

Application

The universal feeder for flat products (paper, cardboard, plastic, film, etc.)
in the food industry in protection class IP65

Technical Data	
Performance	150 m/min / up 1400 Prod./Min. (continuous) up to 600 Prod./Min. (cycled)
Power supply	3 x 400 V / N / PE, 50 Hz, 300 W
Control	PLC control with touchscreen

Products	
Formats	min. 25 x 60 mm max. 350 x 300 mm
Quality	min. 60 gr/m ²
Thickness	0.1 – 30 mm

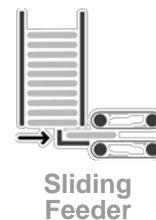
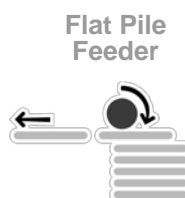
Standard Properties

- Basic unit in stainless steel and aluminium
- Smooth surfaces and transport pedestal with rubber rollers for optimized cleaning (option)
- No recesses and cavities, Knurled screws mounted closed with housing
- Non-corrosive ball bearings and connecting components
- Drive side with safety cover in V2A steel
- Protection type IP 65 for motor, control unit, wiring und plug connectors, scale for air gap adjustment and display
- All belts and friction rollers, being in touch with the products, are in FDA version.

- ❶ Magazine loading: 600 mm
- ❷ Quick adjustment of the product thickness (air gap, exit extension, magazine), mechanical display
- ❸ Swiveling exit extension 150 mm
- ❹ PLC control unit
- ❺ Individually adjustable and reproducible stack support
- User guide and status display via touchscreen (graphical user interface)
- Signal lamp with 2 colours, optional 4 colours
- Feeding width 300 mm standard
- Product feeding: Single, counting or with pulse generator
- Exact feeding and/or glueing of the products
- Missing sheet detection by product run-time monitoring
- AC servo motor with high dynamic
- Including encoder
- Minimum stack level monitoring in magazine
- Suction chamber for friction belts, with multi-ejector



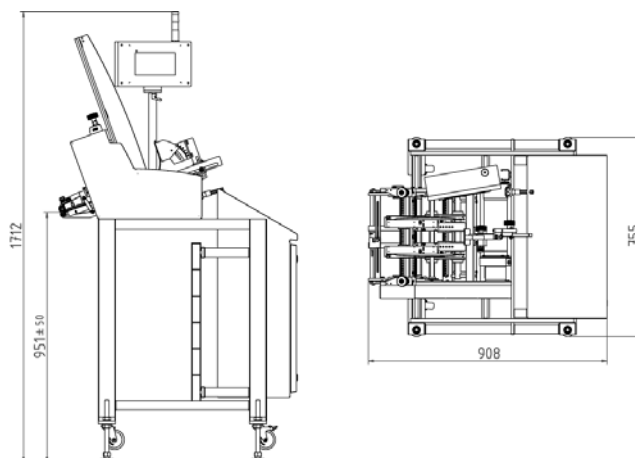
Technical details and further options see back side



Technical Data (Standard Configuration)

Formats (special formats possible):	min. 25 x 60 mm (wide side leading), max. 350 x 300 mm (short side leading)
Belt speed / Feeding performance (depending on product):	150 m/min up to 1,400 Products/min (continuous) up to 600 products/min (cycled)
Product passage:	min. 0.1 mm, max. 30 mm, paper quality min. 60 gr/m², product dependent
Magazine loading (depending on product):	Standard 600 mm, Option 800 mm / 1.000 mm
Drive:	AC servo motor, infinitely adjustable, positioning accuracy up to +/- 1.5 mm
Control:	PLC control with touchscreen
Supply voltage / Power input:	3 x 400 V / N / PE, 50 Hz, 300 W, separate switch cabinet
Air supply:	6 bar, dry, non-oiled air; connection ¼ ", air consumption 100 l/min (w. 2 suction chambers)
Dimensions (B x T x H) / Weight:	908 x 755 x 1712 mm (exit extension 150 mm, pedestal with switch cabinet), approx. 170 kg, (with pedestal and switch cabinet)
Sound level (with 2 suction chambers)	Max. 70 dB (A), with pressure air 6 bar

Dimensions



Options

Magazine/Loading

Magazine height 300/800/1,000 mm
 Angled magazine with increased autonomy (up to 1,200 mm)
 Autoloader 500 – 3,000 mm (inline or 90°)
 Multiple magazine (Tandem/Exchange magazine)
 Roller support extension up to 600 mm
 Electric or pneumatic vibrator in stack magazine, can be switched off

Integration of Peripheral Devices

Marking systems (labeler, printer)
 Gluing systems (hot melt glue, cold glue etc.)
 Control systems (scanner, camera, etc.)
 Folding device
 Ionization unit

Controlling

Signal lamp (2 to 4 colors)
 Level control in magazine/autoloader
 Double sheet control electro mechanic/ultrasonic solution

Separation

Pusher for separation instead of friction wheel
 Anti-static unit for film products

Transportation

Shingling conveyor
 Reception tray, can be adjusted to different formats
 Toothed belt
 Suction belt 2 to 4 lanes
 Alignment conveyor left/right

Counting & Positioning

Buffer rake for stacking
 Down pressing unit
 Servo linear positioning device

Outfeed Options

Exit extension 300/500/800 mm
 Exit extension inclination angle 90° (downwards/upwards)
 Vacuum exit extension 300/500/600/800 mm
 Adjustable lateral guides in exit extension
 Ejection of faulty parts

Other

Feeding width 100 – 1,000 mm
 Floorstands: movable, vertically adjustable
 Pre-defined wear part packages
 Special versions by request

