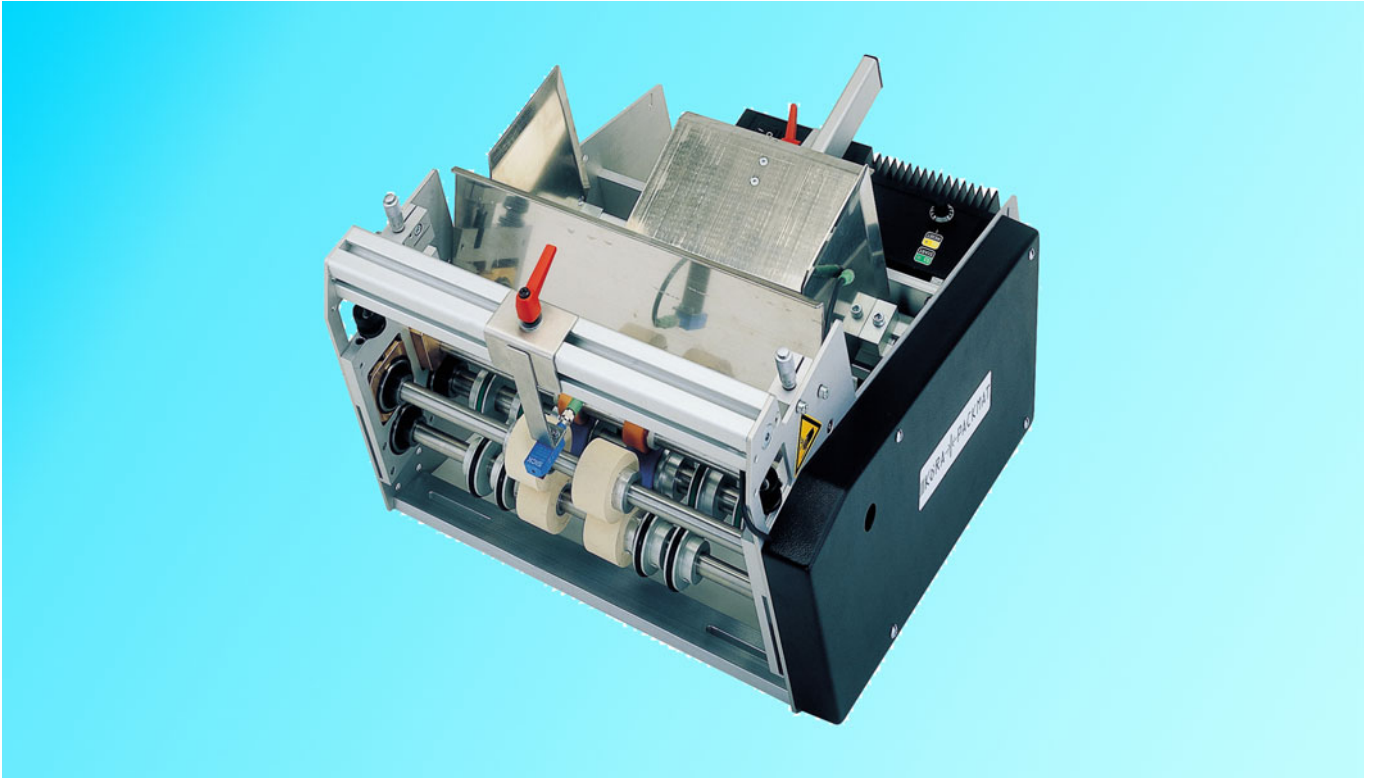


Friction feeder LLC

Product feeder for paper processing and wrapping machines



Design and characteristic features:

