

# Kern 5000 multiformat inserting system



## The multiformat system Kern 5000 sets new standards in the disciplines flexibility, versatility and operation.

The Kern 5000 is a multiformat inserting system which can be used flexibly for all envelope sizes. The inserting system meets the requirements of a modern service provider, to process all applications on the same system.

In the center of the system stands the rotation module. Depending on the application, the documents can be rotated by 90 degrees or be transported straight through. The built in logic decides according to the windows position, whether the document or document group must be rotated or not to be fitted into the envelope. In case of a folding application for C5/6 or C5 envelopes, the documents will be transported straight through the rotating module.

The inserting system has a maximum output rate of 16,000 envelopes/hour and can be continuously adjusted according to the requirements.

Even packing groups with high page counts can be processed safer and quicker in connection with the high-performance cutter Kern 996 or the single sheet feeder Kern 971.

When developing the system solution a high focus was set on an easy adjustment.

The setting of the folding plates, the rotation module and the document transportation in the inserting system is done automatically. Therefore the downtime is reduced to a minimum when changing the format.

The successful operating concept of the Kern installations was taken over and simplifies the operation and setting of the system.

System access has been designed to enable the operator to quickly fix possible malfunctions or problems.

### Our Services

- Personal advisory service on-site
- System integration
- Requirement analysis
- Work out an ideal solution
- On-site training of your employees
- Comprehensive support during operational phase

### Features

- Document format as from (WxL) 210–225 mm x 88.9–305 mm (14" with fold applications)
- Processing up to 16,000 envelopes/hour
- Envelope format C6/5 up to B4
- Automatic settings
- Kern mailFactory® compatible
- Maximum flexibility, efficiency and reliability
- Very flexible application range
- Small to large production volumes



### Kern AG

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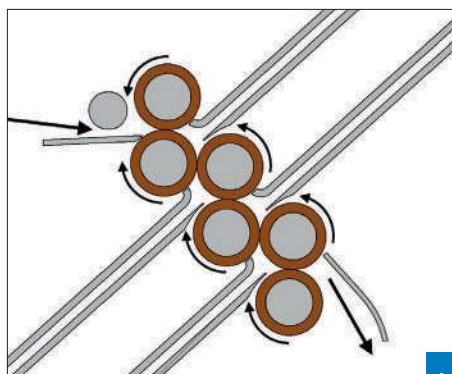
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# kern



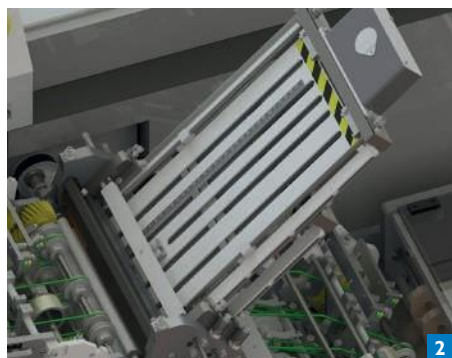
# Additional to the System **Kern 5000**



## 1 Fold

The Kern 5000 is equipped with a 4-pocket folding unit by default. As a result, all common types of folds can be processed.

The folding plates can be equipped with automatic adjustment of the two functions 'folding position' and 'deflection' for a quick conversion of the system (optional).



## 2 Automatic settings

The Kern 5000 can optionally be equipped with automatic adjustment. When changing the application the necessary calibrations are automatically moved to the desired position.

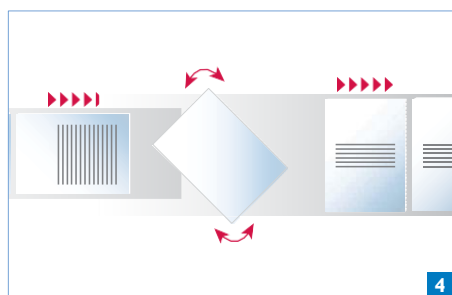
With this function, downtime is reduced to a minimum when changing the format.



## 3 Operating

Operating the Kern 5000 is simple and clearly structured. Wherever necessary, the system operator is supported with images and graphics. Therefore, System interventions can be performed very quickly and precisely.

Optimal accessibility thanks to opening tables and folding systems.



## 4 Rotating

The rotary module is the heart of the multiformat Kern 5000 system. Document groups are automatically rotated by 90 degrees to the left or right, or transported straight through the module when processing folding applications.

The rotary module is combined with an additional grouping position module. Virtually all possible applications can be processed via this combination.

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