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# Reliable and Efficient

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## Loading of Feeders

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BSA 5000 with suction feeder SF

### >> Your Benefits Checklist:

- Large stacking capacity
- Simple paper size setting
- High reliability
- High feeding speed
- Feeding sheets of different paper weights in the same stack

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## Bulk Loader BSA 5000

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Today's large volumes of cut sheet paper make manual loading increasingly difficult. Personnel must always be present to monitor the paper level in the magazines and to keep an eye on the necessary adjustments. The flexible loading system BSA 5000 make these procedures superfluous, taking account your individual needs.

The bulk loader BSA 5000 is a high capacity preloader, which is used in conjunction with feeders. The BSA automatically supplies feeders (mainly vacuum bottom feeders) with a shingled stream of sheets in the printed sequence, which means that continuous operation is possible without interruption for replenishing the paper stack and without the constant need for supervision. The stacker of the BSA holds about 5,000 sheets. Therefore the reliability of the entire mailing system increases because its automatic loading function always guarantees optimum sheet amount in the (vacuum) bottom feeder.

Sensors continuously monitor the height of the paper stack in the feeder. When the stack drops below a predetermined level, the bulk loader automatically reloads the feeder with the required number of sheets. Since this process is repeated automatically in repetitive cycles, the feeder is always loaded with an optimal number of sheets.

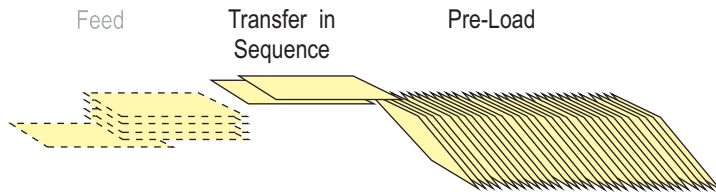
The units are mobile and height-adjustable, so that different types of feeders or systems may be combined. Via an electrical interface signals like: Ready-signal, e-stop, min. stack can be communicated to the base machine (insertor or wrapping-machine). An anti-static device is optional available.

The BSA system ensures optimum paper feed and prevents interruptions in the work flow.

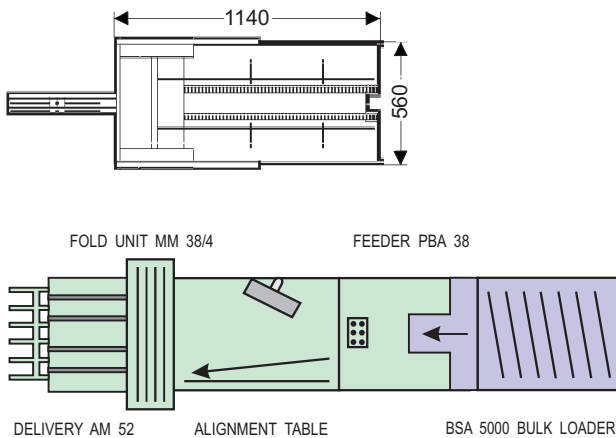


# Bulk Loader BSA 5000

## >> Flow Chart



## >> System Layout



### Specifications:

#### Paper sizes:

max. width 305 mm x length 356 mm (12" x 14")

min. width 178 mm x length 203 mm (7" x 8")

The paper length is depending on the way how the loader is attached to the feeder.

#### Paper weight:

70 to 160 GSM

#### Speed:

max. 100 m/min. (depending on material)

#### Capacity:

5,000 sheets (A4 or 8.5" x 11"; 80 GSM, depending on material)

#### Delivery height:

950 mm (+ 80 mm)

#### Weight:

approx. 100 kg

#### Electrical:

Voltage: 230 VAC or 120 VAC

Frequency: 50 Hz or 60 Hz

Power consumption: 300 W

