



# Cardistry

BY ROLLEM INTERNATIONAL

THE ART OF CARD PRODUCTION

*Automated  
playing card & trading card  
slitting, collating, and  
finishing machines*



***Cardistry by Rollem International***  
*is the most advanced automated  
card slitting, collating, and finishing  
system for profitable and successful  
card production.*

*Cardistry's inline two-directional  
capability drastically increases  
productivity with processing  
speeds up to 60 packs per minute—  
all with just one operator.*

## CARDISTRY SL / CARDISTRY DL

# Slitting & Collating Machines

### SPECIFICATIONS

**MAX SHEET SIZE**

1020 X 830MM  
40.2 X 32.7"

**MAX SPEED**

UP TO 1,800 SPH  
DL: UP TO 3,200 SPH

**SHEET THICKNESS**

200~500 GSM

**MAX CARD SIZE  
AFTER SLITTING**

150 X 120MM  
5.9 X 4.7"

**MIN CARD SIZE  
AFTER SLITTING**

80 X 50MM  
3.2 X 2"

**MAX CARD SIZE**

148 X 118MM  
5.83 X 4.7"

**MIN CARD SIZE**

78 X 48MM  
3 X 1.9"

**POWER SUPPLY**

3P 220/240V

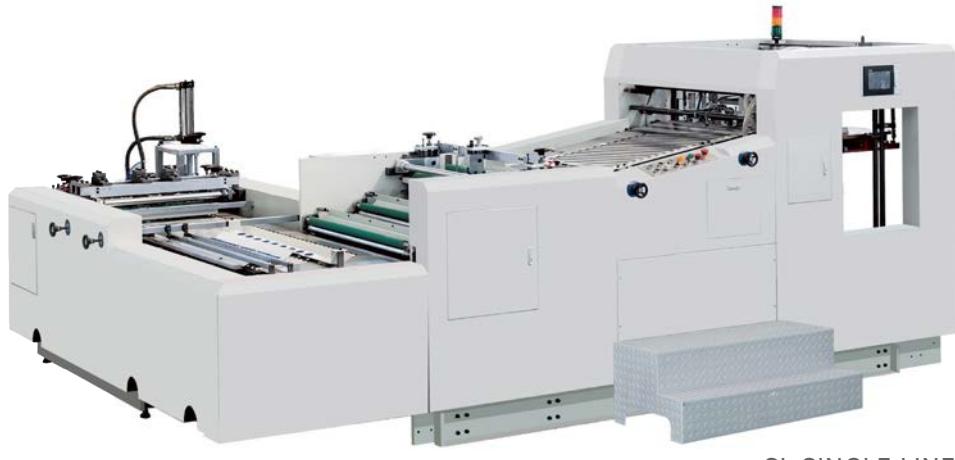
**DIMENSIONS**

4950 X 6550 X 1950MM  
195 X 258 X 77"

DL: 6200 X 6330 X 1850MM  
244 X 249 X 72.8"

**NET WEIGHT**

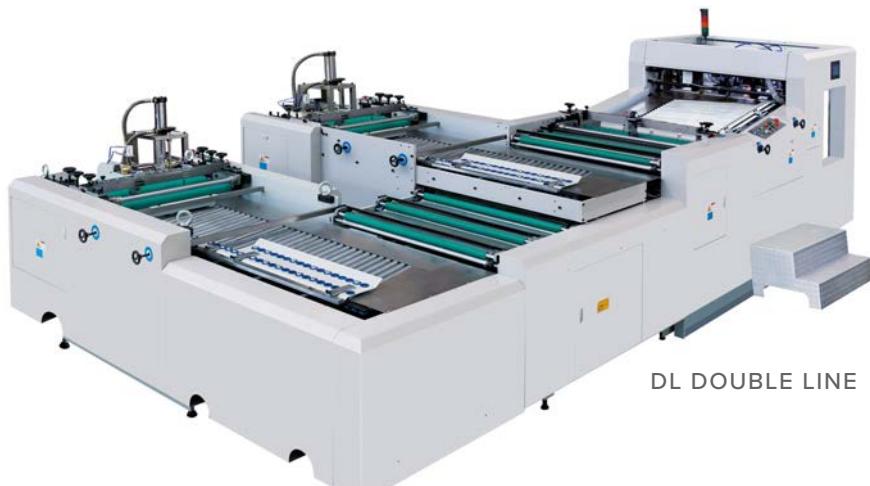
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SL SINGLE LINE

