

Flatbed Die-Cutting Machines

Standard flatbed die-cutting, automatic stripping & blanking, and large-format converting for folding-carton, pharma, cosmetics and corrugated packaging – represented by Vtech Singapore.

Territory Coverage

Sole Authorized Distributor for Singapore and Malaysia
Regional Distributor for Southeast Asia

Commercial Contact

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The Standard Flatbed Lineup

Five Rosen RS-A configurations covering pure die-cut, economical, four-side waste removal, automatic stripping & blanking, and large-format 1650 × 1200 mm. Up to 8,000 sheets/hour, ±0.075 mm accuracy.



Why Converters Choose VTech

- 01 Commercial Proposals aligned with manufacturing priorities and ROI expectations
- 02 Faster coordination for quotation review
- 03 Professional installation planning support
- 04 Responsive after-sales service and prompt technical support
- 05 Competitive pricing and reliable machinery

INTRODUCTION

Rosen and Vtech Singapore

The Rosen RS-A flatbed series is engineered for converters demanding sheet-fed precision at scale – folding cartons, wine and cigarette boxes, cosmetics packaging, food-grade and corrugated work where quality, registration, and changeover speed all matter.

Through Vtech Singapore, customers gain a direct commercial channel for configuration matching, proposal coordination, installation planning, and structured after-sales follow-up – all in-region.

Commercial access

A single commercial contact for quicker quotation flow and clearer project communication.

Competitive positioning

Practical proposal support aligned to application fit, ROI expectations, and production priorities.

After-sales confidence

Coordinated support for installation planning, troubleshooting follow-up, and service response.

Sales Contact

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Commercial Positioning

- Reliable converting solutions for sustained production performance
- Commercially competitive proposals aligned with manufacturing priorities
- Structured coordination across installation planning, service response, and follow-up
- Prompt local engineering support – based out of Singapore, in-region for Southeast Asia



ROSEN

Rosen Precision Machinery (Guangdong) Co., Ltd

The Flatbed Lineup

Five configurations. Two formats. Standard die-cut workhorses, from base to large-format and full strip-and-blank.

Model	Function	Max Paper (mm)	Pressure	Speed (sheets/h)	Accuracy	Application Sweet-Spot
RS-A1050	Die-cut	1050 × 750	300 t	8,000	±0.075	The flagship die-cut platform — 80 g cardstock to 4 mm corrugated, with non-stop feed/delivery and pneumatic die-frame locking
RS-A1050E	Die-cut	1050 × 750	300 t	8,000	±0.075	Same precision and 8,000 sheets/hour as the RS-A1050, sized for shorter stacks and lighter capex — ideal for general carton work
RS-A1050R	Die-cut + Waste	1050 × 750	300 t	8,000	±0.075	Adds an integrated 4-side waste-removal section — eliminates the manual stripping step on high-volume folding carton lines
RS-A1050T	Die-cut + Strip + Blank	1050 × 750	300 t	8,000	±0.075	Full inline auto-stripping and product separation — non-stop sampling, NTC leveling, pull-out frame for fast changeovers
RS-A1650E	Die-cut (1650 mm)	1650 × 1200	400 t	6,000	±0.5	Large-format 1650 × 1200 mm flatbed — for E/B/C/A and AB-flute corrugated, oversize cartons, display board and outer packaging

All RS-A1050 variants — 80 g–2000 g paper, ≤ 4 mm corrugated · Gripper margin 9–18 mm · Die frame 1144 × 760 mm · Pneumatic die-frame locking · Touchscreen HMI · Non-stop feed and delivery · 380V / 3-phase · Air 0.6–0.7 MPa.

WIDELY USED IN

Folding Cartons · Wine & Cigarette Boxes · Cosmetics Packaging · Pharma & Food Cartons · Corrugated · Display & Display Board · Luxury Packaging

RS-A1050

High-Performance Automatic Flatbed Die-Cutting Machine

The flagship die-cut platform – 80 g cardstock to 4 mm corrugated, with non-stop feed/delivery and pneumatic die-frame locking



Model Specifications

Parameter	RS-A1050
Max paper size (mm)	1050 × 750
Min paper size (mm)	400 × 360
Max die-cut size (mm)	1040 × 730
Max die-cut pressure	300 ton
Max die-cut speed	8,000 sheets/h
Die-cut accuracy	±0.075 mm
Machine size L×W×H (mm)	6115 × 3960 × 2450
Machine weight	15 t

Common Specifications

Available paper	80 g – 2000 g, ≤ 4 mm corrugated
Gripper margin	9–18 mm
Die frame size	1144 × 760 mm
Die-cut accuracy	±0.075 mm
Die-frame locking	Pneumatic
Power supply	380V / 3-phase
Air supply	0.6–0.7 MPa, > 0.8 m ³ /min
Feeder	Pliers gripper, dual-mode (normal/decel)
Side positioning	Push-pull, paper-type configurable
Sensors	Double-sheet, front, side & feed-fault
Display	Touchscreen with auto-detect
Production	Non-stop feed and delivery

WIDELY USED IN

Folding Cartons

Wine & Cigarette

Cosmetics

Pharma

Food

Corrugated

Display Boards

RS-A1050E

Economical High-Performance Automatic Flatbed Die-Cutting Machine

Same precision and 8,000 sheets/hour as the RS-A1050, sized for shorter stacks and lighter capex – ideal for general carton work



Model Specifications

Parameter	RS-A1050E
Max paper size (mm)	1050 × 750
Min paper size (mm)	400 × 360
Max die-cut size (mm)	1040 × 730
Max die-cut pressure	300 ton
Max die-cut speed	8,000 sheets/h
Die-cut accuracy	±0.075 mm
Machine size L×W×H (mm)	6115 × 3960 × 2150
Machine weight	14.5 t

