

Kern 92 Card mailing system



Kern 92 Card mailing system - The essential solution for low – mid range volumes.

Kern 92 card affixing and mailing represents a real breakthrough, being the right affordable system, designed for the non high volume segment. Essential and functional, it represents the best compromise to the demand for simple handling of small quantities with the need for a solid reliable machine, capable to work on intensive use.

Quick and easy to handle, Kern 92 is cost effective, requiring minimum training time to achieve knowledge and start production. The systems displays set ups ,state of functioning as well as precise audio visual messages for intervention.

The simple construction of the modules is aimed to facilitate settings and maintenances. Manual interventions are minimum from job to job thus improving downtime and availability rates. Extremely compact, the system is performing with variable speeds up to 2,000 card placements per hour.

It occupies a small footprint and its shape is "wrapped" around the unique operator required for its functioning. It can be either used in standalone mode or alternatively be connected to card personalization units for a complete end to end solution. The versatility of the system enables to provide the right configuration for various jobs.

Pick and place technology gives maximum versatility for card placement on carrier, with up to 4 cards per sheet,

variable piece per piece within the same job. Commercial digital printers can be connected to work in Read & Print mode and personalize carriers. Folding units can do the most common type with rapid changes from one job to another. Scalability can add additional features into the line, adapting to future necessities.

Security is always a MUST. The system provides complete tracking of the products with clear identification to assure correct matching of cards with carriers, Incorrect items are rejected with creation of adequate log files.

Kern 92 respects Kern's tradition for machine strength and durability. The system is a one stop "Kern" shop, employing best materials and quality criteria to ensure accurate and avoid damages to items processed.

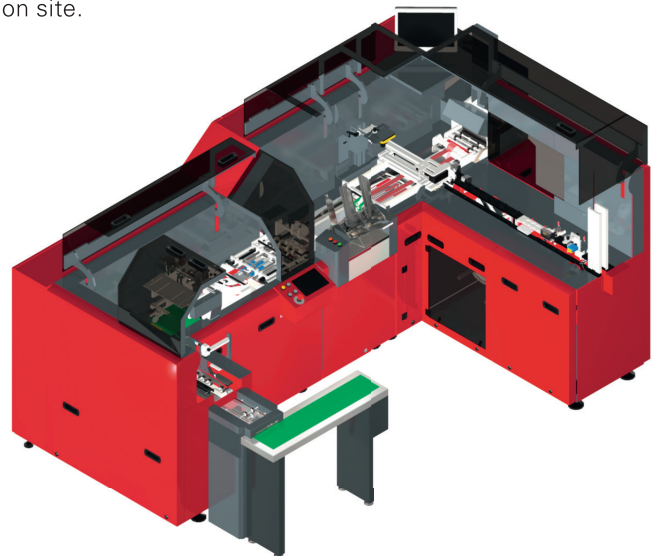
Addressed to various market sectors, (Banks, Service Bureaus, Retailers, Mailing house, Letter Shops) with low but intense quantities, the Kern 92 can also be employed for dedicated jobs as well as a valid back up to more powerful existing systems on site.

Our Services

- Personal consulting on site
- Requirement analysis
- Working out an optimal solution
- System integration
- On-site training of your employees
- Comprehensive Support

Features

- Card size:
CR80: 85.6×53.98 mm
- Card thickness:
min. 0.4 mm / max. 0.8 mm
- Carrier size:
min. 93×145 mm / max. 150×216 mm
- Carrier density:
min. 80 gr/m² / max. 140 gr/m²
- Card reading options:
Barcode / Datamatrix / Contact-
contactless chip / Magnetic stripe /
Hi-loco / OCR
- Carrier read options:
Barcode/Datamatrix/OCR
- System cycle speed:
up to max. 2,000 card placements/h
- N. cards per carrier: up to 4
- Fold options: "Z" "C" "V"
- Enclosure size:
min. 93×100 / max. 150×220
- Envelope size: C5, C6/5
- Envelope thickness:
max. 6mm. Over on request



Kern Italia S.r.l.

