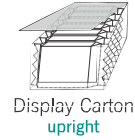
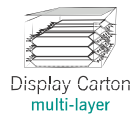


The first cartoning system that can keep up with the high-performance machines from Theegarten-Pactec. The cartoner is specially designed for direct connection to primary packaging machines with high output. The modular design offers high flexibility for product formations within the carton.

# BLM

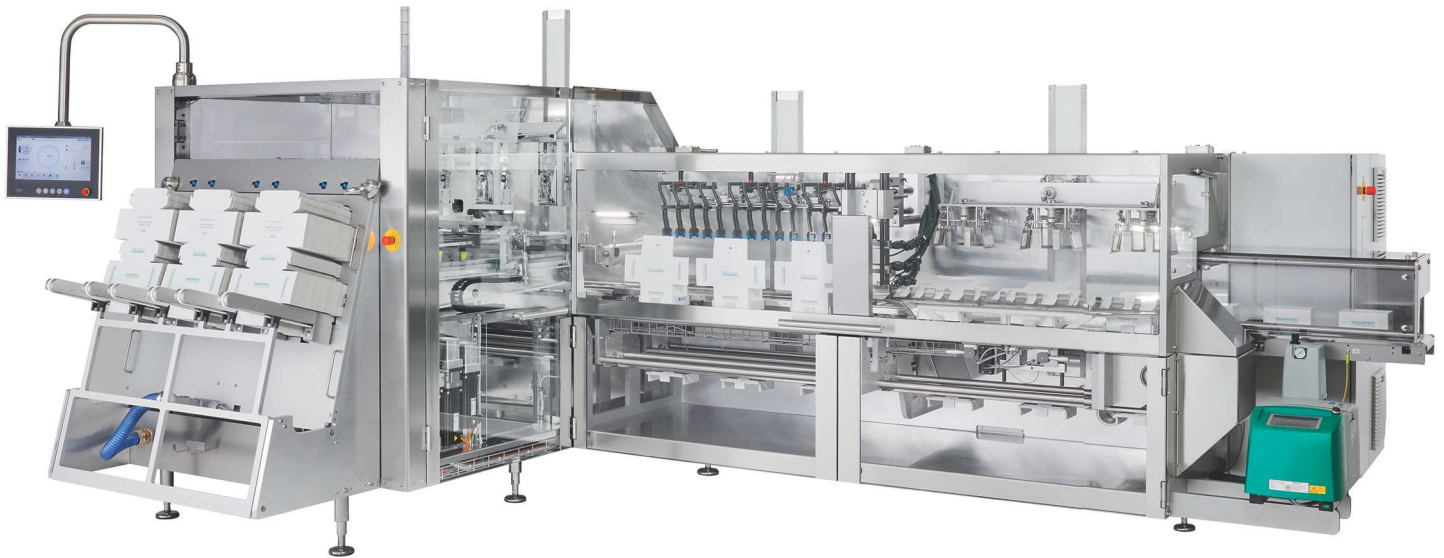


## Products

- primary wrapped products  
e.g. chocolate bars,  
cereals, stock cubes,  
soft caramels