### OVERVIEW

- Specialized equipment for processing printed playing cards or trading cards. Speeds up to 1,800 sheets/hour -SL and up to 3,200 sheets/hour -DL.
- Automated servo-driven control ensures accurate collection of all cards without operator intervention
- Extended feeder height allows for taller stacks of material to be placed in the feeder minimizing machine stoppages



DL DOUBLE LINE



#### DL TRANSPORT

*This design is equipped with dual cutting and collating sections, which increases output up to 3,200 sheets per hour.*



#### COLLATING DESIGN

- Fully automated
- Accurate collection
- Guaranteed sequencing
- Eliminates manpower



## KEY FEATURES

### HIGH EFFICIENCY

- Speeds can reach up to 1,800 sheets/hour (single line) and 3,200 sheets/hour (double line)
- Superior card collection ensures accurate sequencing of cards
- Easy touchscreen user interface

### HIGH STABILITY

- All key steel parts such as machine walls, cams, etc. use high grade steel
- High speed moving parts such as shafts and rollers are made with high-grade steel and are dynamic balance-tested to ensure stability during operation
- Oil pump by **Siemens**
- Pneumatic components by **SMC-Japan**
- Electric parts by **Omron, Schneider, IDEC, and Delta**
- Servo system by **Yaskawa-Japan**

### HIGH PRECISION

- Unique positioning correction system provides a larger correction range and easier adjustment method

### HIGH DEGREE OF AUTOMATION

- This machine will cut cards and collate them into concise packs and can be automated with optional wrapping and cartoning machines to form a complete production line

### SAFE & EASY OPERATION

- PLC control together with touch-screen display shows operation status, settings, and alerts
- Sensors and safety devices are installed to make sure the machine runs safely
- Any malfunction is displayed on-screen for easy problem solving

### PLC CONTROL SYSTEM

- Ensures precise die-punching of single or double decks

### DOUBLE-SIDED JOGGER

- Double-sided jogging ensures precise stacking which minimizes the waste area to .75mm

## CARDISTRY

# Pack Sorting Unit

## OVERVIEW

- Compact structure with simple operation for a smaller footprint
- High efficiency with fast malfunction diagnosis and correction
- Can be integrated with automatic packaging equipment or robotics to automate output

## KEY FEATURES

- Ideal for verification using high-speed cameras where the inputted image is verified
- The conveying unit uses a servo motor system which can effectively control the start and stop of the machine and ensures accurate and stable movement of the pack with heavy-duty elastic and wear-resistant conveying belt material
- High sensitivity and accurate electric counter plus a visual inspection system ensure accurate card sorting
- The touch-screen interface displays data settings clearly. Malfunctions are shown on the screen with self-diagnosis.

