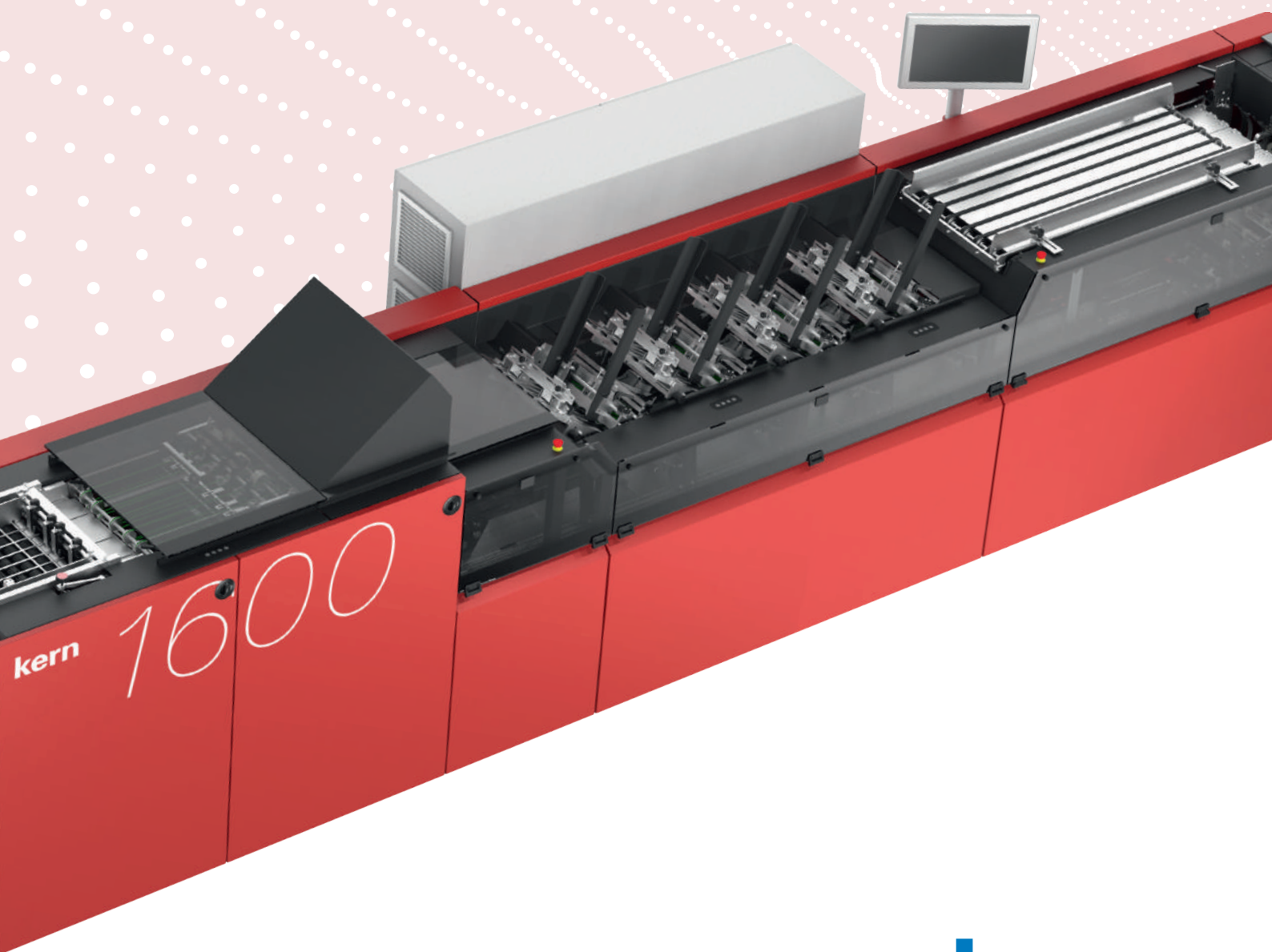# Kern 1600
Multi format inserting system
The smart solution for small jobs

1600

kern

Your technology partner | **kern**

Kern 1600 The compact multi format inserting system

The Kern 1600 is fast, simple, and versatile; and can be used with flexibility in the professional sector. This compact yet multi format system is perfect for the low to medium capacity range.

The Kern 1600 impresses with its high degree of flexibility, fast changeover times, exceptional reliability and straightforward operation. It is suited for use in the transactional and direct marketing markets, as well as in lettershops. The system closes the gap in our portfolio between the Kern 605 series and the Kern 2600.

