

Elematic 1001 SL Case Packer

RSC SIDELOAD CASE PACKER

The Elematic 1001 SL is Syntegon's standardized Sideload Case Packer for packaging products into Regular Slotted Cases (RSC), also known as American cases. It was specifically designed with ergonomics and robustness in mind.

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 Sideload 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 sideloads them into corrugated or solid board.

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
- Easy maintenance

Versatility

- Fast and toolless changeovers
- Wide format range



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

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Standard Features

- Standard execution for an output of up to 14 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
- Tape closing

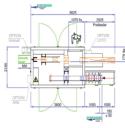
Optional Features

- □ Speed execution for an output of up to 20 cases/min
- Layer collation for bags
- Hotmelt case closing with external granulate refilling
- Open flap control
- 90° case turning device after the machine
- Lockout-tagout (LOTO)

Layout example with inline infeed



Layout example with 90° infeed



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Technical Specifications								
Product								
Possible products Infeed directions	Folding cartons / Flowpacks / Bags / Tablets / Rolls / Tubs / Cans / inline standing inline laying with a 90° angle							
Blank Format	min.	max.						
Blank length Blank width	350 mm/13.8" 300 mm/11.8"	1000 mm/39.3" 750 mm/29.5"						
Packaging	min.	max.						
Case length Case width Case height	200 mm/7.9" 150 mm/5.9" 150 mm/5.9"	600 mm/23.6" 400 mm/15.7" 350 mm/13.8"						
Maximum weight Closure Material	20 kg/44 lb Hotmelt/Tape Corrugated board (B-flute, E-flute, C-flute, BC-flute), Solid board, also both combined							
Machine								
Weight Infeed height Output height Cleaning	approx. 4500 kg/9920 lb depending on packaging, approx. 520–840 mm/20.5" –33" approx. 750 mm/29" Dry cleaning							
Control								
Producer Control cabinet	Rockwell Integrated (on board)							
Performance								
Infeed Output	up to 160 products/min. up to 20 cases/min.							
Electrical standards								
Main power supply 1 Main power supply 2	400/230 V, 50 HZ, 3 phases with N 480 V, 60 HZ, 3 phases without N							
Pneumatics								
Pneumatics	6 bar (90 psi)							