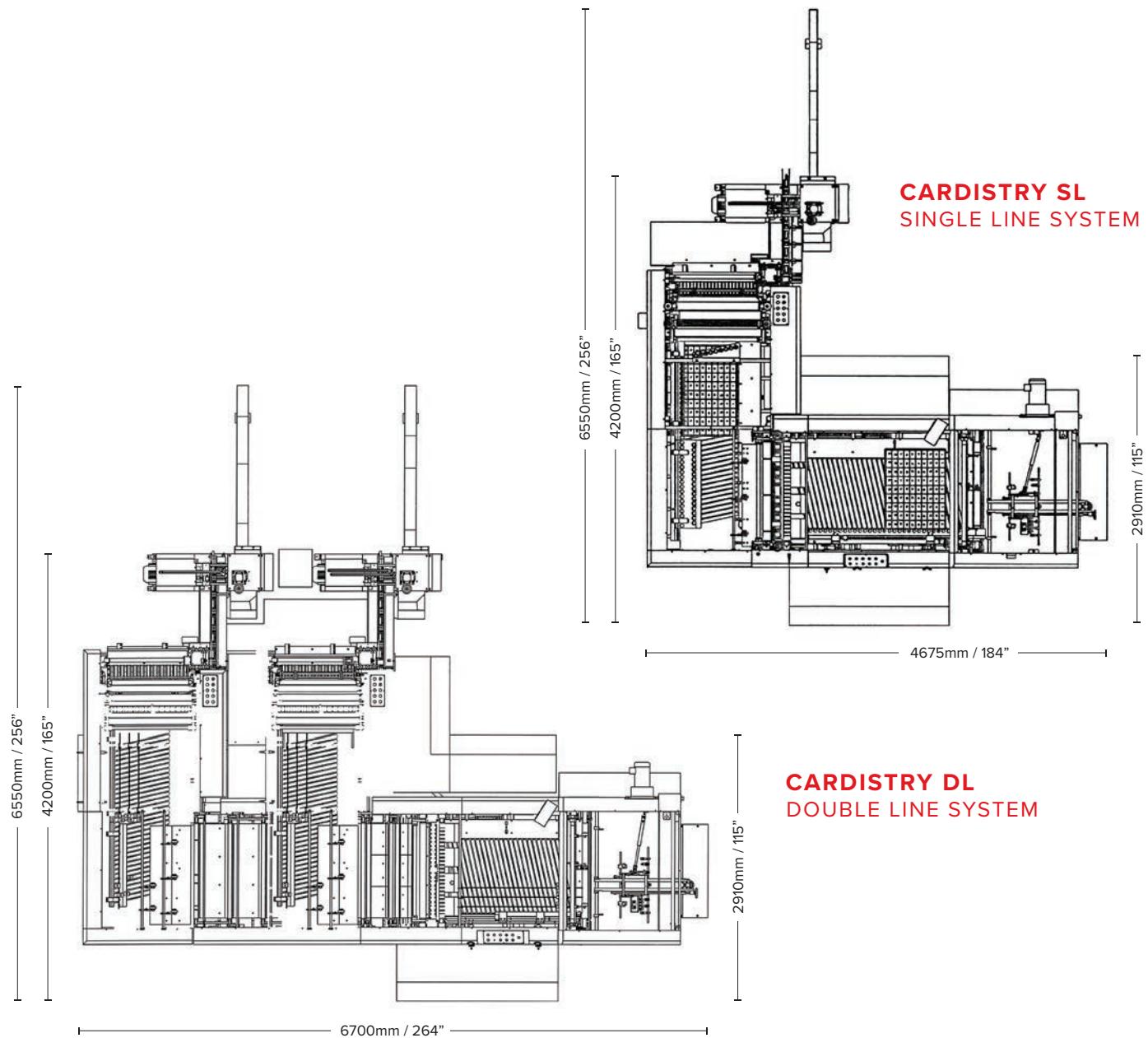


*Stable movement of cards ensures high speeds and extreme accuracy.*



## VERIFICATION

- 1 Once packs are verified to be complete and in sequence, the approved packs can be transferred to optional packaging equipment.
- 2 When a deck of cards meets both quantity and sequence conditions, the machine sends the approved cards to the box wrapping or film wrapping (cello packing) machines.
- 3 If cards do not meet the above two conditions, rejected cards are ejected to the waste unit.



**CARDISTRY DL**  
DOUBLE LINE SYSTEM

*Are you ready to eliminate excess labor, gain floor space, and greatly improve the quality of your game or collector card packs?*

*Tap into our decades of experience with all major card producers.*

*Find out how Rollem International will revolutionize your playing card, game card, sports or collectible card business.*

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