

# Rotary Machines

Servo-driven rotary die-cutting solutions for labels, films, foams, and technical converting work – represented by Vtech Singapore for executive sales discussions and regional business development.

## Territory Coverage

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

## Commercial Contact

Brian Goh  
+65 8889 9936  
Brian.goh@vtechadvanced.com  
1 Gateway Dr, #07-01 Westgate Tower, Singapore 608531

## Rotary Die-Cutting Solutions

The full Rosen RS-Y rotary die-cutting platform – eight station counts from 12T to 42T, four web widths up to 550 mm,  $\pm 0.05$  mm precision across labels, films, foams, and technical converting work.



## 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

Rosen develops precision converting and intelligent finishing equipment for labels, adhesive materials, films, foams, medical applications, electronics, and related manufacturing sectors.

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

### 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

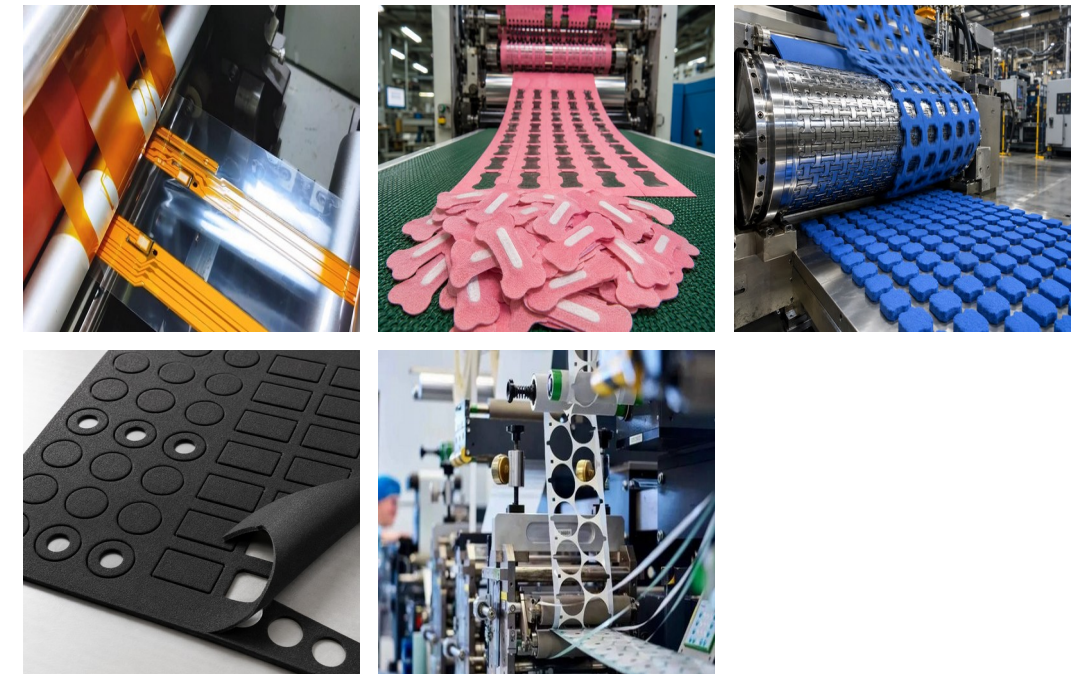
Coordinated support for installation planning, troubleshooting follow-up, and service response.

### Sales Contact

Brian Goh | +65 8889 9936 | [Brian.goh@vtechadvanced.com](mailto:Brian.goh@vtechadvanced.com)  
Vtech Singapore | 1 Gateway Dr, #07-01 Westgate Tower, Singapore 608531  
Sole Authorized Distributor for Singapore and Malaysia | Regional Distributor for Southeast Asia

## 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 Full Rotary Lineup

Eight station counts. Four web widths. One platform.

Model	Stations	Web Widths (mm)	Max Speed	Total Power (kW)	Machine Length	Application Sweet-Spot
RS-Y 12T	12	450, 550	60 m/min	60	5,230 mm	Compact rotary entry – 2 widths, plug-and-go converting
RS-Y 13T	13	250, 350, 450, 550	60 m/min	45.5 / 65	5,550 mm	Compact 13-station – full width range, light footprint
RS-Y 16T	16	250, 350, 450, 550	60 m/min	56 / 80	6,840 mm	Mid-station – flexible inline finishing
RS-Y 20T	20	250, 350, 450, 550	60 m/min	70 / 100	8,732 mm	20-station – multi-process flexibility
RS-Y 26T	26	250, 350, 450, 550	60 m/min	91 / 130	10,652 mm	Heavy-duty mid-line – multi-layer kiss & through cuts
RS-Y 32T	32	250, 350, 450, 550	60 m/min	112 / 160	12,572 mm	32-station – high-mix premium converting
RS-Y 36T	36	250, 350, 450, 550	60 m/min	126 / 180	13,852 mm	36-station – complex multi-step inline
RS-Y 42T	42	250, 350, 450, 550	60 m/min	147 / 210	15,120 mm	Full-line flagship – 42 stations, dual-system production

