

# Data Sheet

www.kerncan.com

## K300 Smart-Binder System

### The Kern 300 Smart-Binder System The Perfect Binding Solution For a Variety of Book Sizes



#### Introducing the Kern 300 Smart-Binder System

Recognizing that existing book binding equipment is based on outdated design principles, unsuitable for the digital printing industry, Kern introduces the Kern 300 Smart Binder as an improved and simplified binding solution. Utilizing modern technology, the K300 is the lower cost alternative to conventional binding for books up to 3.937 inches (100 mm) thick.

The K300 produces books made either with cold glue or with wire staples and provides individual sheet folding for optimum finished book quality. Unlike other binding systems, the K300 provides high quality appearance, stronger page binding, and the products are more easily recycled than with the typical wire-stapled books.

#### Providing the Most Advanced ISG Technology

The Smart-Binder also allows use of IBIS's patented Individual Sheet Gluing technology, also known as ISG, which replaces wire-staples with cold-glue 'dots' between each sheet to produce more attractive, stronger, flatter and easier-to-recycle books. The SB-4 model even includes an additional HMCU module to combine ISG cold glued 'signatures' with hot-melt glue to produce high-quality, square backed books.

#### Advanced Versatility

Unlike other binding systems with a minimum binding count of 30-40 pages, the smart-binder allows you to produce glue-bound books with as few as 8 pages, enabling both customized and personalized content.

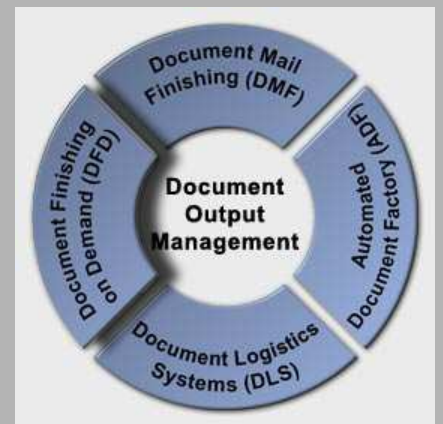
The K300 Smart Binder will allow you to improve the quality and reduce the cost of each book produced while simultaneously increasing the visual appeal of each piece.



#### Kern DFD

##### Document Finishing on Demand.

The DFD product line provides intelligent solutions for pre-and-post-processing of digitally printed materials. All DFD modules can be combined to form complete systems, or they can be used in ways that directly address the needs of customers.



#### Product Specifications

Cutting Speed: up to 492 ft / min - 150 mm / min

Form Length (max): 4" - 14" adjustable in increments of 1/6" or 1/8"

Paper Width: 6" - 20.5" / 150 - 520 mm

Paper Weight: 19 Lb - 37 Lb

Stack Height: 19 Lb - 37 Lb

Certification: CE



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