



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

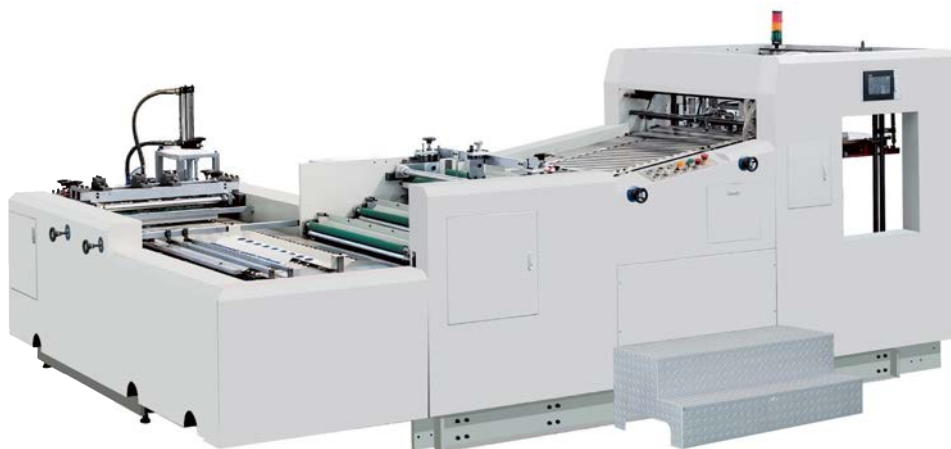
3P 220/240V

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

6.3T



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



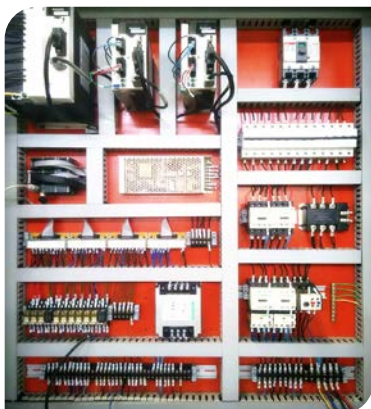
DL TRANSPORT

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.

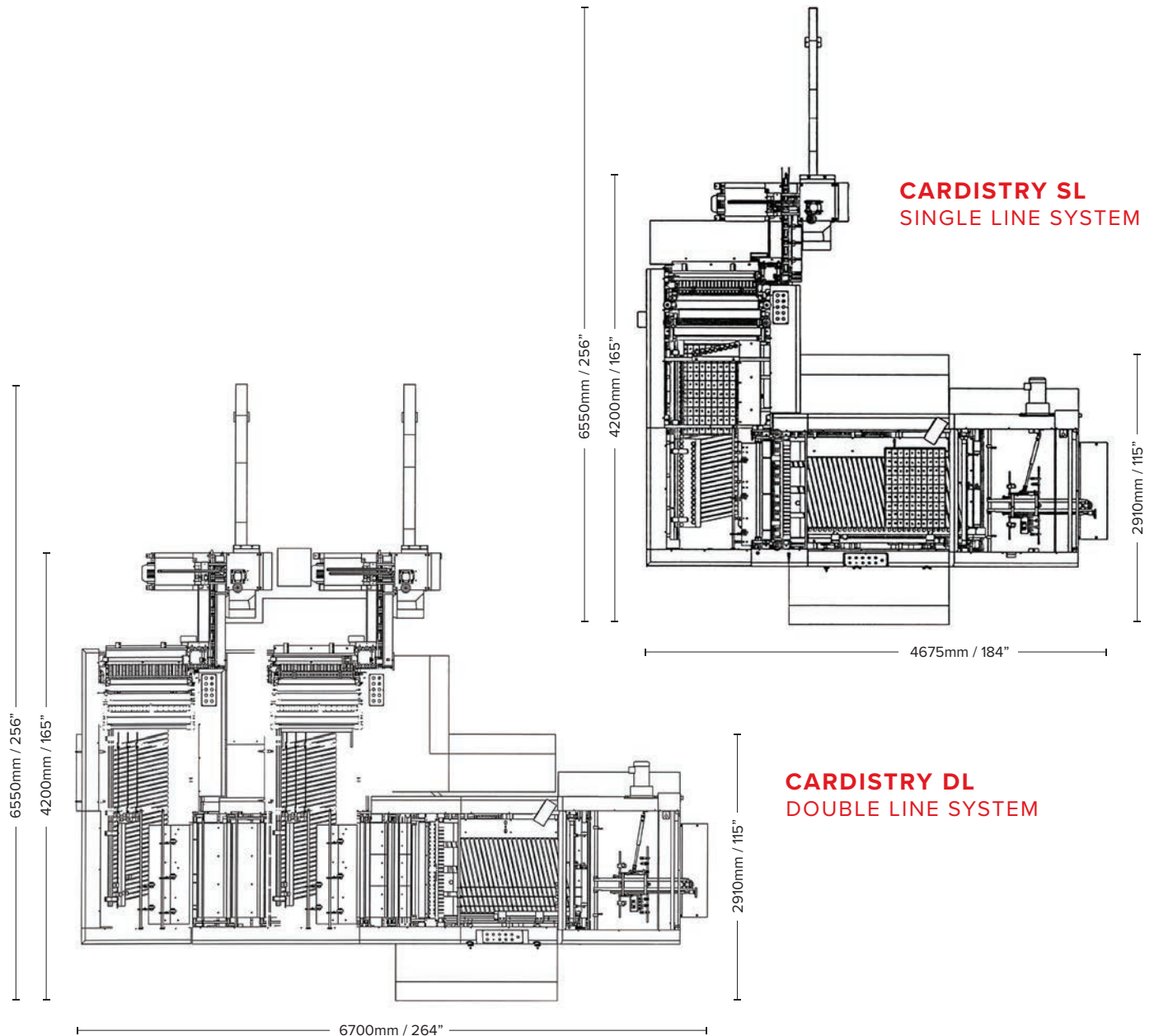


Stable movement of cards ensures high speeds and extreme accuracy.



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.



*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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