

Sigpack TTMC.

INTEGRATED CASE PACKER

PRODUCTS

Pre-packed products of the food, non-food and pharmaceutical industries in flow packs, multi packs, roll packs, trays, cartons.

PACK STYLES

The products can be packed into regular slotted containers (RSC), half slotted containers (HSC) and retail ready cases.

PACK MATERIAL

The Sigpack TTMC handles corrugated cardboard.

MODE OF OPERATION

Pre-glued RSC or HSC sleeves are taken from the magazine and formed. Products are fed, grouped and loaded into the erected carton (topload). Afterwards the filled cases are integrated and closed with glue or passed to a taping system.

CONSTRUCTION

The Sigpack TTMC is aligned for 24/7 production. Only a single operator is needed to handle all operations – changeover and cleaning included. 100% carton control, reproducible changeovers and process transparency facilitate machine operation. This results in the highest reliability and OEE optimization.

ERGONOMICS AND DESIGN

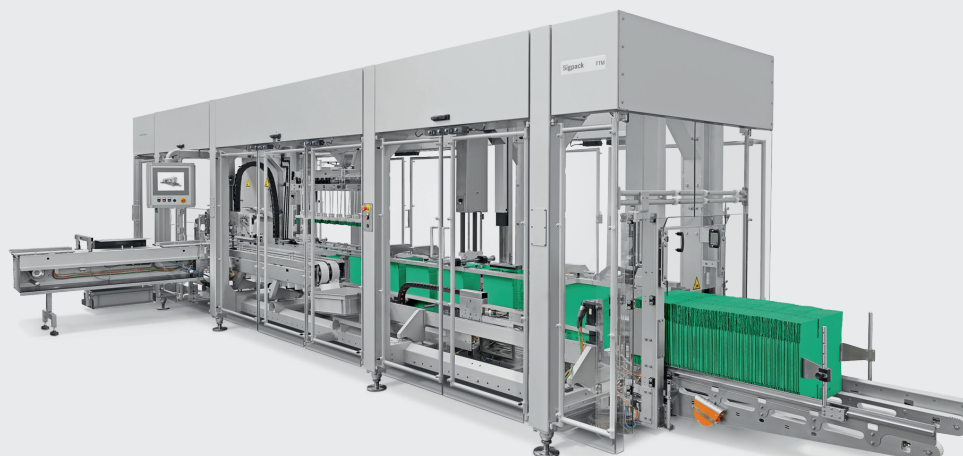
The Sigpack TTMC is equipped with a compact and open design with compact footprint. The machine is readily accessible and easy to clean. The ergonomic operating height guarantees comfortable operation and fast conversion to new sizes and shapes. Safety guards provide noise protection and fulfill safety standards.

OPERATION

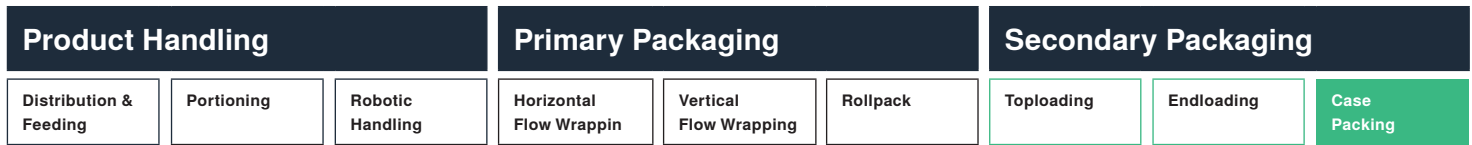
A large touchscreen allows the setting of product-specific parameters and in case of faults, displays a method for troubleshooting. Information on product statistics and the current operating status can also be accessed.

Your benefits

- ❑ Fast and tool-less format change with vertical restart
- ❑ Maximum product and pack style flexibility
- ❑ High process safety and reliability
- ❑ Ergonomic and intuitive operation over HMI
- ❑ Compact and open design thanks to minimal footprint
- ❑ Optimal accessibility and easy cleaning
- ❑ Scalable output up to 25 cases per minute
- ❑ High Overall Effectiveness (OEE)



Packaging Line Structure.



Standard equipment

- ❑ Sigpack TTMC for case erecting, loading and closing
- ❑ Product infeed conveyor
- ❑ Product collation unit
- ❑ Active carton control
- ❑ Allen Bradley control and drives
- ❑ HMI with color touch screen, recipe and user management
- ❑ Tool-less changeover with vertical restart

Options

- ❑ Double infeed conveyor and collating unit
- ❑ Feeding wheel for high-speed applications
- ❑ On edge loading of products
- ❑ Integration of a labeling unit
- ❑ Integrated hotmelt systems
- ❑ External taping solution
- ❑ Trolley for change parts
- ❑ Vision control
- ... and many others

Specifications Sigpack TTMC

Product dimensions	
Product length	50 to 300 mm
Product width	10 to 150 mm
Product height	10 to 100 mm
Sleeve dimensions	
Blank length	300 to 1000 mm
Blank width	200 to 750 mm
Carton dimensions	
Carton length	200 to 600 mm
Carton width	100 to 400 mm
Carton height	100 to 400 mm
Performance	
Product performance	up to max. 1000 products/min
Carton performance	up to max. 25 cartons/min
Connections	
Voltage	3 x 400-480 V plus ground, 50/60 Hz
Energy consumption	approx. 8 kVA
Compressed air	approx. 5-6 bar
Weight	
TTMC	approx. 6000 kg

Syntegon Packaging Systems AG
 Industriestrasse 8
 CH-8222 Beringen
 Switzerland

+41 58 674 10 10
 sales.packaging-bng@syntegon.com
 www.syntegon.com