

High end spirit in carton

Different sized bottles packaged
in gift pack cartons



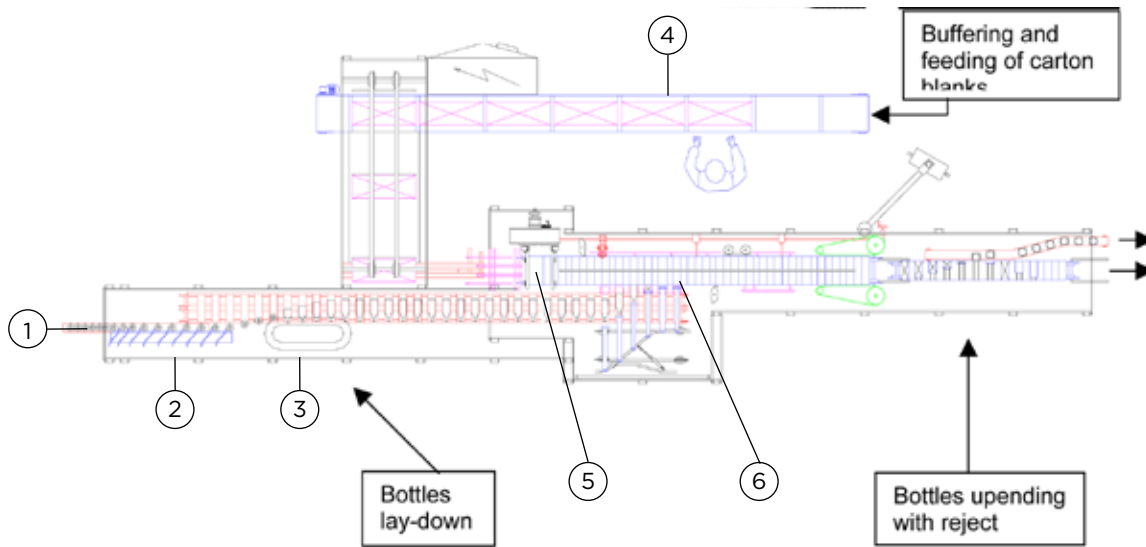
Requirements summarized

- 3 bottle and carton sizes in a single system
- 330 bottles per minute
- Unique bottom closing and locking system
- Quick change over

Challenges summarized

- High speed spirit application with corresponding requirements
- Reduced operator interaction (replenishment of magazine)
- Unique and new interlocking system

MACHINE LAYOUT HCC™ HORIZONTAL CARTONER



Solution highlights

1. Collation, grouping, and infeed system

- Screw infeed system
- Bottle lay down system for horizontal loading

2. Cartoner

- Automatic carton feeding system with ergonomic replenishment height
- 3-head rotary feeder with pre break for optimal carton forming
- Easy change over features
- Combined system to place cartons upright and reject incorrectly closed cartons

1. Conveyor
2. Screw infeed system
3. Bottle lay down system
4. Carton replenishment system
5. 3-head rotary feeder
6. Langen Group HCC™ horizontal cartoner

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

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