

Elematic 3001 WA/WAH Case Packer.

WRAP-AROUND (WA), TRAY & HOOD (WAH)

The Elematic 3001 is Syntegon's standardized case packer, that packs in simple trays over the classic full wrap-around up and shelf ready packaging. The Elematic 3001 sets new standards for ease of use, format changeovers and flexibility.

EASE OF USE

The Elematic 3001 is easy to run, clean and maintain. The long magazine with a simplified ergonomic loading height reduces the frequency to refill. Additionally, the machine guarantees an easy access and operation.

The hotmelt equipment including granulate buffer container is fully integrated and can be filled from outside.

CHANGEOVER

Format changeovers on the Elematic 3001 are user-friendly thanks to the Elematic click system. Index pins at clear changeover points replace scales and spindles. Optional assisted format changeovers in additional levels like RFID, Message-in-Place and automated changeover.

FLEXIBILITY

The case packer is very flexible and offers a wide range of formats. The case packer groups products in single- or multi-row as well as layer collations.

Your Benefits

Reliability

- ▣ Designed for 24/7 production
- ▣ Components of the case packer are based on standardized and configurable modules

Ease of use and high availability

- ▣ Ergonomic blank magazine height
- ▣ High blank capacity
- ▣ Good accessibility
- ▣ Easy-to-clean design
- ▣ Visibility of packaging process

High flexibility

- ▣ Fast format changeovers based on Elematic click system
- ▣ Wide format range
- ▣ Different pack styles



Packaging Line Structure.

Processing	Primary Packaging			Cartoning			Case Packing		
Confectionery Processing	Bag	Flow Pack	Thermo-form	Tri-seal	Endload	Sleeve	Wrap-around	RSC Sideload	Topload
Elematic 3001 WA/WAH									

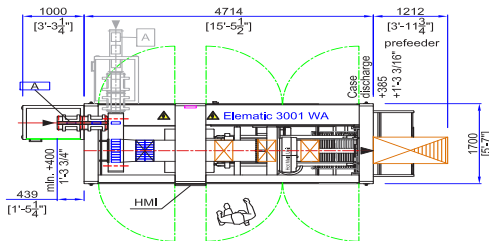
Standard Features

- Hotmelt system operated via machine HMI
- Standardized collation platform for the modules infeed conveyor, acceleration belt, collation belt, product transfer
- Ergonomic blank magazine height at +835 mm/33"
- Fully integrated hot melt equipment

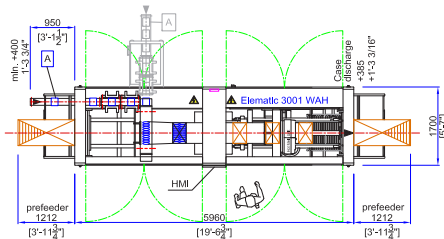
Optional Features

- Format parts with RFID coding
- ESL Minidisplays
- Integrated checkweigher
- Bi-fold doors
- Light package
- Smart box for safety and open flap control
- Dotted glue application

Layout - Elematic 3001 WA



Layout - Elematic 3001 WAH



Contacts

EMEA

Mail salesfood.emea@syntegon.com

Phone +41 58 674 7542

North America

Mail salesfood.northernamerica@syntegon.com

Phone +1 715 243 2298

Document PADR-MKT-00129 rev1 4/2023

© Syntegon-Group | PADR | 04.2023 | subject to change without notice

Technical Specifications

Product		
Possible products	Folding cartons/Flow packs/Bags/ Tablets/Slugs/Tubs/Cans/...	
Maximum weight	2 kg / 4 lb	
Infeed directions	inline or 90°	
Blank format	min.	max.
Blank length	140 mm/5.5"	1.200 mm/47.2"
Blank width	260 mm/10.2"	900 mm/35.4"
Packaging	min.	max.
Case length	200 mm/7.9"	600 mm/23.6"
Case width	80 mm/3.1"	400 mm/15.7"
Case height/tray	80/30 mm/3.1"	300 mm/11.8"
Maximum weight	20 kg/44 lb	
Material	Corrugated/Solid board/ combined	
Closure	Hotmelt	
Machine		
Weight	4800–6500 kg/10 582–14 330 lb	
Infeed height	approx. 400 mm, up to 550 mm/ approx. 15.7", up to 21.7"	
Output height	approx. 385 mm/15.1"	
Hotmelt system	Robatec	
Control		
Producer	Rockwell/Beckhoff	
Control cabinet	Integrated (on board)	
Performance		
Infeed	up to 400 products/min	
Output	up to 30 cases/min.	
Electrical standards		
Standard power supply	3 N-PE 400 VAC	
Power supply frequency	50 Hz	
Control circuit	24 VDC	
Pneumatics		
Pneumatics	6 - 10 bar (87–145 psi)	