All variants — 1/8" 3.175 mm knife-teeth pitch · ±0.05 mm die-cutting accuracy · ±0.1 mm registration · servo-driven · 60 m/min

## WIDELY USED IN

Electronics • Medical & Cosmetics • Automotive • RFID • Labels & Printing • Adhesive Films & Foams

# RS-Y 12T

Rotary Die-Cutting Machine – 12 stations

Compact rotary entry – 2 widths, plug-and-go converting



## Variant Parameters

Model	RS-Y450-12T	RS-Y550-12T
Max. material width (mm)	450	550
Max. material weight (kg)	60	80
Total power (kW)	60	60
Machine weight (kg)	8,400	10,800
Machine size L×W×H (mm)	5230×2410×2320	5230×2510×2320
Mobile operating tables	1	1

## Servo Configuration

Die-cutting servo motor	12
Receiving / discharge axis (set)	24
Discharge servo motor	24

## Common Specifications

Material type	Roll
Reel diameter	3 inch
Knife teeth pitch	1/8" (3.175 mm)
Range of teeth for loading	Upper 53–200T / Lower 60–200T
Rated voltage	380V / 50Hz / 3-phase
Die-cutting accuracy	0.1 mm
Integration accuracy	0.1 mm
Correct accuracy	±0.1 mm
Installation method	Stationary
Inflation method	Push button / touch screen
Main frame base	Aluminium frame + weld holder
Rectify deviation	Yes
Safety light curtain	Optional
Display screen	15" touchscreen

## WIDELY USED IN

Electronics

Medical & Cosmetics

Automotive

RFID

Labels & Printing

Adhesive Films

Foams

# RS-Y 13T

Rotary Die-Cutting Machine – 13 stations

Compact 13-station – full width range, light footprint



## Variant Parameters

Model	RS-Y250-13T	RS-Y350-13T	RS-Y450-13T	RS-Y550-13T
Max. material width (mm)	250	350	450	550
Max. material weight (kg)	20	40	60	80
Total power (kW)	45.5	45.5	65	65
Machine weight (kg)	5,000	6,500	9,100	11,700
Machine size L×W×H (mm)	5550×2210×2320	5550×2310×2320	5550×2410×2320	5550×2510×2320
Mobile operating tables	1	1	1	1

## Servo Configuration

Die-cutting servo motor	<b>13</b>
Receiving / discharge axis (set)	<b>26</b>
Discharge servo motor	<b>26</b>

## Common Specifications

Material type	<b>Roll</b>
Reel diameter	<b>3 inch</b>
Knife teeth pitch	<b>1/8" (3.175 mm)</b>
Range of teeth for loading	<b>Upper 53–200T / Lower 60–200T</b>
Rated voltage	<b>380V / 50Hz / 3-phase</b>
Die-cutting accuracy	<b>0.1 mm</b>
Integration accuracy	<b>0.1 mm</b>
Correct accuracy	<b>±0.1 mm</b>
Installation method	<b>Stationary</b>
Inflation method	<b>Push button / touch screen</b>
Main frame base	<b>Aluminium frame + weld holder</b>
Rectify deviation	<b>Yes</b>
Safety light curtain	<b>Optional</b>
Display screen	<b>15" touchscreen</b>

## WIDELY USED IN

Electronics

Medical & Cosmetics

Automotive

RFID

Labels & Printing

Adhesive Films

Foams

# RS-Y 16T

Rotary Die-Cutting Machine – 16 stations

Mid-station – flexible inline finishing



## Variant Parameters

Model	RS-Y250-16T	RS-Y350-16T	RS-Y450-16T	RS-Y550-16T
Max. material width (mm)	250	350	450	550
Max. material weight (kg)	20	40	60	80
Total power (kW)	56	56	80	80
Machine weight (kg)	6,200	8,200	11,200	14,400
Machine size L×W×H (mm)	6840×2210×2320	6840×2310×2320	6840×2410×2320	6840×2510×2320
Mobile operating tables	1	1	1	1

