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

**Design and characteristic features:**

- Feeding width 300 mm standard
- Product feeding single
- User-friendly and easy fine product gap setting by means of mechanic position displays
- Two setting points for the complete product gap setting from 0 to 12 mm, exit extension included
- Counterrotating separating rollers, equal abrasion of the friction rolls
- Missing sheet detection by product length control
- Min. stack monitoring in the magazine
- Product magazine 300 mm easily accessible for loading
- Individual adjustable and readjustable stack support
- Swivelling exit extension 150 mm with flat belts
- Infinitely adjustable feeding speed
- Drive actuated via powerful DC motor
- Scales for easy readjustment at all setting units
- Ruggedly designed machine frame, anodised aluminium, non-corrosive steel
- Low noise level
- Specification according to EC machinery directive, CE-conformity

**Control:**

- 2-line LC-Display
- User guidance and status display in 9 languages (German, Engl, French, etc.)
- Microprocessor control
- Protection type IP 40
- PLC-Interface, 15 pins
- Self-control functions
- Fault message indication by way of signal lamp and display
- Preset of the start pulse (high/low)
- Product length setting for doublesheet control
- Product stop position adjustable
- Blowing air follow-up time settable from 0 to 300 ms
- Electrical and electronic connectors of plug-in type
BF-300 BasicFeeder Friction feeder

Technical Data (Standard configuration)

| Formats (special formats possible): | min. 60 x 50 mm (short side leading), max. 350 x 300 mm (short side leading), |
| Feeding speed/feeding performance (depending on product): | max. 80 m/min. / up to 80 products/min. (DIN A4, cycled) |
| Product passage (depending on product): | min. 0.1 mm, max. 12 mm, paper quality min. 80 g/m² |
| Magazine loading: (depending on the product): | Standard 300 mm, DIN A4 max. 50 mm max. load |
| Drive: | DC-Motor |
| Control: | Microprocessor, PLC control, error warning, Ready-to-operate relay V/A, etc. |
| Supply voltage / Power input: | 230 V / 50 Hz, 300 VA |
| Air supply: | 6 bar, dry, non-oiled air; connection ¼" only required, when equipped with vacuum suction chamber or support rake |
| Dimensions (W x D x H) / Weight: | 801 x 408 x 434 mm / approx. 40 kg, depending on equipment |

Dimensions standard unit, Feeding width 235 mm:

Options:

- Exit extension:
  - Length 300 mm, 500 mm, Inclination up to 90°, plus customized versions
  - Adjustable lateral guides
- Feeding width: 250, 350, 400
- Product support extension: Up to max. 500 mm, special measures on request
- Double sheet control: Electromechanic / electrically / ultrasonic solution
- Vacuum suction chamber for friction belt: With vacuum pump or multi ejector
- Support rake: With self-control, blowing air and safety switch

Magazining

- Magazine stack: 600 mm (depending on product)
- Autoloader: 500 up to 3,000 mm, Option: vertical stacking magazine
- Stacking tray: Stacking height 200 mm, with limit stop
- Start sensor: For external start pulse
- Level control: In stacking magazine / autoloader
- Signal lamp: For optical error display / status display; 1, 2, or 3 colours
- Floor stand:
  - Movable and vertically adjustable +/- 50 mm
  - Electrically adjustable
- Further: Special versions on request

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