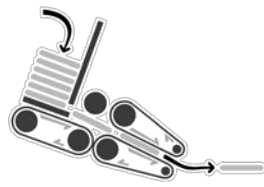


# Friction Feeder

## BF2-300

### BasicFeeder



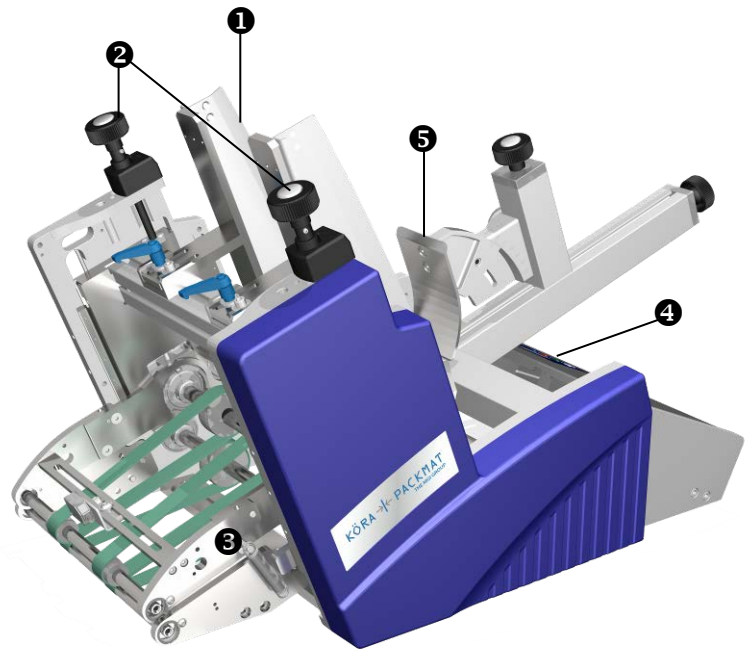
## Application

The feeder for flat products (paper, cardboard, plastic, film, etc.)  
in the middle performance range

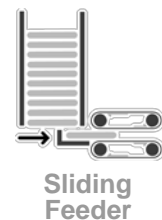
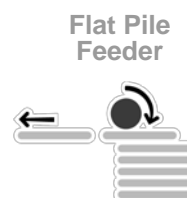
Technical Data		Products	
Performance	10 - 80 m/min up to 80 cycles/min	Formats	min. 60 x 50 mm max. 350 x 300 mm
Power supply	230 V / 50 Hz, 300 VA	Quality	min. 80 gr/m <sup>2</sup>
Control	Microprocessor, PLC interface, 15 pins	Thickness	0,1 – 12 mm

## Standard Properties

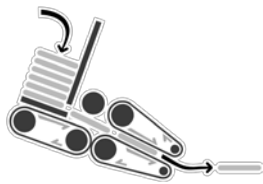
- ❶ Magazine loading: 300 mm  
*optional: other heights*
- ❷ 3-S-System: Quick adjustment of the product thickness (air gap, exit extension and magazine), mechanical display
- ❸ Swivelling exit extension 150 mm  
*optional: other lengths*
- ❹ Microprocessor control unit with PLC interface
- ❺ Individually adjustable and reproducible stack support
- Feeding width 300 mm standard  
*optional: other widths*
- Single product feeding  
*optional: counting*
- Missing sheet detection by product run-time monitoring
- DC motor, infinitely adjustable
- Minimum stack level monitoring in magazine
- High reproducibility at all set points



Technical details and further options see back side



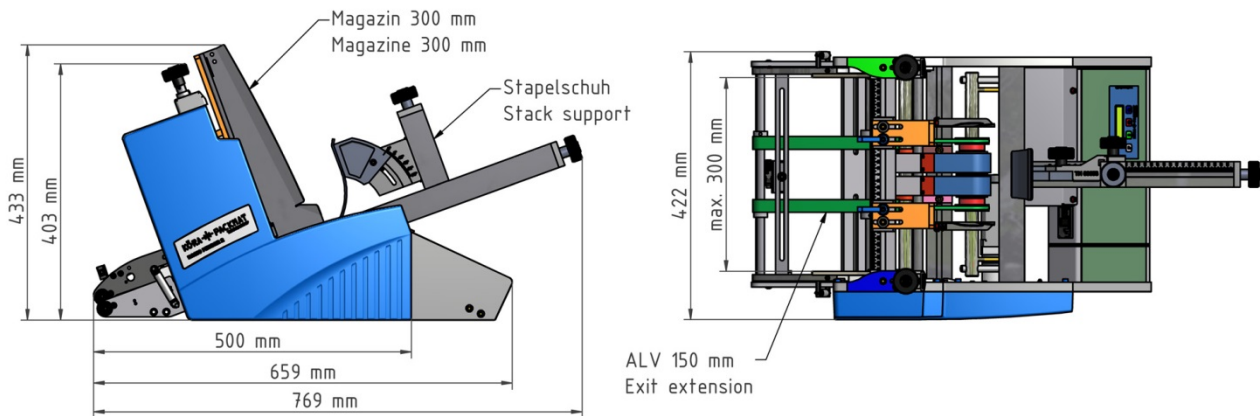
# Friction Feeder BF2-300 BasicFeeder



## Technical Data (Standard Configuration)

Formats (special formats possible):	min. 60 x 50 mm, max. 350 x 300 mm (short side leading)
Belt speed / Feeding performance (depending on product):	10 - 80 m/min. / up to 80 products/min. (DIN A4 cross, cycled)
Product passage:	min. 0,1 mm, max. 12 mm, paper thickness min. 80 g/m <sup>2</sup>
Magazine loading (depending on product):	Standard 300 mm, DIN A4 max. 50 mm usable
Drive:	DC motor, infinitely adjustable (low noise)
Control:	Microprocessor control etana; PLC interface 15 pins; Protection type IP 40; 4-line LC display; self-control functions with diagnosis information, fault messages, parameter selection, product length setting for missing sheet and doublesheet control, etc.
Supply voltage / Power input:	230 V / 50 Hz, 160 W
Air supply:	6 bar, dry, non-oiled air; connection ¼ "
Dimensions (B x T x H) / Weight:	769 x 422 x 433 mm, approx. 40 kg, depending on equipment

## Dimensions



## Options (product dependent)

### Magazine/Loading

- Magazine height 600/800/1,000 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 (labeller, printer)
- Gluing systems (hot melt glue, cold glue etc.)
- Control systems (scanner, camera, etc.)
- Folding device
- Ionization unit

### Controlling

- Signal lamp (1 to 3 colours)
- Level control in magazine/autoloader

### Separation

- Pusher for separation instead of friction wheel
- Anti-static unit for film products
- Intermediate belt (for products < 60 mm)
- Suction chamber with perforated belts and ejector / vacuum pump

### Transportation

- Shingling conveyor
- Reception tray
- Toothed belt
- Suction belt

### Counting & Positioning

- Counter function
- Pulse generator
- Buffer rake for stacking
- Down pressing unit
- Servo linear positioning device

### Outfeed Options

- Exit extension 300 mm
- Exit extension inclination angle 90° (downwards/upwards)
- Vacuum exit extension 300 mm
- Adjustable lateral guidings in exit extension
- Ejection of faulty parts

### Other

- Feeding width 100 – 400 mm
- Floorstands: movable, vertically adjustable
- Special versions by request
- Pre-defined wear part packages

