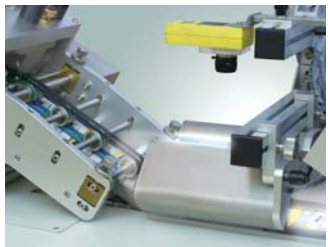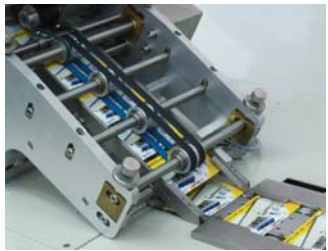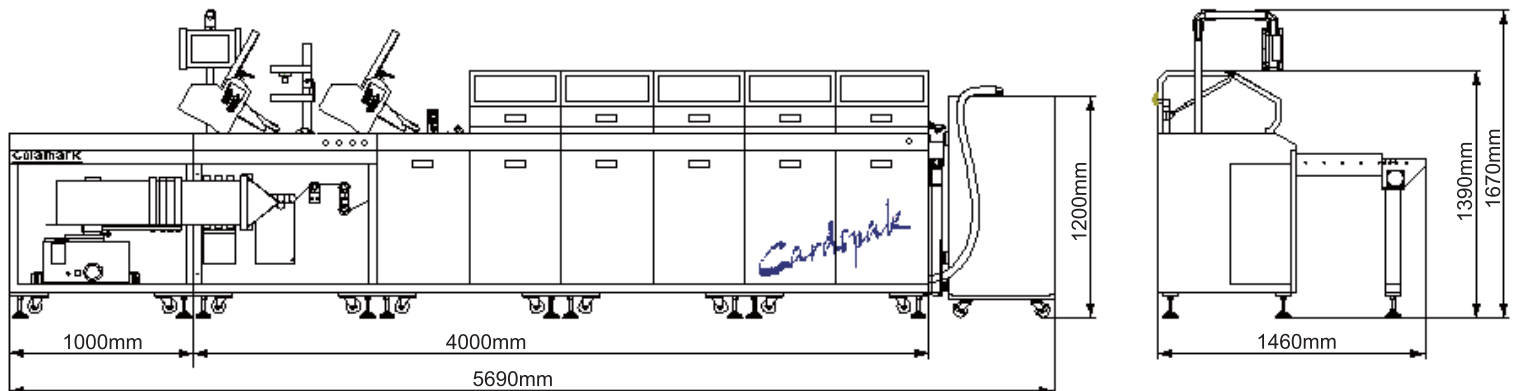# Colamark

Cardspak Card Wrapping Machine

Cardspak is specially designed for the card manufacturing industry for wrapping standard ISO size cards (CR80) and the mini size cards (half CR80) with cello film. Using a continuous card inserting and wrapping motion and ultra sonic sealing technology, Cardspak is able to offer extremely high operation speed, reliability and superb performance. Wrapped cards are divided into chains of pre-set pocket number and then fan-folded into stacks for organized collection. The straight-line design of the system also allows easy in-line connection to the downstream process for further automation. The system is equipped with an easy-to-use touch control panel, safety enclosure, and a lot of fine details carefully designed to ensure smooth and hassle free operation for your production.

Process flow

Card feeding→Film Folding and (or Pre-folded film) Feeding→Pocket Forming (Ultra-sonic)→Card Inserting →Pocket Sealing→ Side Trimming→Chain Dividing (Pre-set pocket number)→Fan-folding and Collection

Features

- Optional registration function to allow use of pre-printed film with registration photo mark.
- Applicable for both paper card and PVC card, of thickness as thin as 0.3mm.
- Use of an indexed chain conveyor connected to a continuous motion holding conveyor for card insertion, ensuring full synchronization of cards with the film in the whole process.
- PLC controlled with user friendly touch panel control.
- Ultra-sonic sealing for high-speed perfect sealing
- Personalization pattern at the sealing edge
- Achieve just 1mm variance between the card edge and the bag edge
- Cards can be collected in single bags or in fan-folded stacks of preset quantity.
- Various inspection devices can be integrated for quality control as options: double card, consecutive card numbers, card number data records etc. (Optional)
- Optional PA6000 printer/applicator to allow applying synchronized data label at the fan-folded card stack at the end.
- Suction assisted waste film strip collection.
- Safety enclosure
- Linear machine alignment to achieve continuous motion mode.

Model	Cardspak
Card Size	ISO card (CR-80) or mini card(1/2 CR-80)
Capacity	Standard model: 20,000 cards per hour
Film thickness requirement	OPP 35um
Air pressure	0.6Mpa
Machine dimensions	(L)5690mm × (W)1460mm × (H)1670mm
Net weight	About 800kg
Power consumption	380VAC, 3-phase，50/60Hz, 4.8KW

For continuous improvement on design and product innovations, all specification data are subject to change without prior notice