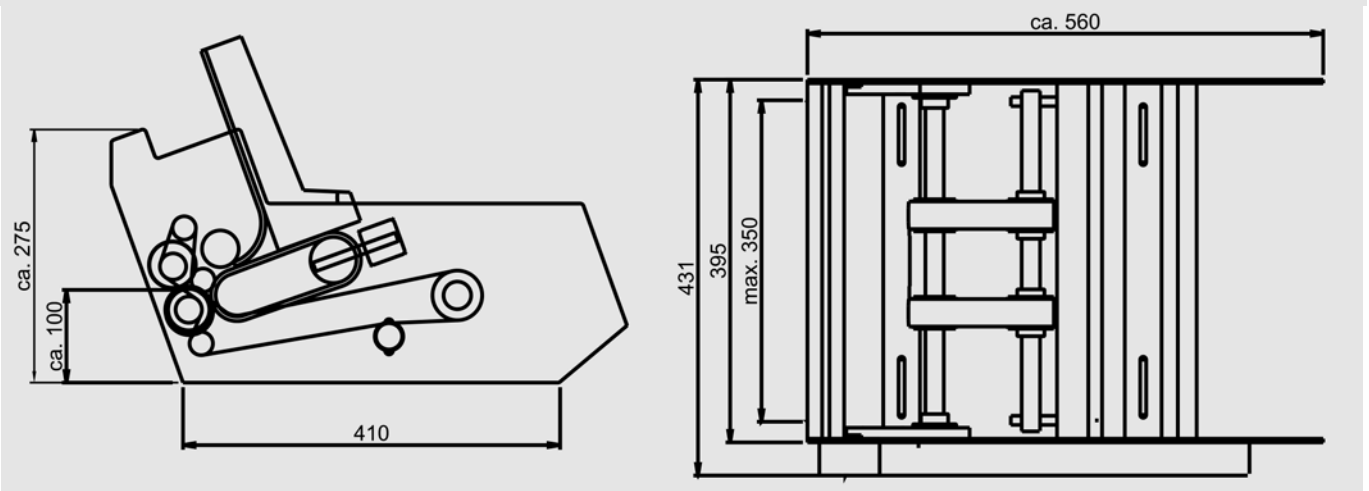
- Feeding width 350 mm standard
- Single product feeding
- Exact air gap adjustment via micrometer screws
- Light barrier for missing sheet detection
- Product run-time monitoring for double sheet detection
- Product magazine for loading is easily accessible
- Individually adjustable and tiltable stacking shoe
- Min. stack monitoring in the magazine
- Infinitely adjustable feeding speed
- Drive actuated via DC Motor

Microprocessor control:

- PLC interface, 15 pin
- Continuous mode operation selectable
- Function test for self-diagnosis
- Fault message indication by way of RESET luminous button and signal lamp
- Preselection of the start pulse (high/low)
- Adjustment of the product length for double sheet detection by way of potentiometer
- Feeding speed adjustment by way of potentiometer
- Product stop position adjustable by way of light barrier
- Electric and electronic plug-type connections
- Reset and start by external PLC
- External start possible (by way of light barrier, etc.)

Technical data:	
	LLC with feeding width 350 Art.-No. Single feeding, 2 phases: LLC0000002; Single feeding, 1 phase: LLC0000001; counting: LLC0000004; Counting, 2 phases: LLC0000003; Counting: LLC0000012
Formats (special formats possible)	Format range 1: min. 60 x 60 mm, max. 250 x 350
Belt speed/ feeding performance (indexed), depending on the format:	Max. 40 m/min. / up to a maximum of 48 products/min. (indexed, DIN A4)
Product passage:	Min. 0.01 mm, Max. 5 mm
Magazine loading: (depending on the product)	Standard 150 mm, Option 580 mm / 1,000 mm
Drive:	DC Motor, infinitely controllable
Control:	Microprocessor control, PLC interface, functions for fault message etc.
Supply voltage: Power input	230 V / 50 Hz, 300 VA
Compressed-air connection	6 bar dry, oil-free air, connection ¼ " only necessary if provided with suction chamber or buffer rake
Dimensions (W x D x H) / Weight:	560 x 430 x 270 mm (without extended outfeed, standard stack height)/ approx. 28 kg, depending on the design

Dimensions for standard model, feeding width 350 mm:



Options:

Extended outfeed:	<ul style="list-style-type: none"> Length up to 500 mm, inclination up to 90° Variants with flat belts, suction conveyor, adjustable lateral guidings, air stream nozzle and stop and positioning unit 	Magazine loading	
Air gap increase:	<ul style="list-style-type: none"> From 0 to 10 mm / to a maximum of 30 mm 	High stack magazine:	<ul style="list-style-type: none"> 580 mm
Feeding widths:	<ul style="list-style-type: none"> 300 to 600 mm, special formats possible 	Stream feeder band:	<ul style="list-style-type: none"> 1,000 mm to 3,000 mm, optionally with 1 up to 4 vertical magazine guides
Extended support:	<ul style="list-style-type: none"> Up to a maximum of 500 mm 	Multi-magazine:	<ul style="list-style-type: none"> With 5 guides, incl. change magazine for chip cards (85 + 55 mm) and control
Double sheet detector:	<ul style="list-style-type: none"> Mechanical / electrical or optional: With optics /sensors or ultrasonics 	Stacking tray:	<ul style="list-style-type: none"> For different formats, stacking height 200 mm
Suction module for friction belt:	<ul style="list-style-type: none"> With vacuum pump or multiejector 	Start light barrier:	<ul style="list-style-type: none"> For external start pulse
Intermediate belt:	<ul style="list-style-type: none"> For products with a maximum feeding length of 60 mm 	Level control:	<ul style="list-style-type: none"> In the stack magazine
Count module:	<ul style="list-style-type: none"> For higher piece numbers (2 decades) 	Additional signal lamps	<ul style="list-style-type: none"> For optical fault indication / status indication
Buffer rake:	<ul style="list-style-type: none"> With automatic control, air stream and safety switch, without automatic control 	Base:	<ul style="list-style-type: none"> Movable and vertically adjustable +/- 50 mm, Movable with spindle adjustment +/- 200 mm

Subject to technical modifications