During system development, Kern devised innovative approaches without compromising on our famous Swiss quality or durability. Designed and constructed specifically for industrial processing, it's not intended for use as an office-based system. This means that the Kern 1600 is designed for use in 3 shift continuous operation, and offers users significant investment security.

The Kern 1600 offers an extremely high degree of applications processing flexibility. Thanks to the use and adaptation

of components from the Kern product family, the Kern 1600 is fully compatible with existing Kern systems.

The multi format single sheet feeding module delivers documents for processing by folding or non-folding applications. Two standard grouping stations enable the packing group to be collected before and after folding. The above or below group sequence can be converted, giving you the greatest possible processing flexibility.
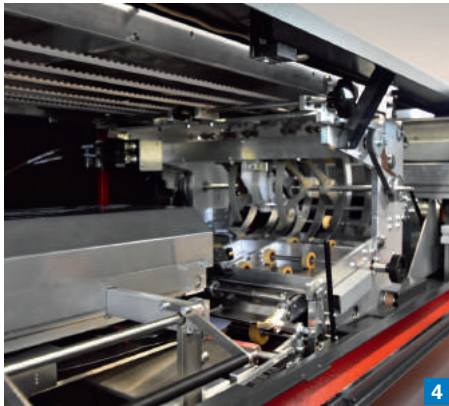
The system is factory equipped with a feeding station module, and 2 feeding stations. Additional stations can be retrofitted in pairs.

The inserting unit, like the rest of the system, can be quickly and easily converted to a new application. The system is equipped with diverter and shingling conveyor. Additional compartments can be factory supplied as an option.

3

4

The system can optionally be factory fitted with automatic adjusters. During format adjustment, the format length of grouping tables 1 and 2, the envelope compartment, the direction change before the sealer, and the side guides of the feeding stations, are all set to the correct position automatically. This reduces changeover to a few minor operator interventions. The system is characterised by a very short changeover time and extremely fast availability for new jobs.

The system is operated via a touch panel that is customised to the operator. In the event of a fault, the operator is supported with troubleshooting images. Operation of the single sheet feeding stations and of the feeding station module is reduced to a minimum. The operating steps are carried out in a few steps via modern buttons.

The Kern 1600 is fully integrated in the mail*Factory*® Suite and further highlights the compatibility of the Kern product family.

At a glance

- Document format:
  Document length:
  93–305 mm (3 4/6″–12″)
  Format length:
  93–165 mm optional only
  Document width:
  210–305 mm (12″)

- Paper weight: 70–120 gm^2

- Max. capacity/processing:
  C6/5 and C5 12,000 packages/hour, C4 8,000 packages/hour

- Folding: 4 pocket folding unit

- Envelope formats: C6/5 to B4

- Enclosure stations: 2/4/6/8

- Enclosure format (L×W):
  min. 80×130 mm
  max. 229×305 mm

- Automatic format settings optional

- Max. packing thickness: 12 mm

- Kern mail*Factory*® compatible

3

4

Kern service

Trust is the basis of good cooperation

The purchase of our products is a decision on continuous and trustful cooperation. Reliable service is one of the most important building blocks of our company. For optimal system availability and productivity, Kern offers a comprehensive and reliable service programme.

- Personal on-site consultancy
- Requirement analysis, ideal solution elaboration
- Kern systems installation
- System integration
- Onsite training of your employees
- Comprehensive support during operational phase
- Reliable service programme: 24 hour/7 day customer service

Headquarter

Kern AG
3510 Konolfingen
Switzerland

Phone +41 31 790 35 35
info@kernworld.com
www.kern.ch

Kern worldwide

Sophisticated systems for document processing and packaging

Kern AG, with its headquarters in Switzerland (in Konolfingen, Bern), is the world leading manufacturer of products, solutions, and services in the field of insertion technology, card processing solutions, digital printer pre- and post-processing technology, and ADF (automated document factory) software.

For over six decades, Kern has stood for high innovation capability, quality, flexibility, and reliability. Factors, which above all amount to: the highest attainable level of safety and service.

The foundation for this is constituted on the one hand by the flexible production planning and process control, and on the other, a long-standing and highly qualified team of development specialists.

The Group operates in around 60 countries worldwide, and employees some 900 people. Kern Service is available, worldwide, 365 days a year, round the clock.

Subsidiaries

Belgium www.kernnv.be
France www.kernfrance.fr
Germany www.kerngmbh.de
Great Britain www.kern.co.uk
Italy www.kernitalia.it
Netherlands www.kernbv.nl
Spain/Portugal www.kern.es
USA/Canada www.kerninc.com

Kern solutions

Inserting solutions

Products
for digital print solutions

Software solutions

Card processing solutions

Logistic solutions

Miscellaneous

Kern 1600_05_2016