

# Elematic 1001 TL Case Packer

## RSC/HSC TOPLOAD CASE PACKER

The Elematic 1001 TL is Syntegon's standardized topload case packer for packing products in Regular Slotted Cases (RSCs) and Half Slotted Container (HSC) on a small footprint and large format range. The machine concept was specially designed for ergonomic operation as well as for a robust, product-friendly, and reliable process. The machine packs bags, flow packs and cartons in horizontal arrangement, as well cartons and bottles in vertical collation. RSC cases can be closed with hotmelt or with self-adhesive tape.

### EASE OF USE

The machine is easy to run, clean and maintain for operators. Additionally, the fully servo driven technology make it a reliable and efficient alternative for food producers – from medium and small companies to large corporations.

The long inline blank magazine and the serial prefeeder with a simplified ergonomic loading height for blanks reduces the frequency needed to refill. The runtime autonomy is at 15 to 20 minutes. The case packer is easily accessible and the machine operation process is visible.

### CHANGEOVER

Thanks to the intuitive Elematic Click System, changing formats is easy and reproducible at any time and no tools are needed. A changeover can be done in up to 10 minutes.

### FLEXIBILITY

The Topload Case Packer is very versatile due to its large format range, from very small to very large sized collations. The case packer groups products in single- or multi-row or layer collations and toploads them into corrugated or solid board.

### Key Features

- ❑ Compact footprint
- ❑ Wide format range
- ❑ Operator-friendly and ergonomic design
- ❑ Intuitive touchscreen HMI 4.0

### Your Benefits

- ❑ Quick format changeover
- ❑ High OEE
- ❑ Excellent accessibility and visibility
- ❑ Fully reproducible for "first case right"
- ❑ Hygienic due to "no hollow bodies" frame design
- ❑ TPM Standard



# 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 1001 TL Topload Case Packer

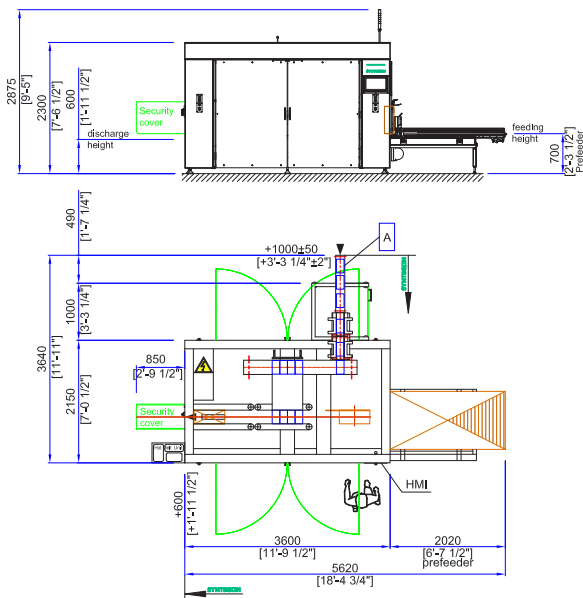
## Standard Features

- Standard execution for an output of up to 15 cases/min
- Standardized collation platform for the modules infeed conveyor, acceleration belt, collation belt, product transfer
- Changeover with Elematic Click System
- Long blank magazine of 2000 mm/78.7"
- Rockwell control
- Hotmelt case closing

## Optional Features

- Speed execution for an output of up to 20 cases/min
- Layer collation for bags
- External granulate refilling for hotmelt case closing
- Lockout-tagout (LOTO)
- External tape case closing

## Layout Elematic 1001 TL



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## Technical Specifications

Product		
Possible products	Folding cartons / Flowpacks / Bags / Tablets / Rolls / Tubs / Cans / ...	
Infeed directions	inline standing inline laying with a 90° angle	
Blank Format	min.	max.
Blank length	325 mm/17.8"	1000 mm/39.3"
Blank width	250 mm/9.9"	750 mm/29.5"
Packaging	min.	max.
Case length	200 mm/7.9"	600 mm/23.6"
Case width	125 mm/4.9"	400 mm/15.7"
Case height	125 mm/4.9"	350 mm/13.8"
Maximum weight	12 kg/26 lb	
Closure	Hotmelt/Tape	
Material	Corrugated board (B-flute, E-flute, C-flute, BC-flute)	
Machine		
Weight	approx. 4500 kg/9920 lb	
Infeed height	depending on packaging, approx. 520–1550 mm/20.5"–61"	
Output height	approx. 600 mm/23.6"	
Cleaning	Dry cleaning	
Control		
Producer	Rockwell	
Control cabinet	Integrated (on board)	
Performance		
Infeed	up to 160 products/min.	
Output	up to 15 cases/min.	
Electrical standards		
Main power supply 1	400/230 V, 50 HZ, 3 phases with N	
Main power supply 2	480 V, 60 HZ, 3 phases without N	
Pneumatics		
Pneumatics	6 bar (90 psi)	

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