## Servo Configuration

Die-cutting servo motor	<b>16</b>
Receiving / discharge axis (set)	<b>32</b>
Discharge servo motor	<b>32</b>

## Common Specifications

Material type	<b>Roll</b>
Reel diameter	<b>3 inch</b>
Knife teeth pitch	<b>1/8" (3.175 mm)</b>
Range of teeth for loading	<b>Upper 53–200T / Lower 60–200T</b>
Rated voltage	<b>380V / 50Hz / 3-phase</b>
Die-cutting accuracy	<b>0.1 mm</b>
Integration accuracy	<b>0.1 mm</b>
Correct accuracy	<b>±0.1 mm</b>
Installation method	<b>Stationary</b>
Inflation method	<b>Push button / touch screen</b>
Main frame base	<b>Aluminium frame + weld holder</b>
Rectify deviation	<b>Yes</b>
Safety light curtain	<b>Optional</b>
Display screen	<b>15" touchscreen</b>

## WIDELY USED IN

Electronics

Medical & Cosmetics

Automotive

RFID

Labels & Printing

Adhesive Films

Foams

# RS-Y 20T

Rotary Die-Cutting Machine – 20 stations

20-station – multi-process flexibility



## Variant Parameters

Model	RS-Y250-20T	RS-Y350-20T	RS-Y450-20T	RS-Y550-20T
Max. material width (mm)	250	350	450	550
Max. material weight (kg)	20	40	60	80
Total power (kW)	70	70	100	100
Machine weight (kg)	7,500	10,000	14,000	18,000
Machine size L×W×H (mm)	8732×2210×2320	8732×2310×2320	8732×2410×2320	8732×2510×2320
Mobile operating tables	1	1	1	1

## Servo Configuration

Die-cutting servo motor	20
Receiving / discharge axis (set)	40
Discharge servo motor	40

## Common Specifications

Material type	Roll
Reel diameter	3 inch
Knife teeth pitch	1/8" (3.175 mm)
Range of teeth for loading	Upper 53-200T / Lower 60-200T
Rated voltage	380V / 50Hz / 3-phase
Die-cutting accuracy	0.1 mm
Integration accuracy	0.1 mm
Correct accuracy	±0.1 mm
Installation method	Stationary
Inflation method	Push button / touch screen
Main frame base	Aluminium frame + weld holder
Rectify deviation	Yes
Safety light curtain	Optional
Display screen	15" touchscreen

## WIDELY USED IN

Electronics

Medical & Cosmetics

Automotive

RFID

Labels & Printing

Adhesive Films

Foams

# RS-Y 26T

Rotary Die-Cutting Machine – 26 stations

Heavy-duty mid-line – multi-layer kiss & through cuts



## Variant Parameters

Model	RS-Y250-26T	RS-Y350-26T	RS-Y450-26T	RS-Y550-26T
Max. material width (mm)	250	350	450	550
Max. material weight (kg)	20	40	60	80
Total power (kW)	91	91	130	130
Machine weight (kg)	8,600	13,000	18,200	23,500
Machine size L×W×H (mm)	10652×2210×2320	10652×2310×2320	10652×2410×2320	10652×2510×2320
Mobile operating tables	2	2	2	2

## Servo Configuration

Die-cutting servo motor	26
Receiving / discharge axis (set)	52
Discharge servo motor	52

## Common Specifications

Material type	Roll
Reel diameter	3 inch
Knife teeth pitch	1/8" (3.175 mm)
Range of teeth for loading	Upper 53–200T / Lower 60–200T
Rated voltage	380V / 50Hz / 3-phase
Die-cutting accuracy	0.1 mm
Integration accuracy	0.1 mm
Correct accuracy	±0.1 mm
Installation method	Stationary
Inflation method	Push button / touch screen
Main frame base	Aluminium frame + weld holder
Rectify deviation	Yes
Safety light curtain	Optional
Display screen	15" touchscreen

## WIDELY USED IN

Electronics

Medical & Cosmetics

Automotive

RFID

Labels & Printing

Adhesive Films

Foams

# RS-Y 32T

Rotary Die-Cutting Machine – 32 stations

32-station – high-mix premium converting



## Variant Parameters

Model	RS-Y250-32T	RS-Y350-32T	RS-Y450-32T	RS-Y550-32T
Max. material width (mm)	250	350	450	550
Max. material weight (kg)	20	40	60	80
Total power (kW)	112	112	160	160
Machine weight (kg)	9,600	16,000	22,400	28,800
Machine size L×W×H (mm)	12572×2210×2320	12572×2310×2320	12572×2410×2320	12572×2510×2320
Mobile operating tables	2	2	2	2