## Output

- up to 3,000 single products/min
- up to 200 cartons/min



## Size range carton

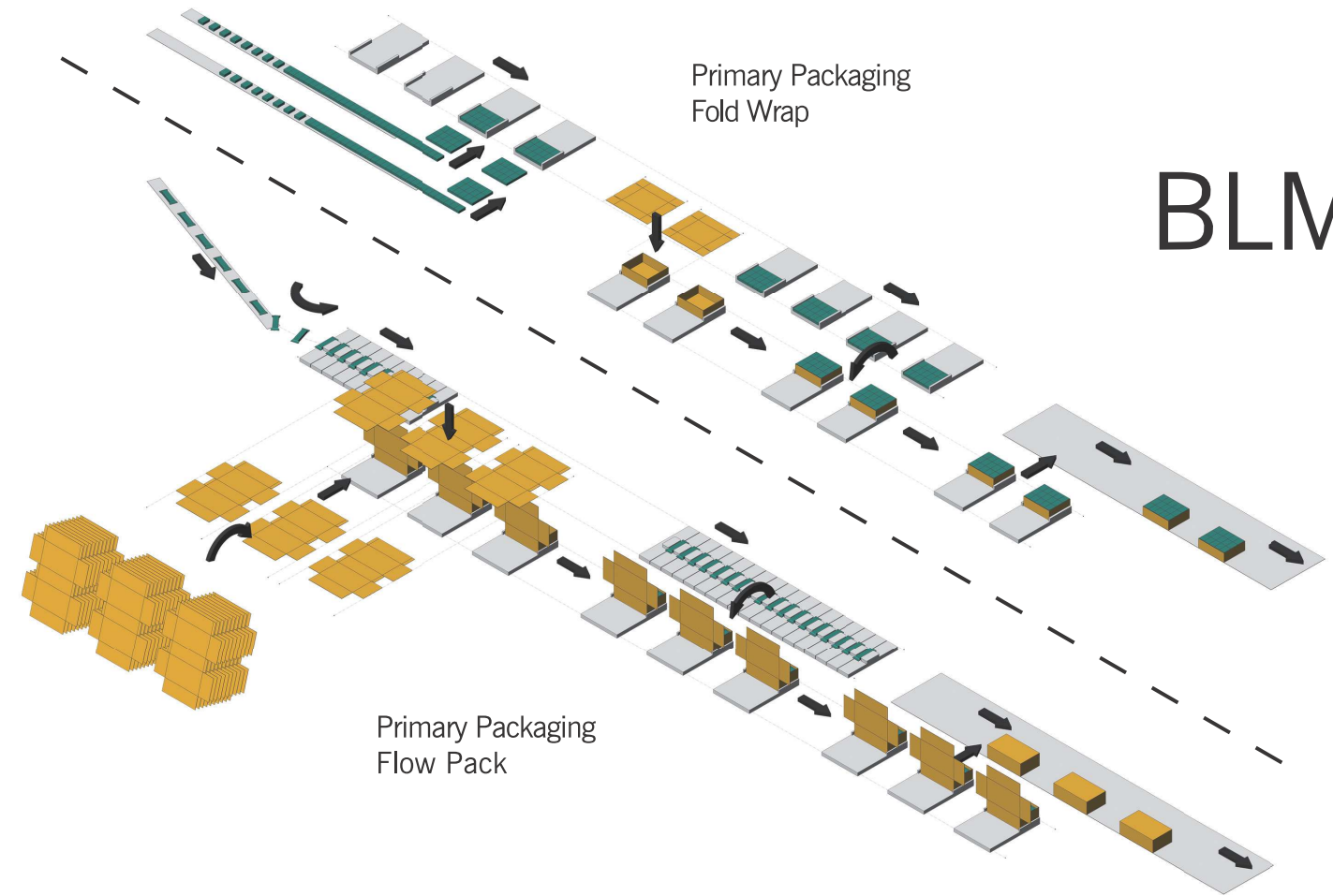


Length: min. 75 mm  
Width: max. 250 mm  
Height: max. 120 mm

Primary Packaging  
Fold Wrap

# BLM

Primary Packaging  
Flow Pack



#### Wrapping material

- carton blank

#### Blank dimensions

- Length: 120 - 700 mm
- Width: no limitations

#### Measurements

- Length: 3700 - 7000 mm
- Width: 1900 mm
- carton feeding 3700 mm
- Height: 1600 mm
- carton feeding 1900 mm

#### Weight

- Machine: 4500 - 7000 kg

#### Combination

The cartoning system is designed for direct connection to a high-performance primary wrapping machine in order to package high output quantities reliably and efficiently into cartons.

#### Special features

- Cartoning system for products primary wrapped in fold wrap or flow pack
- Modular system for different product sizes, output ranges, packing formations, and carton designs
- Simultaneous erecting, filling and closing of several cartons enables maximum performance
- Balcony design - drive and working / operation section strictly separated
- Complete operation from front side - a mirrored version of the cartoner is available to match the operating side of the connected primary packaging machine
- Transparent machine cover for easy visual inspection and preventive maintenance
- Excellent accessibility for operation, maintenance and cleaning purposes
- Operator touch panel for intuitive user interface
- Due to the automatic operation, several machines can be handled by one operator
- System of protection: IP 54

#### Product feeding and grouping

- Feeding and grouping device individually adapted to the wrapped product for optimal connection of the cartoner to the primary packaging machine
- Incomplete product groups are rejected before entering the secondary packaging process

#### Carton feeding and carton erector

- Easily accessible carton blanks magazine
- „No carton blank – no glue“ functionality
- Carton erector with suction device for precise positioning of the carton

#### Carton filling and closing

- One machine enables cartons with single-row, multi-row, multi-layer and upright arrangement of the products
- Robotic transfer tool for product pick up and correct positioning in the box
- Vacuum monitoring at the suction device minimizes loading defects and allows a controlled reject of non - properly filled boxes
- Robot transfer of the filled boxes to the discharge conveyor

#### Options

- Integration of coding device for best before date or batch number
- Tool-less format change
- Remote assistance via network connection