



Case Packer

Simple technical conception
Solid construction
High availability
Low maintenance
Corrosion resistant



Product grouping



Blank feeder



Glue station

ECONOPAK



___ PLANNING ___ DEVELOPMENT ___ PRODUCTION

Application/Mode of Operation

The case packer handles the packaging of product groups. The flat carton blanks are stripped off the magazine and erected in U-shape on the pitch of the carrier chain. The side flaps are bent and the dust flaps are opened; the longitudinal flap of the wrap-around blank is folded. The formed group of products is pushed into the erected carton. The loading of the trays can be extended up to 5 inserting stations in order to reach a higher capacity. Then the glue is applied onto all flaps; side and top flaps (wrap-around blank) are bent and pressed on pneumatically. The filled carton is pushed out of the machine.

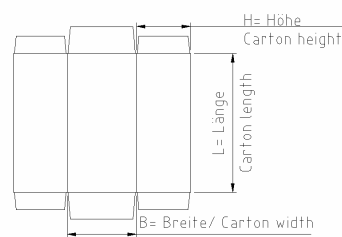
Construction, Equipment, Options

- Solid machine framework made of square pipe in lower area and laser-cut stainless steel components in upper area, glass-beaded finish
- Pneumatically driven blank magazine, adjustable to format
- Servo-driven carton feeder
- Servo-driven chain conveyor
- Support rails of the carrier chains made of formed stainless steel, low torsion, fixed with laser-cut chain guide elements
- Pneumatically driven device to turn over dust flaps
- Glue station for side flaps with pneumatically driven press rolls
- Hot melt glue application by glue nozzles
- All rotating parts with ball bearings
- Machine feet are height adjustable 850mm +/- 50mm
- Full safety guarding in stainless steel; Macrolon safety guards supported by gas springs in upper area
- Electrical cabinet made of stainless steel positioned on top of the machine
- PLC – control
- Touch – display
- All safety devices according to CE regulations
- Protection class IP54

OPTIONS

- Construction for left or right direction
- Protection class IP55
- Moveable operator panel (on swivel arm)
- Infeed and outfeed conveyors
- Spindle adjustment to dimensions L, W, H of the carton by means of a hand wheel
- Product grouping appliance/ multistep chain
- Wrap-around carton blank (servo-driven devices for trimming of flaps and for glue application onto longitudinal flaps)
- Lid setting device
- Guard covers in mesh design
- Electrical cabinet made of stainless steel
- Complete machine framework made of stainless steel
- Servo-driven chain adjustment

Technical Data (Standard)

	Dimensions of outer carton: Length: 200 – 600 mm Width: 150 – 300 mm Height: 90 – 270 mm Special formats on request
Max. capacity per minute (intermittent)	Up to 20 cartons depending on carton size, carton quality and product
Sealing methods	Hot melt glue application by nozzles
Power supply/electrical power	400V/ 3 Phase-N-PE / 50 Hz / 32 A Control voltage: 24V/DC Hot melt glue: approx. 12,0 kW
Compressed air supply/ compressed air consumption	4-6 bar / 1,5l per outer carton
Weight	approx. 2500 kg
Change over	Basic version with spindle adjustment approx. 20 - 30 min.

Technical modifications reserved.

