

### Feeder for paper processing and wrapping machines

#### Design and characteristic features:

- Feeding width 235 or 285 mm standard
- Single or multi product feeding
- Exact air gap adjustment via micrometer screws
- Contra-rotating separating roll
- Product run-time monitoring for missing sheet detection
- Product magazine for loading is easily accessible
- Individually adjustable and tiltable stack support
- Min. stack monitoring in the magazine
- Tilttable exit extension 150 mm
- Infinitely adjustable feeding speed
- Drive actuated via DC servo-motor
- RS 232-Interface



#### Control:

- Microprocessor control
- PLC interface, 15 pins
- Operator guidance and status indication by 2-line LC display
- Preselection for piece number with NOM/ACT comparison
- Continuous mode operation selectable
- Function test for self-diagnosis
- Fault message indication by way of signal lamp and display
- Preselection of the start pulse (high/low)
- Adjustment of the product length for double sheet detection
- Adjustable product stop position
- Follow-up time of the blast air signal adjustable from 0 to 300 ms
- Operator language selectable in German, English, French and other languages
- Electric and electronic plug-type connections

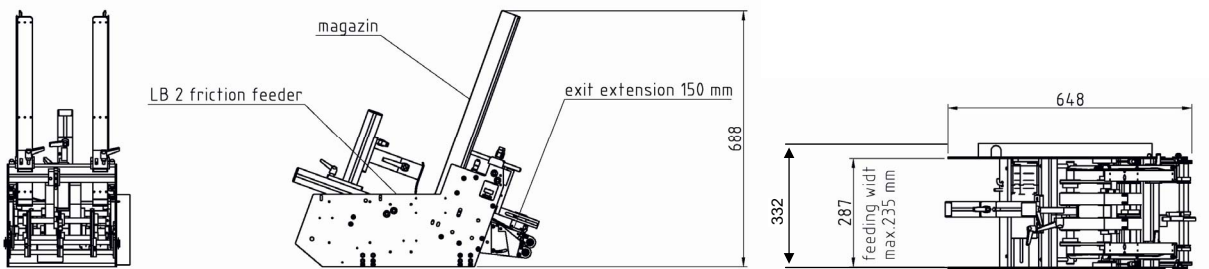
#### Options:

- Tacho-generator control for external synchronization of the conveyor speed

# LB-2 friction feeder Technical Data (Standard configuration)

	LB-2 with feeding width 235	LB-2 with feeding width 285
Formats (special formats possible):	Format range 1: min. 60 x 60 mm, max. 300 x 250	Format range 2: min. 60 x 60 mm, max. 300 x 300
Belt speed/ feeding performance (continuous mode / indexed), depending on product:	Max. 150 m/min. / up to a maximum of 1,200 products/min. (continuously) / up to a maximum of 600 products/min /indexed)	Max. 150 m/min. / up to a maximum of 1,200 products/min. (continuously) / up to a maximum of 600 products/min /indexed)
Product passage:	Min. 0,1 mm, Max. 5 mm Paper quality min. 80 g p. m <sup>2</sup>	Min. 0,1 mm, Max. 5 mm Paper quality min. 80 g p. m <sup>2</sup>
Magazine loading: (depending on the product):	Standard 580 mm Option 800 mm / 1,000 mm	Standard 580 mm Option 800 mm / 1,000 mm
Drive:	DC motors, infinitely controllable	DC motors, infinitely controllable
Control:	Microprocessor control, PLC interface, functions for no. of pieces, continuous mode, self-diagnosis, fault message etc.	Microprocessor control, PLC interface, functions for no. of pieces, continuous mode, self-diagnosis, fault message etc.
Supply voltage / Power input:	230 V / 50 Hz, 300 VA	230 V / 50 Hz, 300 VA
Compressed-air connection: (required for vacuum chamber and stacking rake)	6 bar dry, oil-free air, connection ¼ "	6 bar dry, oil-free air, connection ¼ "
Dimensions (W x D x H) / Weight:	650 x 332 x 688 mm (exit extension 150 mm, standard stack height) / approx. 36 kg, depending on the design	650 x 332 x 688 mm (exit extension 150 mm, standard stack height)/ approx. 36 kg, depending on the design

## Dimensions standard configuration, feeding width 235 mm:



## Options:

Exit extension:	Length 300 / 500 mm, inclination up to 90° variants with flat belts, suction conveyor, adjustable lateral guidings, blast air nozzle
Air gap heightening:	From 0 to 10 mm
Feeding widths:	235 to 735 mm, special formats possible
Support extension:	Up to a maximum of 700 mm , special dimensions upon request
Double sheet detector:	Mechanical / electrical / ultrasonics
Vacuum module for friction belt:	With vacuum pump or multiejector
Transfer belt:	For products smaller than a feeding length of 60 mm
Buffer rake:	With automatic control, blast air and safety switch, without automatic control
Tacho-generator control:	FW 520T, for signal 0 to 10 V
Magazine loading	
Autoloader:	500 mm up to 3,000 mm, optionally vertical magazine
Stacking tray:	Stacking height up to 200 mm, level control
Start light barrier:	For external start pulse
Level control:	In the stack magazine
Warning lamp:	3 colours
Base:	Movable and vertically adjustable +/- 50 mm, Movable with electrically driven height setting, setting range +/- 200 mm