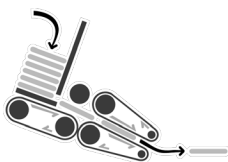


Friction Feeder AF3-300 AdvancedFeeder



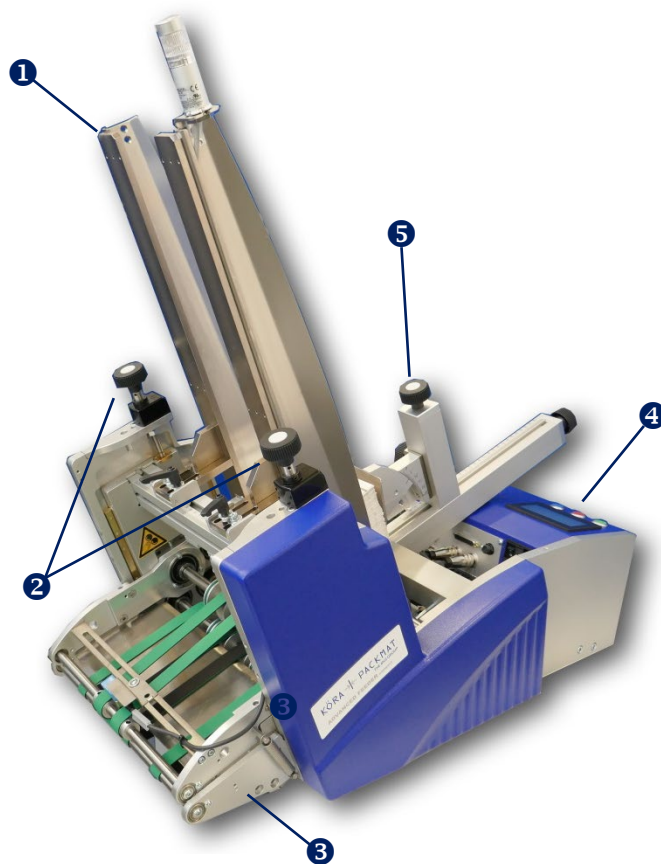
Application

The universal feeder for flat products (paper, cardboard, plastic, film, etc.)
Can be integrated in paper converting, subsequent processing and wrapping machines

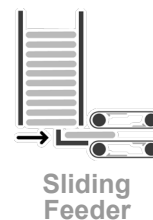
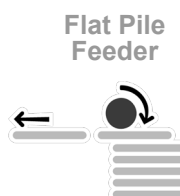
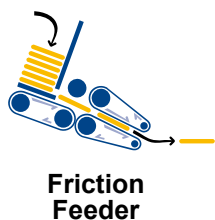
| Technical Data | | Products | |
|----------------|--|----------------|---------------------------|
| Performance | Up to 160 m/min | Feeding length | 25 bis 350 mm |
| | | Feeding width | 60 bis 300 mm |
| Power supply | 230 V / 50 Hz, 500 W | Quality | min. 60 gr/m ² |
| Control | Micro processor, PLC interface, 15 pins | Thickness | Up to 25 mm |

Standard Properties

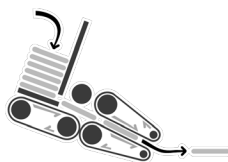
- ❶ Magazine loading: 600 mm, with integrated signal lamp 3-S system
 - ❷ Quick adjustment of the product thickness (air gap, exit extension, magazine), electrical display
 - ❸ Swiveling exit extension 150 mm
 - ❹ PLC control
 - ❺ Individually adjustable and reproducible stack support
-
- Feeding width 300 mm standard
 - Product feeding: Single, counting or with pulse generator
 - Missing sheet detection by product run-time monitoring
 - DC motor, infinitely adjustable
 - Minimum stack level monitoring in magazine
 - Reproducibility at all set points by means of scales
 - Intermediate belts for products with feeding length < 60 mm
 - Compact design, control unit demountable
 - Suction chamber with perforated belts and ejector



Technical details and further options see back side



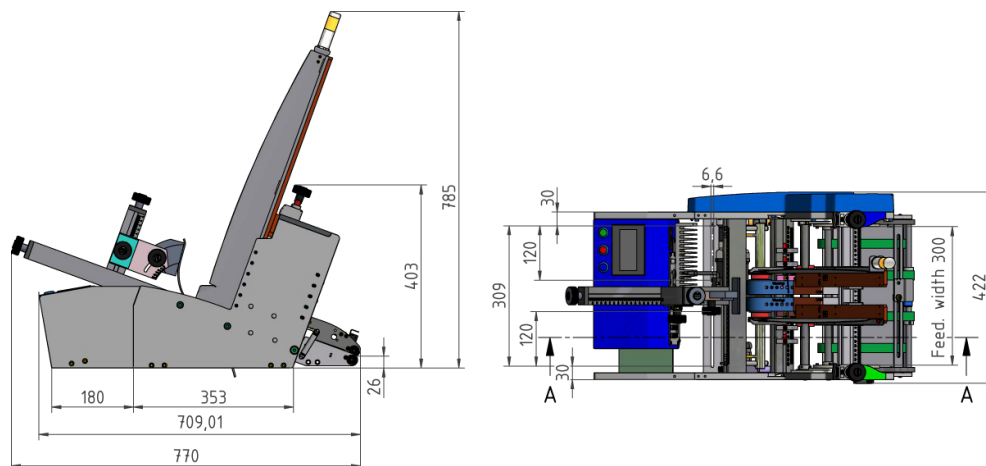
Friction Feeder AF3-300 AdvancedFeeder



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): | 10 - 160 m/min up to 1,500 Products/min (continuous/DIN-A7 format cross) approx. 380 products/min (cycled/DIN-A7 format cross) |
| Product passage: | Up to max. 25 mm, paper quality min. 60 gr/m ² , product dependent |
| Magazine loading (depending on product): | Standard 600 mm |
| Drive: | DC motor, infinitely adjustable |
| Control: | PLC control; PLC interface 15 pins; Ethernet communication vis Modbus TCP; counting function; daily counter; pulse generator; continuous running; Protection type IP 40; 3,8" touchpanel; self-control functions with diagnosis information, fault messages, parameter selection, product length setting for missing sheet control, operator language selectable (D, E, F Standard), etc. |
| Supply voltage / Power input: | 230 V / 50 Hz, 500 W |
| 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: | 770 x 422 x 785 mm (exit extension 150 mm, standard stack height), approx. 50 kg, depending on application |
| Sound level (with 2 suction chambers) | Max. 70 dB (A), with pressure air 6 bar |

Dimensions (Standard unit, 300 mm)



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/Revolver/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 (1 to 3 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 up to 800 mm
Exit extension inclination angle 90° (downwards/upwards)
Vacuum exit extension 300/500/600/800 mm
Adjustable lateral guidings in exit extension
Ejection of faulty parts

Other

Feeding width 100 – 1,000 mm
External operator panel 4,3" with touchscreen and OPC UA communication interface
Floorstands: movable, vertically adjustable (mechanical or motorized)
Pre-defined wear part packages
Food & Pharma version up to IP 65
Special versions by request

