

# Kern 130 / Kern 141



## Kern Rotary Cutter - cuts across the frontiers of technology!

Composed of rotary cutter Kern 130 and stacker Kern 141, the Kern 130 rotary cutter line is the fastest on its market with a native speed of 200 m/min (656 ft/min)

The new cutter allows for the processing of 1- 2- 3- 4-up applications, and slit/merge 2-up combined with on the fly stack evacuation and offset capability, thereby enhancing all printers overall productivity.

Thanks to its unique "double deck" system geared to a universal data reading system, even and uneven sequencing can be achieved without unnecessary paper wastage.

A white sheet evacuation paper chute, essential when used with ink jet printers, completes the features of this novel rotary cutter. Its oversized paper web width of 560 mm (22") exploits the full capacity of all standard continuous feed digital ink jet printers. Completed with a simple and highly secured cut

sheet transportation system, the Kern 130 cutting line is the most reliable on the market.

On-line or off-line, Kern rotary cutter, overall flexibility, speed and top technology level ideally positions this high end product in the transactional, Transpro-mo, Direct Mailing and book market segments.

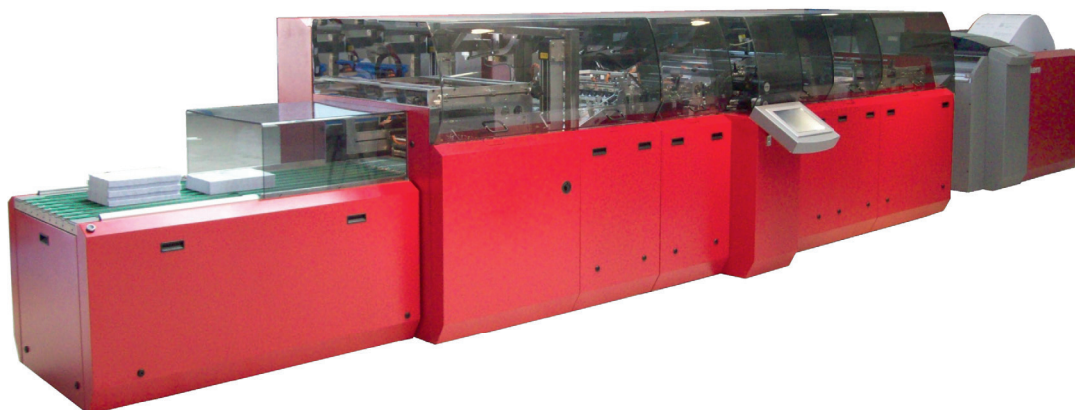
### Features

- Processing speed up to 200 m/min (656 ft/min)
- Unique cutting line able to run 560 mm (22") paper web width
- 1- 2- 3- 4-up and 2-up slit and merge
- Format are covered from 3.5" to 30"
- White paper management for continuous feed digital ink jet printers.
- Even – uneven sequencing
- For off-line or on-line solution with continuous feed digital printers.
- New stacking technology allows quick stack evacuation and quick stack offset to avoid printer stops

### Our Services

- On site consulting
- Requirement analysis
- Working out an optimal solution
- 3D layout
- System integration
- On-site training of your employees
- Comprehensive support during the operational phase

- "All-in-one" functions reduce the number of finishing module and consequently results in reduced handling, reduced maintenance costs and increased overall reliability.
- 10.5" ergonomic color touch screen to ease operator work with 50 jobs settings storage plus production feedback, service diagnosis, and integrated operation guide.



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# Additional to the System **Kern 130 / Kern 141**



## **1 Kern 125 web buffer for efficient on-line applications**

The Kern 125 web buffer is the unique link between the digital print engine and the cutting line Kern 130 / Kern 141.

Its 21 m (69 ft) paper web capacity allow the cutting line to offset and evacuate stacks on the fly, and allows to keep the productivity on the cutting line at its utmost level.

To optimize the filling volume of the plastic bags, the trims and intermediate cuts are cut into smaller pieces.

When needed, the LU-2000 series can switch automatically from the full bag to an empty one.



## **2 Paper shingling kit for over-sized documents**

Documents between 3.5" and 20" are collated in the Kern 141 stacker to create paper stacks. Documents between 20" and 30" are collated in shingling mode on the Kern 141 stacker's output conveyor thanks to a simple option.

Shingling stream of paper can be collated by a jogging table to form a perfect square angle stack.



## **3 Paper aspiration system LU-2000 series**

The LU-2000 series aspirates all continuous, or discontinuous, trims and intermediate cuts. A high quality filter system takes care of the paper dust to ensure that it doesn't fly away in the printing workshop.



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