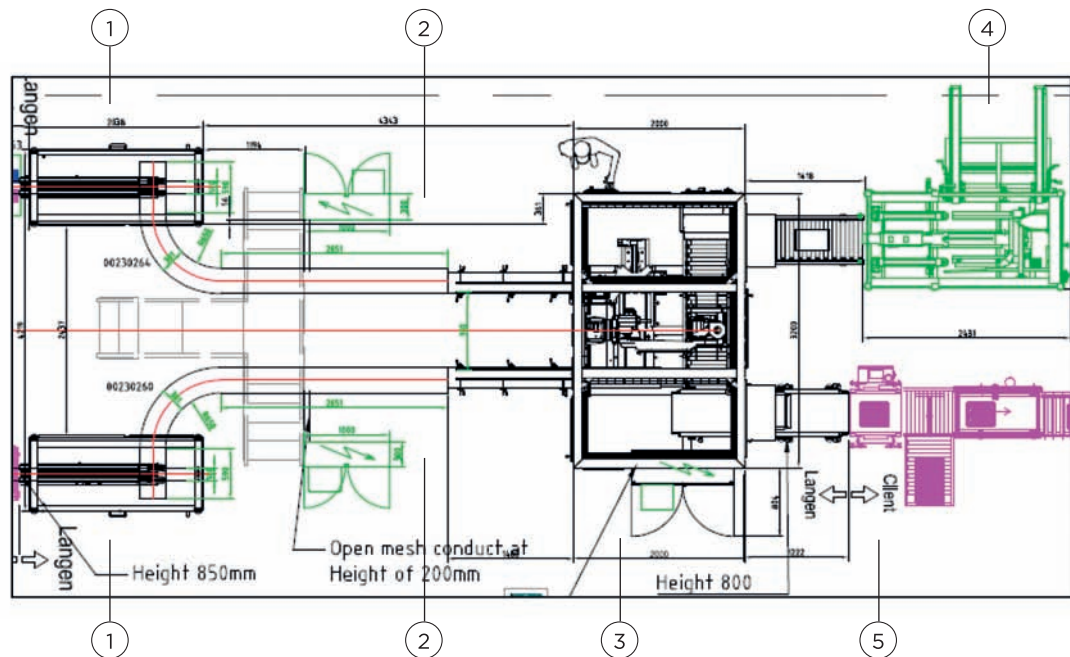
Requirements summarized

- Strings of pouches: 8, 12, or 16 pouches in strings
- Pouch contents: 20 gr / 0.70 oz infant cereal powder
- 2 lanes of 120 pouches / minute

Challenges summarized

- Seamless integration with upstream equipment
- Reject gate for chains with too many or not enough pouches in the string
- Food application with corresponding requirements

MACHINE LAYOUT



Solution highlights

1. Collation, grouping, and infeed system

- Multiple flexible chainpack folding units
- Dropgate (chute) as link to inclined conveyor

2. Case packer

- Flexible robotic case packer
- Integrated case erector
- Integrated case closer

1. Chainpack foling unit
2. Conveyors for folded strings
3. Robotic case packers

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

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