

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

Design and characteristic features:

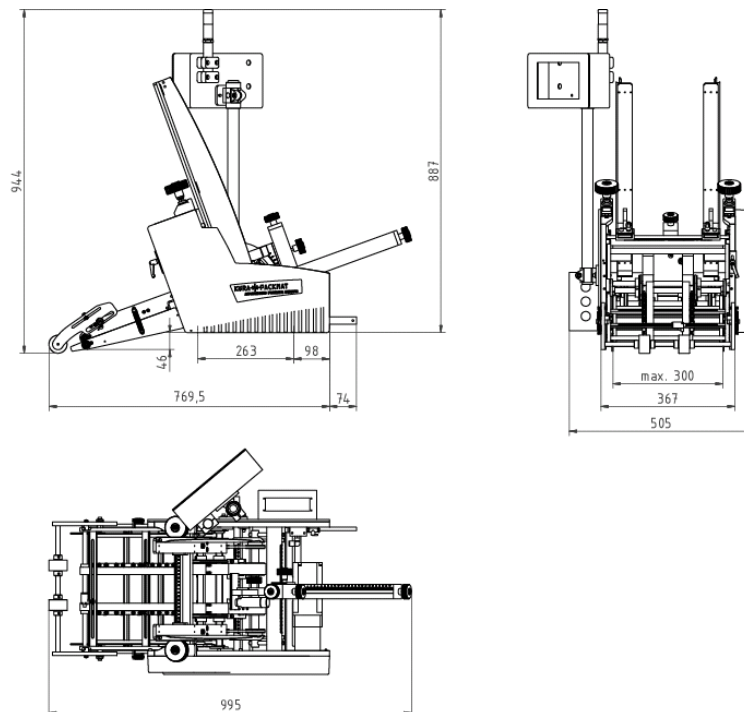
- Feeding width 300 mm standard
- Single feeding and optional counting
- Feeding at the exact position and/or glueing of the products
- Exact air gap adjustment via micrometer screws
- Contra-rotating separating roll
- Product run-time monitoring for missing sheet detection
- Product magazine easy accessible for loading
- Min. stack monitoring in the magazine
- Individually adjustable and tiltable stack support
- Pneumatic vibrator at stack support
- Infinitely adjustable feeding speed
- Highly dynamic drive via AC servo motor
- Vacuum module for friction belt, with multiejector
- Intermediate belt for products smaller than feeding length 60 mm
- Exit extension 300 mm with flat belt, width 20 mm and knife edge for exact feeding
- Upper part of the exit extension is tiltable
- Spring mounted pressure bar with rolls, tiltable with upper part of the exit extension
- Adjustable lateral guides
- Adjustable pressure rollers after exit extension
- Start light barrier for external start pulse
- Shortened lateral plates, reinforced version

Control:

- PLC Control
- Operator guidance and status display via touch screen display (with graphics capability)
- 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 air blast signal adjustable from 0 to 300 ms
- Operator language selectable in German, English or French
- Electric plug-type connections
- External synchronization of belt speed via incremental encoder

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|--|---|
| Format range (special formats possible): | min. 25 x 60 mm, max. 300 x 335 (L x W) |
| Speed/ feeding performance (depending on product): | Max. 180 m/min. / up to 1,400 products/min. (continuously) / up to 600 products/min (cycled) |
| Product passage: | Min. 0, 1 mm, max. 30 mm, paper grade min. 60 g/m ² |
| Magazine loading (depending on product): | Standard 600 mm, Option 800 mm / 1,000 mm |
| Drive: | AC servo motors, infinitely adjustable, position accuracy up to +/- 1.5 mm |
| Control / Display: | 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: | 505 x 995 x 944 mm (only feeder, exit extension 300 mm, standard stack height) / about 36 kg, without autoloader, depending on the design |

Dimension standard machine, feeding width 300 mm:



04/2010 Technical modifications reserved

Options:

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| Exit extension: | Up to 500 mm, inclination up to 90° |
| Feeding widths: | 250 to 500 mm, special formats possible |
| Support extension: | Up to a maximum of 700 mm , special dimensions upon request |
| Double sheet detector: | - Mechanical / electrical - Ultrasound sensor |
| Magazine loading | |
| Autoloader: | 500 mm to 3,000 mm, optionally vertical magazine for autoloader |
| 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 |