Registered Offices
Via Idiomi 1/16
20090 Assago (MI)
Italy

Phone +39 02 4888851
info@kernitalia.it
www.kernitalia.it

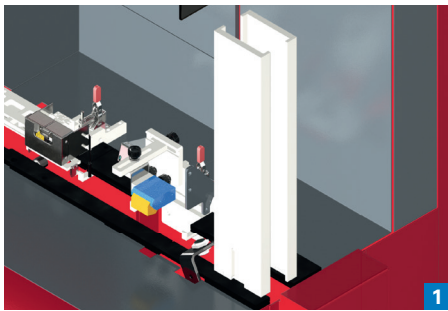
Operating Offices
Via Malpasso 15
52037 Sansepolcro (AR)
Italy

Phone +39 0575 720031

Your technology partner | **kern**

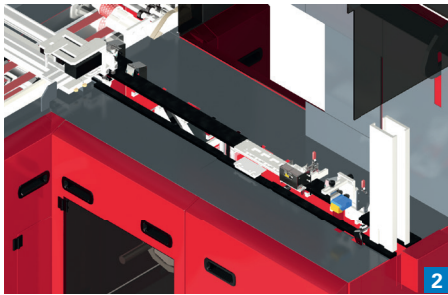


Additional to the system **Kern 92**



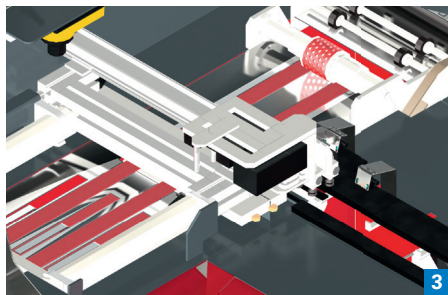
1 Card feeder

- Optimized vertical hopper to hold up a maximum of 500 flat cards.
- Non-stop top load – bottom picking.
- Stack level control. Near to empty warning.
- Bypass in case of perso feed.
- Further hoppers available upon request.



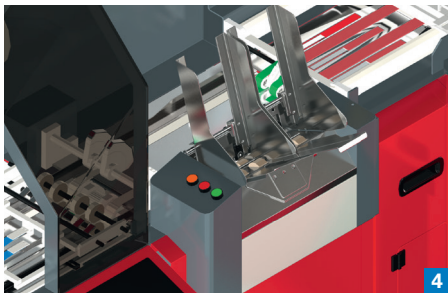
2 Card conveyor

- Compact 13 step channel.
- Card attachment (label or glue) under work level for better footprint.
- All readers available:
 - Hi-Lo Co magnetic stripe reader
 - Bar code / Datamatrix scanner
 - OCR Tele camera
 - Contact/contactless chip
- Rail carriage for delicate handling.



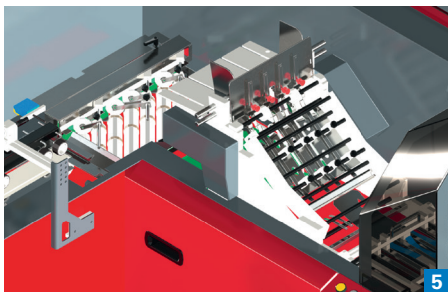
3 Card placement

- Linear "Pick & Place" with automatic setting.
- Compact for safe guidance
 - low space occupation
 - smooth sliding on mounted carriage
 - anodized aluminum rail
 - high quality suction cup for strong and secure holding.



4 Enclosure feeders

- Optimized vertical hopper to hold up a maximum of 200 units.
- Side positioning for improved operator loading and control.
- Adjustable guides for optimized processing and stack control sensors.
- Bar Code/Data Matrix scanner available upon request.



5 Inserter section

- Consolidated and long tested solution being mechanics of Kern 3500 high speed inserter (up to 26,000 envelopes per hour).
- Optimized envelope handling and pocket document inserting.
- By pass enabled for non inserting.
- Available:
 - integrity production control
 - dynamic weighing scale.

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