



kern**Mail**

# Kern 1600 continuous feed Multi format inserting system

The versatile solution with continuous feed



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# Kern 1600 continuous feed Multiformat inserting system

**The Kern 1600 continuous feed is fast, simple, versatile and flexible in its professional application potential. This flexible multi format inserting system is the ideal investment for the medium performance range.**

The Kern 1600 continuous feed boasts a high degree of flexibility, fast setup, the greatest possible reliability, and ease of operation. It is suitable for use in the transactional and direct advertising markets.

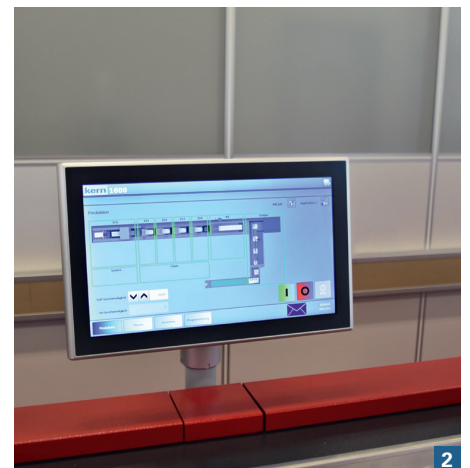
During the further development of the Kern 1600 continuous feed, Kern responded to customer needs and expanded the multi-format inserting system to be fed from a continuous stack feeder or reel. Its design was aimed deliberately at industrial packaging, rather than office systems. The Kern 1600 continuous feed can therefore be used permanently in continuous 3-shift operation, offering its users a high level of protection of their investment.

The Kern 1600 continuous feed is incredibly flexible in terms of application processing. By incorporating and adapting components from the Kern product family, the company has made it fully compatible with existing Kern systems.

Continuous forms are fed by the Kern 996 high-speed cutter, which is available in the performance versions Compact or Standard. The documents are then turned 90 or 180 degrees or transported straight through the **DFM rotating and folding module (3)**, depending on the application. Thanks to this functionality, the customer is free to choose the print preparation.

Thanks to the hinged folding unit and grouping stations, interventions can be remedied quickly and easily. In addition, the grouping sequence can be easily changed over, thus offering the highest possible flexibility for processing.

Optionally, documents can be fed via the single sheet feeding module (1), for processing by folding or non-folding applications.







3

The individuality of the Kern 1600 continuous feed can even be extended with the **system channel**. This allows the additional integration of the Kern 971 input module for single sheets. With the option of an additional “turnover”, the document feeding options become even more flexible.

The inserting unit (4), like the rest of the system, can be quickly and easily changed over to a new application. The system is equipped with output bin and shingling conveyor. Additional bins can optionally be provided.



4

The system can optionally be factory fitted with an automatic adjustment device. This allows the changeover to be reduced to a few simple steps by the operator. This very short changeover time and rapid availability for new jobs is a major strength of the Kern 1600 continuous feed.

The system is operated via a touch panel (2), that is customised to the operator. In the event of a fault, the operator is supported with troubleshooting images.

The Kern 1600 continuous feed is also integrated in the mailFactory® Suite and further highlights the compatibility of the Kern product family.

## At a glance

### Kern 1600 continuous feed

- Document format:
  - 1-up format width: 148–295 mm
  - 2-up format width: 296–520 mm
  - Document length: 89–407 mm
- Paper weight: 70–120 gm<sup>2</sup>
- Kern 996 Compact or Standard Speed:
  - according to separate data sheet
- Kern 971 (only with system channel) Speed:
  - according to separate data sheet
- Cut sheet feeder (option) speed:
  - C6/5, C5: up to 26 000 documents
  - C4: up to 30 000 documents
- Max. output/processing:
  - C6/5 and C5: 12 000 packages/hour
  - C4: 8000 packages/hour.
- Folding: 4-pocket folding unit
- Envelope formats: C6/5 to B4
- Enclosure stations: 2/4/6/8/10/12
- Enclosure format (W×L):
  - min. 80×130 mm
  - max. 229×305 mm
- Optional automatic format adjustments
- Max. packing thickness: 12 mm
- Compatible with Kern mailFactory®





## Kern service

### Trust is the foundation of good cooperation

The decision to purchase a Kern product is a choice for a continuous, trusting relationship. Reliable service is one of the key pillars of our company. For optimum system availability and productivity, the Kern Group offers a comprehensive and reliable service portfolio.

- Personal consultancy on-site
- Requirement analysis, and solution proposal according to customer needs
- Installation of the Kern systems
- System integration
- On-site training of your employees
- Reliable support and maintenance during operation
- Customer-oriented service and maintenance models after purchase.

## Kern worldwide

### Innovative systems for document processing and logistics

Kern AG is a Swiss manufacturer and worldwide supplier of products, solutions and services in the field of inserting and packaging systems as well as parcel terminals. The software and platforms that are tailored to the product and customer complete the Kern system landscape.

For more than seven decades, Kern has stood for great innovation, quality, flexibility and reliability. Factors that mean one thing above all: the highest level of security and service.

The basis for this is flexible production planning and process control on the one hand, and a long-standing and qualified team of experts in development on the other.

The Group operates in around 50 countries worldwide and employs about 750 people. Kern Service is available worldwide with 450 service technicians, on 365 days a year.

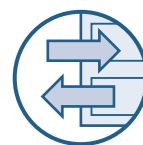
## Business Units



**kernMail**



**kernPack**



**kernTerminal**



**kernService**

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**Great Britain** [www.kern.co.uk](http://www.kern.co.uk)  
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