## Servo Configuration

Die-cutting servo motor	<b>32</b>
Receiving / discharge axis (set)	<b>64</b>
Discharge servo motor	<b>64</b>

## Common Specifications

Material type	<b>Roll</b>
Reel diameter	<b>3 inch</b>
Knife teeth pitch	<b>1/8" (3.175 mm)</b>
Range of teeth for loading	<b>Upper 53–200T / Lower 60–200T</b>
Rated voltage	<b>380V / 50Hz / 3-phase</b>
Die-cutting accuracy	<b>0.1 mm</b>
Integration accuracy	<b>0.1 mm</b>
Correct accuracy	<b>±0.1 mm</b>
Installation method	<b>Stationary</b>
Inflation method	<b>Push button / touch screen</b>
Main frame base	<b>Aluminium frame + weld holder</b>
Rectify deviation	<b>Yes</b>
Safety light curtain	<b>Optional</b>
Display screen	<b>15" touchscreen</b>

## WIDELY USED IN

Electronics

Medical & Cosmetics

Automotive

RFID

Labels & Printing

Adhesive Films

Foams

# RS-Y 36T

Rotary Die-Cutting Machine – 36 stations

36-station – complex multi-step inline



## Variant Parameters

Model	RS-Y250-36T	RS-Y350-36T	RS-Y450-36T	RS-Y550-36T
Max. material width (mm)	250	350	450	550
Max. material weight (kg)	20	40	60	80
Total power (kW)	126	126	180	180
Machine weight (kg)	10,300	18,000	25,200	32,400
Machine size L×W×H (mm)	13852×2210×2320	13852×2310×2320	13852×2410×2320	13852×2510×2320
Mobile operating tables	3	3	3	3

## Servo Configuration

Die-cutting servo motor	<b>36</b>
Receiving / discharge axis (set)	<b>72</b>
Discharge servo motor	<b>72</b>

## Common Specifications

Material type	<b>Roll</b>
Reel diameter	<b>3 inch</b>
Knife teeth pitch	<b>1/8" (3.175 mm)</b>
Range of teeth for loading	<b>Upper 53–200T / Lower 60–200T</b>
Rated voltage	<b>380V / 50Hz / 3-phase</b>
Die-cutting accuracy	<b>0.1 mm</b>
Integration accuracy	<b>0.1 mm</b>
Correct accuracy	<b>±0.1 mm</b>
Installation method	<b>Stationary</b>
Inflation method	<b>Push button / touch screen</b>
Main frame base	<b>Aluminium frame + weld holder</b>
Rectify deviation	<b>Yes</b>
Safety light curtain	<b>Optional</b>
Display screen	<b>15" touchscreen</b>

## WIDELY USED IN

Electronics

Medical & Cosmetics

Automotive

RFID

Labels & Printing

Adhesive Films

Foams

# RS-Y 42T

Rotary Die-Cutting Machine – 42 stations

Full-line flagship – 42 stations, dual-system production



## Variant Parameters

Model	RS-Y250-42T	RS-Y350-42T	RS-Y450-42T	RS-Y550-42T
Max. material width (mm)	250	350	450	550
Max. material weight (kg)	20	40	60	80
Total power (kW)	147	147	210	210
Machine weight (kg)	12,600	21,000	29,400	37,800
Machine size L×W×H (mm)	15120×2210×2290	15120×2310×2290	15120×2410×2290	15120×2510×2290
Mobile operating tables	3	3	3	3

## Servo Configuration

Die-cutting servo motor	42
Receiving / discharge axis (set)	84
Discharge servo motor	84

## Common Specifications

Material type	Roll
Reel diameter	3 inch
Knife teeth pitch	1/8" (3.175 mm)
Range of teeth for loading	Upper 53–200T / Lower 60–200T
Rated voltage	380V / 50Hz / 3-phase
Die-cutting accuracy	0.1 mm
Integration accuracy	0.1 mm
Correct accuracy	±0.1 mm
Installation method	Stationary
Inflation method	Push button / touch screen
Main frame base	Aluminium frame + weld holder
Rectify deviation	Yes
Safety light curtain	Optional
Display screen	15" touchscreen

## WIDELY USED IN

Electronics

Medical & Cosmetics

Automotive

RFID

Labels & Printing

Adhesive Films

Foams

# 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

**Brian Goh**

Brian.goh@vtechadvanced.com · +65 8889 9936

1 Gateway Dr, #07-01 Westgate Tower, Singapore 608531