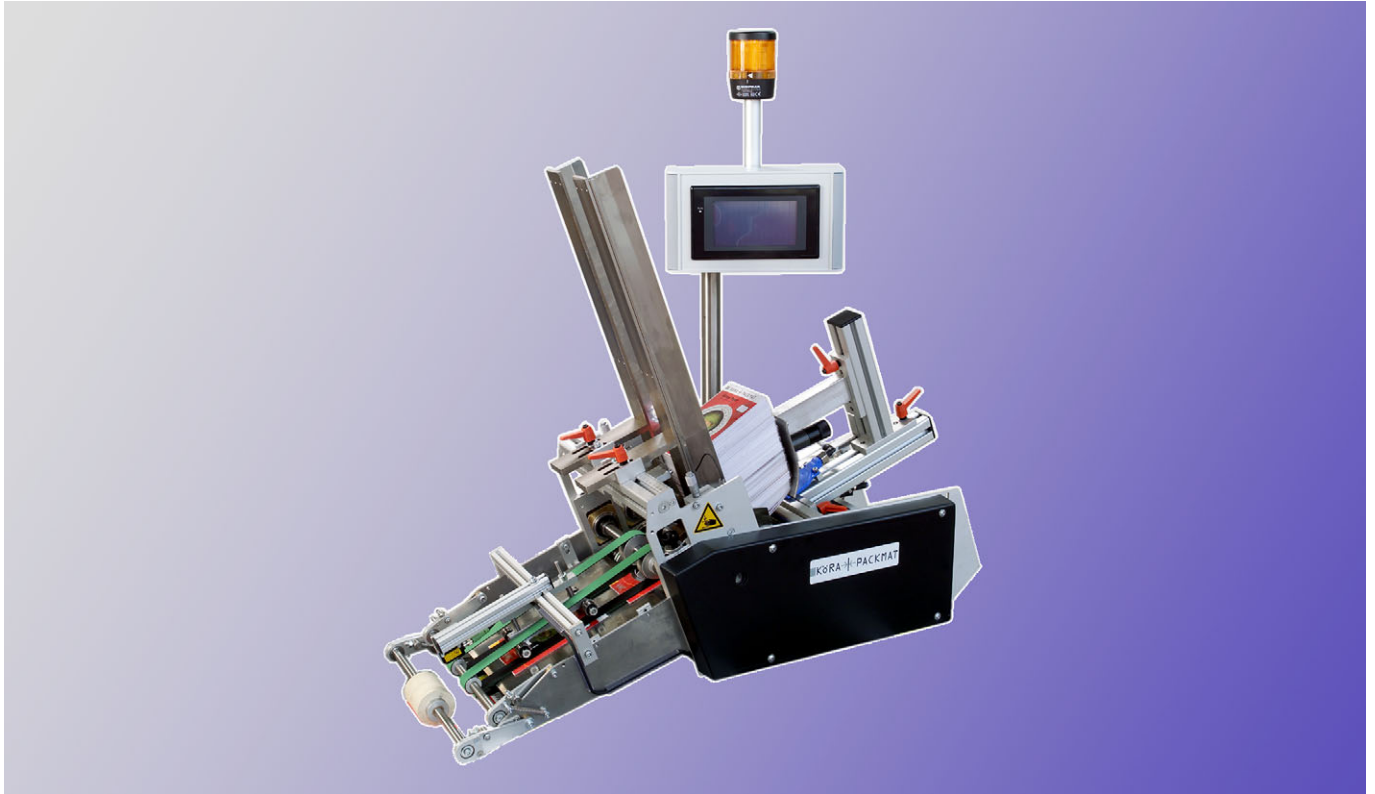


Servo friction feeder LHP

Servo feeder for feeding and glueing machines, for precise positioning of products onto carrier materials



Design and characteristic features:

- Feeding width 250 mm standard
- Single or multi product feeding
- Feeding at the exact position and/or glueing of the products
- Exact air gap adjustment via micrometer screws
- Contra-rotating separating roll
- Light barrier for exact product position
- Product run-time monitoring for missing sheet detection
- Product magazine easily accessible for loading
- Individually adjustable and tiltable stacking shoe
- Min. stack monitoring in the magazine
- Infinitely adjustable feeding speed
- Highly dynamic drive via AC servo motor
- Extended outfeed with flat belt and knife edge for exact feeding

Control unit:

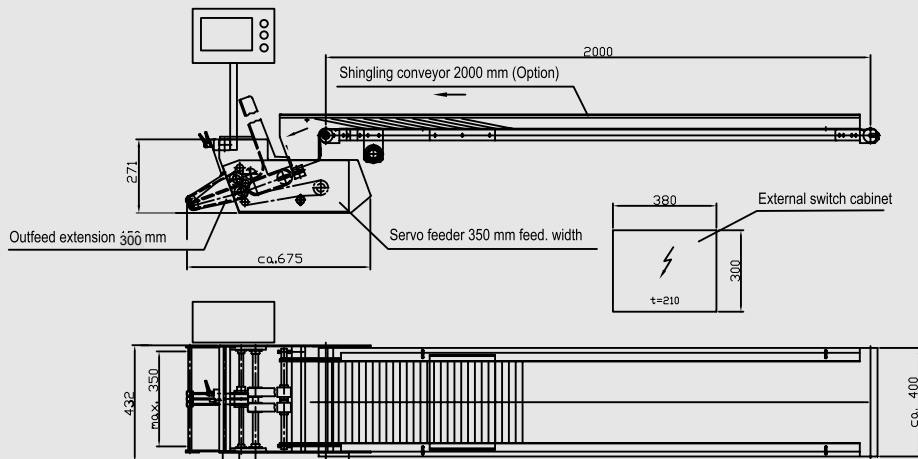
- PLC servocontrol
- User guidance and status display via 2-line LC display or touch screen display (with graphics capability)
- Pre-selection for piece number with REFER/ACT comparison
- Continuous mode operation selectable
- Function test for self-diagnosis
- Fault message indication by way of signal lamp and display
- Adjustment of the product length for double sheet detection
- Adjustable product stop position
- Follow-up time of the blowing air signal adjustable from 0 to 300 ms
- Operator language selectable in German, English or French
- Electric plug-type connections

Options:

- External synchronization of belt speed via incremental encoder

Technical data:	
	LHP of feeding widths 250 / 300 / 350 Art.-No. LHP000250 / LHP000300 / LHP000350
Formats (special formats possible)	Format 1: min. 60 x 60 mm, max. 350 x 300
Belt speed/ feeding performance (continuous mode / indexed), depending on the format:	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. 0,01 mm, max. 5 mm paper grade min. 80 g/m ²
Magazine loading: (depending on the product)	Standard 580 mm, Option 800 mm / 1,000 mm
Drive:	AC servo motors, infinitely adjustable, position accuracy up to +/- 1 mm
Control:	PLC control, with touch screen, monochrome, display 117 x 63 mm, resolution 260 x 140 pixels
Supply voltage: Power consumption:	230 V / 50 Hz, 300 W separate switch cabinet
Compressed-air connection	6 bar dry, oil-free air, connection 1/4 "
Dimensions (W x D x H) / Weight:	650 x 332 x 740 mm (only feeder, extended outfeed 150 mm, standard stack height)/ about 36 kg, without stream feeder band, depending on the design

Dimension of standard machine with autoloader 2000 mm (or infeed conveyor, option), feeding width 350 mm:



Options:

Extended outfeed.	<ul style="list-style-type: none"> Length up to 500 mm, inclination up to 90° With press roller, adjustable lateral guides, blowing air nozzle Knife edge (flat belts) 	Magazine loading	
Air gap increase:	<ul style="list-style-type: none"> From 0 to 10 mm / to a maximum of 30 mm 	Stream feeder band:	<ul style="list-style-type: none"> 1,000 mm to 3,000 mm, optionally 2 or 4 vertical magazine guides
Feeding widths:	<ul style="list-style-type: none"> 250 to 350 mm, special formats possible 	Stacking tray:	<ul style="list-style-type: none"> For different formats
Extended support:	<ul style="list-style-type: none"> U to a maximum of 500 mm, special dimensions upon request 	Start light barrier:	<ul style="list-style-type: none"> For external start pulse
Double sheet detector:	<ul style="list-style-type: none"> Mechanical / electrical or optional: With optics /sensors or ultrasound 	Level control:	<ul style="list-style-type: none"> In the stack magazine
Suction module for friction belt:	<ul style="list-style-type: none"> With vacuum pump or multiejector 	Additional signal lamp	
Transfer belt:	<ul style="list-style-type: none"> For products smaller than a feeding length of 60 mm 	Base:	<ul style="list-style-type: none"> Movable and vertically adjustable +/- 50 mm, Movable with spindle adjustment +/-200 mm,

Subject to technical modifications