

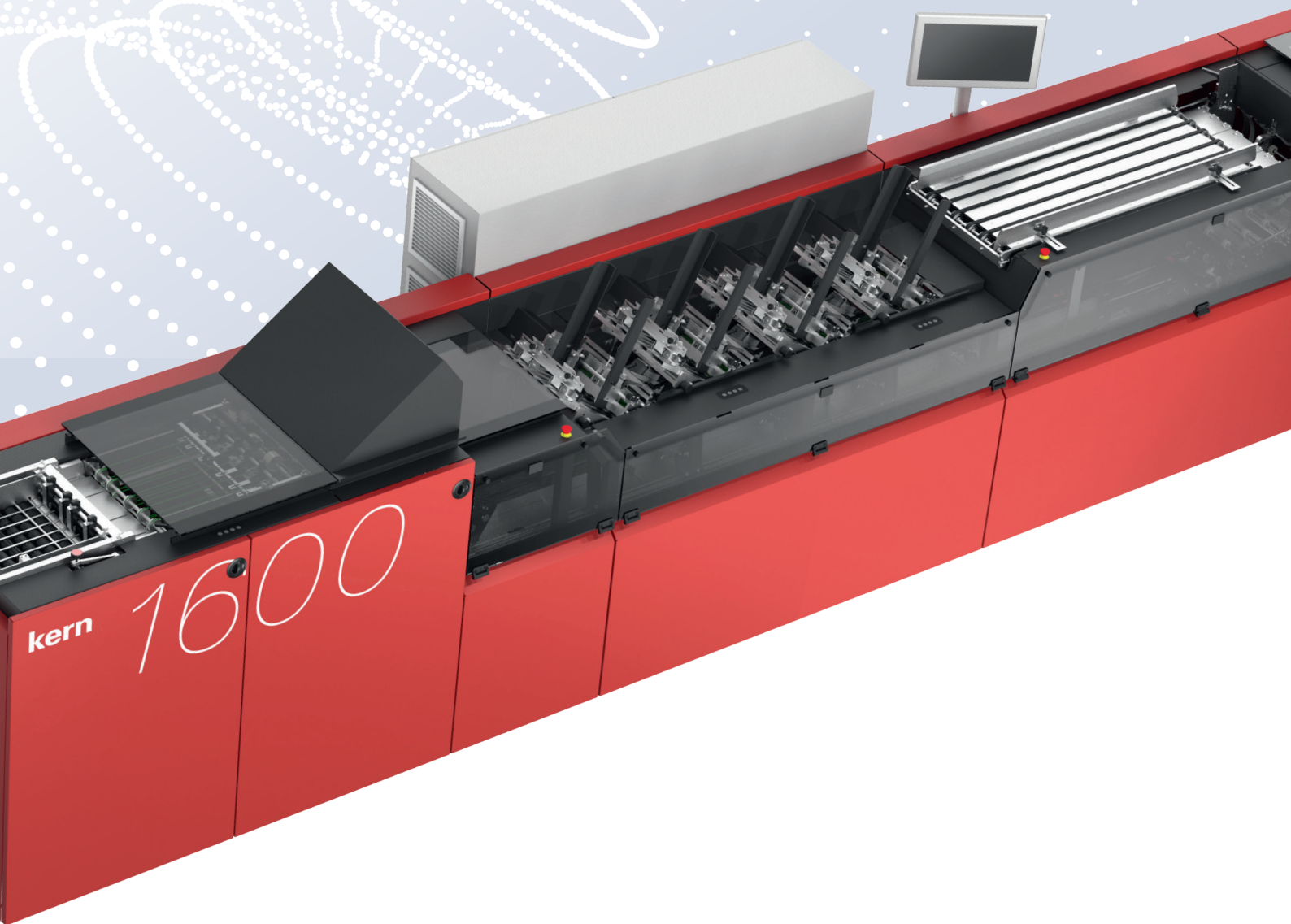


kern*Mail*

Kern 1600

Multi format inserting system

The efficient solution for various applications



Kern 1600 The compact multi format inserting system

The Kern 1600 is fast, simple, versatile and can be used with flexibility in the professional sector. This compact 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.

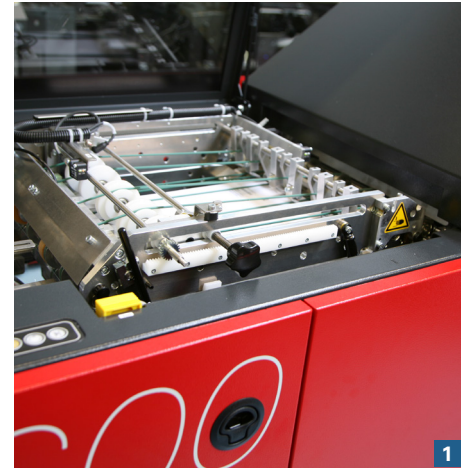
During system development, Kern devised innovative approaches without compromising on famous Swiss quality or durability. Designed and constructed specifically for industrial inserting, it's not intended for use as an office-based system. This means that the Kern 1600 is designed for use in 3 shift continuous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

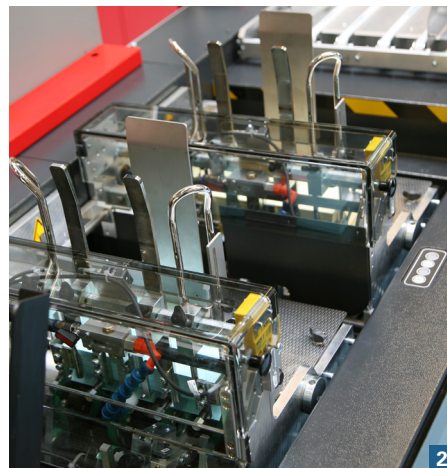
The Kern 1600 offers an extremely high degree of applications processing flexibility. Thanks to the use and adaptation of components from the Kern product family, the Kern 1600 is fully compatible with existing Kern systems.

The fast 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. 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.

The system is factory equipped with a feeding station module. This can be equipped in pairs with friction or rotary feeders (up to max. 12 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 an output bin and shingling conveyor. Additional compartments can be factory supplied as an option.





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.

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.

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

At a glance

Kern 1600

- Document format:
Document length:
93–305 mm (3 4/6"–12")
Format length:
93–165 mm optional only
Document width:
210–305 mm (12")
- Feeder speed:
C6/5, C5: up to 26 000 documents,
C4: up to 30 000 documents
- Paper weight: 70–120 gm²
- 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: 2/4/6/8/10/12
- Enclosure format (W×L):
min. 80×130 mm
max. 229×305 mm
- Automatic format settings optional
- Max. packing thickness: 12 mm
- Kern mailFactory® compatible





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.

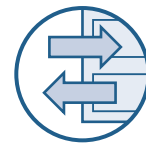
Business Units



kern*Mail*



kern*Pack*



kern*Terminal*



kern*Service*

Headquarter

Kern AG
3510 Konolfingen
Switzerland

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

Subsidiaries

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