

Innovative High-Performance Cutting and Grouping: The Kern 999s

The K999s seizes the paper track from the Unwinder. This paper track is cut lengthwise and horizontally in the cutter and assembled in the grouper as a document group.



The High Page Application Cutter

As postage rates continue to increase, there is a growing demand for an increase in pages per envelope. In the past, it was the performance of the document inserting system that was at the center of discussion. Today, talk has shifted to input modules that feed the inserting system at high speeds. These high speed inputs are now viewed as the key factors for effective processing.

The K999s was designed for the North American market as a perfect solution for customers with higher page applications. The K999s uses a streamlined design that moves paper through a patented air-guided accumulation system at speeds of over 12 feet per second. This high speed cutting system is capable of 88,000 cut sheets per hour from continuous form input rolls of up to 54" in diameter.

The K999s features an ergonomic touch screen that controls the automatic threading and rewinding functions within the K999s.

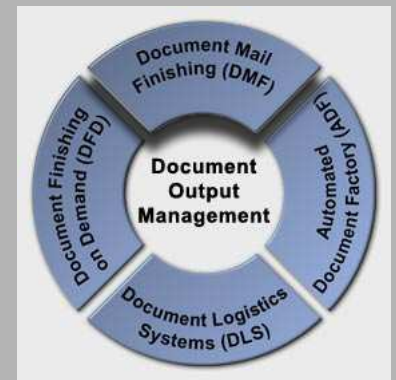
Kern delivers superior Overall Equipment Effectiveness (OEE) with the K999s. This enables the system to be diagnosed and serviced remotely via the internet.

The K999s can be coupled with the Kern Dual Channel VSK and the Kern 3500 to achieve an unprecedented 8 pages per envelope at the K3500's full rated speed of 22,000 mail pieces per hour.

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 K999s

Fast trouble shooting

With easy access to the document course and an internet monitored troubleshooting program problems are often identified before they even occur.

High Performance

The K999s can cut 40,000 sheets per hour or 20,000 mail-pieces per hour with 4 sheets per mail-piece (2 cuts.)

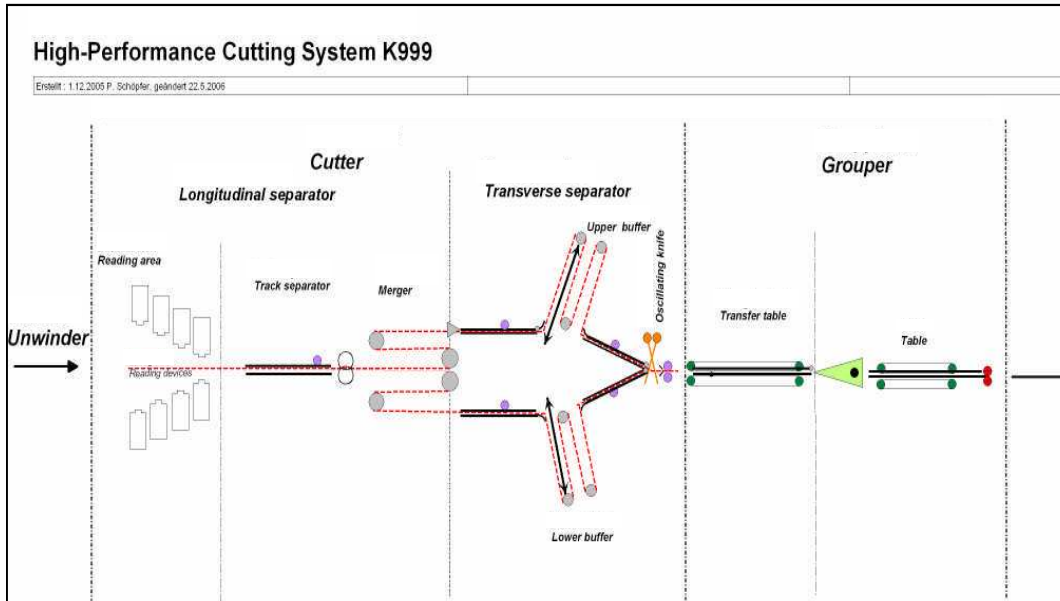
Reliability

The K999s is build under the most stringent of quality controls and is maintained with a ten year guarantee. If maintained under Kern's full service agreement then this machine is guaranteed to be at a production grade level for 10 years.

Data Sheet

www.kerncan.com

K999s



Product Specifications

Format at entry, uncut width: 1-up: 148-295 mm; 2-up: 296-520 mm

Format cut width: 1-up: 148-225 mm; 2-up: 296-450 mm

Document length: 10½—14"

Margin cut: 10-35 mm, only with continuous suction

Paper weight: 70-120 g/m²

Format at exit, width x height: 148 x 267 up to 225 x 356 mm

Group thickness: 1.2 mm at module exit

Dimension: Total length: 3325 mm

Total width: 1395 mm

Total height: 1532 mm

Cutter dimensions:

Length: 2145 mm; Width: 1395 mm; Height 1532 mm

Grouper dimensions:

Length: 1180 mm; Width: 985 mm; Height: 1200 mm

Operating height: 930—1050 mm

Paper entry height: 1000 mm

Reading

-Barcode in flow direction

-Datamatrix: code type: ECC200, module size min. 0.5mm, Edge length min. 6mm

-The reading is possible from top and bottom on the whole format area

Floor load: 300 kg/m²

Voltage: 3 x 400 V, separate supply

Frequency: 50/60 Hz

Power assumption: 1800 W

Fuse: 16 AT

Compressed air connection: External supply: 6 Bar 20 m³/h

Heat emission: 1800 W

Service intervals: 20 million cuts

Room Conditions: Recommendation: operate installation in air-conditioned rooms



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

Kern, U.S.A.
3940 Gantz Road, Suite A
Grove City, OH 43123-4845
www.kerncan.com
Tel. + 888.KERN.INC
Fax. + 1 614.491.9529
info@kerninc.com