

Syntegon DCG

CONTINUOUS GENTLE DISTRIBUTION STATION

PRODUCTS

Bars, chocolate tablets, biscuits, cup cakes and many other food products.

PRODUCT CHARACTERISTICS

Hard, crumbly, brittle, sticky

FROM OVEN

Products can arrive from the process or the cooling tunnels in every pattern including random, offset, staggered and in rows.

MODE OF OPERATION

The modular built DCG is a direct distribution station that gently deposits product rows with a soft deposit pullnose onto a crossfeed belt. Transparent, monitored doors and guards ensure safe operation during production as well as monitoring of the process and machine functionalities and the degree of contamination. The DCG has been designed in compliance with the latest hygiene standards. Sloping surfaces ensure that product residues fall into the crumb trays. Belt scrapers and coated rollers ensure that no product build-up stays on the rollers and belts. All belts, rollers and scrapers can be quickly replaced without time-consuming dismantling operations.

CONSTRUCTION

The robust, freely accessible distribution station is available in left- and right-hand execution and with different process belt widths. This ensures optimal operating concepts and layout flexibility. The external electrical cabinet can be flexibly placed and thus fits into the existing hall and brings flexibility in the system design.

ERGONOMICS AND DESIGN

All machine areas are freely accessible for cleaning and maintenance. Belts can be changed quickly, without complex deinstallation. Trays catch any falling product waste via sloped surfaces.

OPERATION

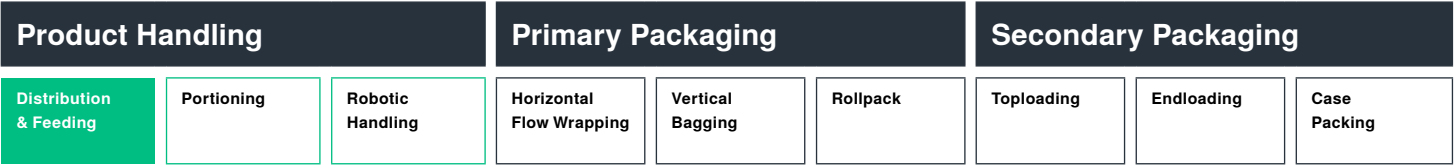
During standard operation, the machine can be operated via keys at the station. The large touchscreen enables fast and clear access to all required sectors and functions such as parameter entry, fault indicator, shift statistics and troubleshooting procedures.

Your benefits

- Very good access for cleaning and maintenance
- Latest hygiene standards
- Excellent price-performance ratio
- Compensates in case of irregular product flow
- High efficiency
- Easy operation and high operational safety
- AC servo motors
- Fast belt changes
- Minimal maintenance



Packaging Line Structure.



Standard equipment

- Robust design for single and multi-shift operation
- External electrical cabinet
- Left-hand and right-hand versions
- Indirect distribution station with waiting belt
- PET safety guarding
- Product collecting tray
- Active pneumatic belt control

Options

- Row aligner
- Row regulation belt
- Metal detector
- Rotating arm for HMI

Specifications Sigpack DCG	
Product dimensions	
Product length	36 to 200 mm
Product width	26 to 200 mm
Product height	5 to 60 mm
Machine dimensions	
Process belt width	800 to 1600 mm, staggered in steps of 200 mm
Min. distance between stations	2510 mm
Process belt height	945 to 1025 mm
Distribution height	850 mm/930 mm
Transverse belt width	250 mm
Performance	
Process performance	up to max. 120 rows/min
Row performance	up to max. 32 rows/min (with a belt width of 800 mm)

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