

Slug wrapped cookies end loaded into cartons 2 infeeds x 150 wraps/minute collated into a 2 x 3 load pattern for carton loading



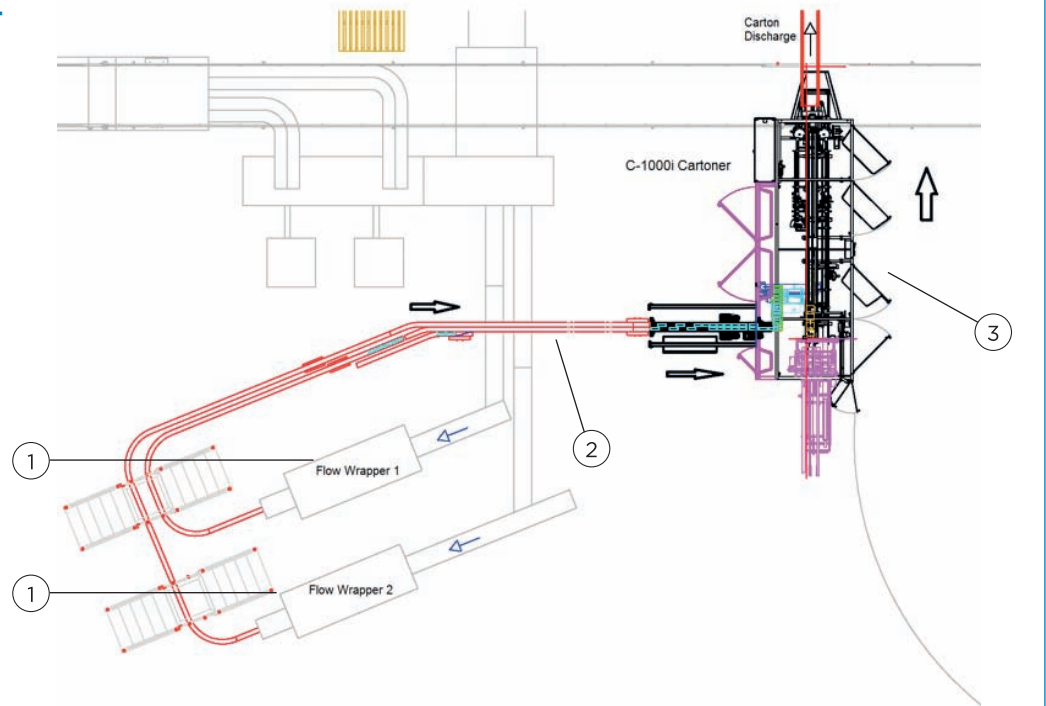
Requirements summarized

- Wrap dimensions:
191 mm x 48 mm x 44 mm / 7.50" x 1.88" x 1.75"
- Product: Slug wrapped in chipboard "boat" -
11 cookies/wrap
- Carton Sizes:
111 mm x 127 mm x 171 mm / 4.38" x 5.00" x 6.75"
- 6 wraps/carton in a 2 x 3 x 1 load pattern
- 2 infeeds x 150 wraps/min each - 50 cartons/min

Challenges summarized

- Carton is wider (5") than it is long (4.38") - difficult to erect and transport
- Wraps tend to rotate onto their sides - stacking and loading critical
- Very tight product fit into carton
- Food application with corresponding requirements

MACHINE LAYOUT



Solution highlights

- Product is choke fed into LSP to allow for inconsistent product flow from 2 independent wrappers (can load LSP buckets from either infeed or both)
- Compact cartoner layout allows for tight floorspace installation
- Carton feeder with pre-break allows for difficult carton feeding

1. 2 upstream flow wrappers
2. Conveyors
3. Langen Group C-1000i

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

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