Common Specifications

Available paper	80 g – 2000 g, ≤ 4 mm corrugated
Gripper margin	9–18 mm
Die frame size	1144 × 760 mm
Die-cut accuracy	±0.075 mm
Die-frame locking	Pneumatic
Power supply	380V / 3-phase
Air supply	0.6–0.7 MPa, > 0.8 m³/min
Feeder	Pliers gripper, dual-mode (normal/decel)
Side positioning	Push-pull, paper-type configurable
Sensors	Double-sheet, front, side & feed-fault
Display	Touchscreen with auto-detect
Production	Non-stop feed and delivery

WIDELY USED IN

Folding Cartons

Wine & Cigarette

Cosmetics

Pharma

Food

Corrugated

Display Boards

RS-A1050R

High-Performance Automatic Flatbed Die-Cut with 4-Side Waste Removal

Adds an integrated 4-side waste-removal section – eliminates the manual stripping step on high-volume folding carton lines



Model Specifications

Parameter	RS-A1050R
Max paper size (mm)	1050 × 750
Min paper size (mm)	400 × 360
Max die-cut size (mm)	1040 × 730
Max die-cut pressure	300 ton
Max die-cut speed	8,000 sheets/h
Die-cut accuracy	±0.075 mm
Machine size L×W×H (mm)	6115 × 3960 × 2750
Machine weight	16.5 t

Common Specifications

Available paper	80 g – 2000 g, ≤ 4 mm corrugated
Gripper margin	9–18 mm
Die frame size	1144 × 760 mm
Die-cut accuracy	±0.075 mm
Die-frame locking	Pneumatic
Power supply	380V / 3-phase
Air supply	0.6–0.7 MPa, > 0.8 m ³ /min
Feeder	Pliers gripper, dual-mode (normal/decel)
Side positioning	Push-pull, paper-type configurable
Sensors	Double-sheet, front, side & feed-fault
Display	Touchscreen with auto-detect
Production	Non-stop feed and delivery

WIDELY USED IN

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Display Boards

RS-A1050T

Automatic Die-Cutting & Creasing Machine with Stripping & Blanking

Full inline auto-stripping and product separation – non-stop sampling, NTC leveling, pull-out frame for fast changeovers



Model Specifications

Parameter	RS-A1050T
Max paper size (mm)	1050 × 750
Min paper size (mm)	400 × 360
Max die-cut size (mm)	1040 × 730
Max die-cut pressure	300 ton
Max die-cut speed	8,000 sheets/h
Die-cut accuracy	±0.075 mm
Main motor power (kW)	15
Total power (kW)	34
Machine size L×W×H (mm)	9249 × 5936 × 2640
Machine weight	25 t

Common Specifications

Available paper	80 g – 2000 g, ≤ 4 mm corrugated
Gripper margin	9–18 mm
Die frame size	1144 × 760 mm
Die-cut accuracy	±0.075 mm
Die-frame locking	Pneumatic
Power supply	380V / 3-phase
Air supply	0.6–0.7 MPa, > 0.8 m³/min
Feeder	Pliers gripper, dual-mode (normal/decel)
Side positioning	Push-pull, paper-type configurable
Sensors	Double-sheet, front, side & feed-fault
Display	Touchscreen with auto-detect
Production	Non-stop feed and delivery

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Display Boards

RS-A1650E

High-Performance Automatic Flatbed Die-Cutting Machine – 1650 mm format

Large-format 1650 × 1200 mm flatbed – for E/B/C/A and AB-flute corrugated, oversize cartons, display board and outer packaging



Model Specifications

Parameter	RS-A1650E
Max paper size (mm)	1650 × 1200
Min paper size (mm)	650 × 450
Max die-cut size (mm)	1638 × 1180
Max die-cut pressure	400 ton
Max die-cut speed	6,000 sheets/h
Die-cut accuracy	±0.5 mm
Main motor power (kW)	18.5
Total power (kW)	41.7
Machine size L×W×H (mm)	6933 × 3906 × 2814
Machine weight	29 t

Common Specifications

Available paper	E, B, C, A and AB-flute corrugated
Gripper margin	9–18 mm
Die frame size	1630 × 1215 mm
Die-cut accuracy	±0.5 mm
Die-frame locking	Pneumatic
Power supply	380V / 3-phase
Air supply	0.6–0.7 MPa, > 0.8 m³/min
Feed stack height	416 mm
Delivery stack height	300 mm
Vacuum pump	Sino-German Baker
PLC	Taiwan Yongchong
Display	15-inch Kunlun Tongtai

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Factory Access. Local Service.

Imported converting machinery often leaves operators stranded – distant OEM support, slow spares, weak after-sales response when a line goes down.

VTech fixes that.

Full Rosen factory pricing and full lineup, paired with in-region engineering, demo capability, and prompt local response – all based out of Singapore.

01

Factory Direct

Direct manufacturer pricing – no middle-layer markup, no mystery margins.

02

Faster Lead Times

In-region planning and consolidated logistics shorten delivery vs. ad-hoc imports.

03

One-Stop Source

Every Rosen platform – print, die-cut, hot-stamp, slit, laminate, integrate, inspect, laser. One supplier, one PO.

04

Local Demo

Live demos and spec consultations in-region before you commit to a machine.

05

Trained Engineers

Commissioning, training, and ongoing support from VTech engineers – not a remote help desk.

VTECH | ROSEN PARTNERSHIP

VTECH

ROSEN

Exclusive Rosen Distributor

Singapore · Malaysia · South-East Asia

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