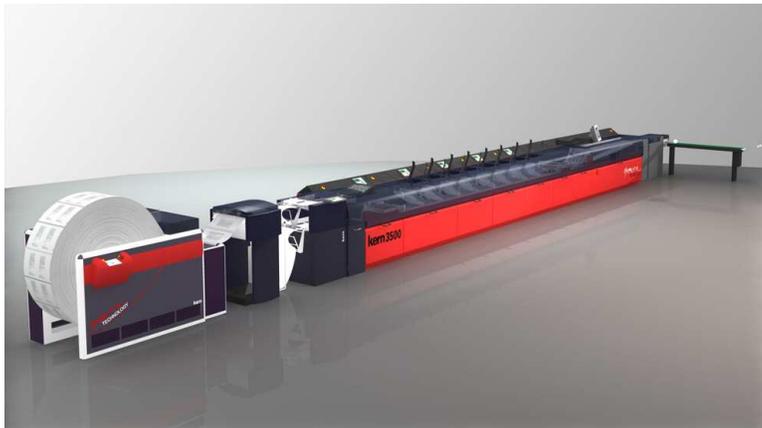


## Combining Speed and Integrity: The Kern 3500 High-Performance Inserting System

The Kern 3500 is the latest in a portfolio of inserting systems that combines advanced technology with Kern's experience and customer-driven development. Meeting the demanding needs of today's high volume mailers, the K3500 provides greater flexibility, shorter production times, increased differentiation and automation. The K3500 reduces operator and service costs, handling mail efficiently at even the highest speeds.



### Input

The K3500's unique design and high speed capabilities mean it can process pre-cut single sheets as well as continuous forms, from fanfold stacks to rolls, more efficiently.

### Processing

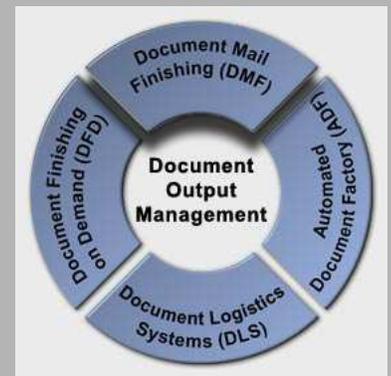
The K3500 has variable speeds to meet the demands of today's mail centers. When a job is started, the processing speed is automatically adapted to the application being run. A variety of enhancements and design features enable an operator to program the K3500 quickly and easily for a wide range of applications, while the system's straight-line design contributes to ease of paper handling. A key design feature is that all components are easily accessed and modularly replaceable, with rapid changeover of envelope size settings from #9, #10, and 6 x 9, enabling quick and accurate application flexibility.



### Kern DMF

Document Mail Finishing: High-Speed Inserting Systems.

DMF constitutes Kern's core field of activity that focuses on the need to ensure that large production volumes are mailed reliably and securely.



### Benefits of the Kern 3500

#### Adaptable

To adapt to a variety of mailroom environments and demands, the speeds of the K3500 are continuously variable.

#### Fast

The K3500 can process up to 22,000 envelopes per hour.

#### Secure and Modular

The K3500 features Kern's popular modular design, enabling future upgrades and integration of new or different hardware and software.

#### Reliable

Kern's enclosure feeding modules can handle a wide variety of inserts and document groups, ensuring a constant and reliable flow of mail pieces.

#### Quiet

Because the K3500 incorporates the latest technology, the quietness of operation has been enhanced, even at the highest of speeds.

# Data Sheet

www.kerncan.com

K3500

## Unique straight line design

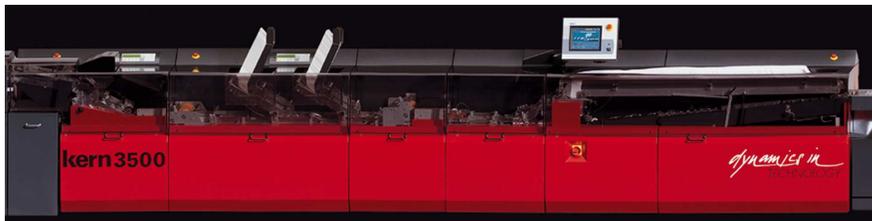
The purpose for developing the K3500 was to increase productivity when inserting material, up to 15/64 of an inch thick, into #10s and 6x9 envelopes. The key characteristics of the K3500 correspond to those of the extremely successful, tried and tested Kern 3000 – which is employed every day worldwide. The K3500 attains an astonishing production speed of up to 22,000 insertions per hour.

The linear movement of documents within the K3500 ensures that, without unnecessary direction changes, documents flow directly into envelopes. During the insertion process, a funnel-like inserting pocket envelops the documents, thus avoiding damages in handling. As a result of the more accurate processing, time-and-cost-consuming reprints are avoided.

Moreover, operators will appreciate the K3500's ergonomic design, which pays off in increased productivity.

## Operation

Accomplished by means of the touch screen user interface on the central operating console. Additional information for the operator is also displayed graphically on the monitor, from sheet, envelope and insertion counts to stack heights and user access authorization. Different languages can be selected for the user interface.



## Options

Continuous Forms cutters K990/  
K995

Single Sheet feeder K971

0-12 selective inserts

Integration with ADF

Database-drive inserting

## Product Specifications

### Specifications

**Insertion speed** – Up to 22,000 inserts per hour

**Stacking capacity** – 3000 envelopes (24#), 2000 enclosures (single, folded 20#)

**Feeder capacity** – 17 5/16 in.

### Envelope Dimensions –

#10's and 6x9's  
Tolerance +/- 1/32  
3 14/16 x 6 6/16 in. to  
6 15/16 x 9 14/16 in.

**Power Supply** – 3 x 400V 3PN+E, 50/60  
Hz 16A (transformer included)

**Dimensions** – 39ft 2/16 in. x 3ft 4/16in.



The success of our customers is the most important part of our business. At Kern, we believe that we don't succeed unless our customers succeed. Fast machines, advanced technology, and outstanding technical support are the fundamental strengths of what we do. By establishing a mutually beneficial partnership, both our customers and Kern are able to achieve success and we back it up with a guarantee.



*"Your Kern product is **guaranteed** to provide a minimum of Ten Years of production grade output, when maintained under a Kern Full Service Maintenance Agreement. If we can't fix it, we'll replace it. Period."*

**kern**  
document output management

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