

# Slitting (Including Laser)

High-speed servo slitting from 1300 to 1700 mm and CO<sub>2</sub> laser die-cutting with CCD visual nesting – two Rosen converting platforms, 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

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## High-Speed Servo Slitting • CO<sub>2</sub> Laser Die-Cutting

Rosen's converting toolkit covers post-print finishing – SLM-series slitters from 1300–1700 mm and RS-LS CO<sub>2</sub> laser die-cutters with CCD nesting for thin-film and label work. Premium servo control across every platform.



## 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

Beyond printing and die-cutting, Rosen's slitting and laser-cutting platforms cover the post-print finishing layer for narrow-web and wide-web converting work (SLM-G up to 1700 mm at 300 m/min, SLM-Q for varnish glue and double-sided tape) and CO<sub>2</sub> laser die-cutting (RS-LS series with CCD visual nesting for thin-film and label work).

Through Vtech Singapore, customers configure the right slitting and laser combination — and get proposal coordination, installation planning, and structured after-sales support 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

# Slitting • Laser

Two converting families. Three platforms. From 1700 mm web slitting to 30/60 W CO<sub>2</sub> laser die-cut.

Module	Function	Capability	Application Sweet-Spot
<b>SLM-G1300 / G1700</b>	<b>High-speed slitting</b>	Servo direct drive • 300 m/min	Wide-web high-speed slitter for adhesive stock, kraft, release paper and release film — EPC web-guide, 3" spline air shaft rewind, optional auto bottom-knife arrangement
<b>SLM-Q1300</b>	<b>Automatic slitting (precision)</b>	Imported ball-screw, varnish-film optimised	Precision slitter built for varnish films and double-sided tape — imported ball-screw guide rollers, dedicated bend-resistant signal cabling, exclusive smooth system for extended service life
<b>RS-LS6050 / 8070 / 1260</b>	<b>CO<sub>2</sub> laser die-cut</b>	30/60 W laser • CCD visual nesting	Delta servo with gantry synchronisation, marble-thickened 500 kg base for zero deformation, CCD visual nesting for repeat cuts, USA-brand 30/60 W laser head — built for thin-film and label work

All platforms — full-servo control, in-line EPC web-guide, recipe-driven HMI, CE-Certified, in-region commissioning and after-sales by VTech engineers.

## WIDELY USED IN

**Adhesive Films • Release Liners • Labels • Packaging Films • Tri-Layer Composites • Specialty Papers • Medical & Electronics Substrates**

# SLM-G1300 / G1700

High-Speed Slitter – Servo-Driven Web Slitting & Rewinding

Wide-web high-speed slitter for adhesive stock, kraft, release paper and release film – EPC web-guide, 3" spline air shaft rewind, optional auto bottom-knife arrangement



## Model Specifications

Parameter	SLM-G1300 / G1700
Web widths	1300 mm (G1300) / 1700 mm (G1700)
Slitting width	30 - 1300 mm / 30 - 1700 mm
Slitting speed	300 m/min (both)
Slitting accuracy	±0.1 mm
Unwind diameter	φ 1000 mm
Rewind diameter	φ 600 mm
Paper core ID	3 inch
Voltage	380 V
Total power	12 kW (G1300) / 15 kW (G1700)
Machine size	L 2200 × W 3200 × H 2100 mm
Machine weight	3000 kg (G1300) / 3500 kg (G1700)

## Common Specifications

Architecture	Modular, full-servo control
HMI	Touchscreen with recipe management
Tension control	Multi-zone, auto-balanced
Drive system	Servo motors, individually controlled
Edge guidance	EPC auto-correction
Materials	Films, papers, foils, foams, label stock
Power supply	380V / 3-phase
Integration	Standalone or inline retrofit
Safety	Light curtains, e-stop, lock-out (CE-Certified)
Service	VTech engineers – installation, training, maintenance
Sourcing	Premium components – servo motors, sensors, PLCs
Quality	100% pre-shipment factory acceptance

## WIDELY USED IN

Adhesive Films

Release Liners

Labels

Packaging

Tri-Layer Films

Tape

Foam

# SLM-Q1300

Automatic Slitter – Varnish Glue & Double-Sided Tape

Precision slitter built for varnish films and double-sided tape – imported ball-screw guide rollers, dedicated bend-resistant signal cabling, exclusive smooth system for extended service life



## Model Specifications

Parameter	SLM-Q1300
Web width	1300 mm
Cutting width	1 - 1250 mm
Cutting precision	±0.1 mm
Paper core ID	76 mm (25-76 mm customisable)
Max unwind diameter	299 mm
Voltage	380 V / 50 Hz (220 V customisable)
Total power	7.9 kW
Machine size	2900 × 1300 × 1500 mm
Machine weight	1500 kg
Application	Varnish glue, double-sided tape

## Common Specifications

Architecture	Modular, full-servo control
HMI	Touchscreen with recipe management
Tension control	Multi-zone, auto-balanced
Drive system	Servo motors, individually controlled
Edge guidance	EPC auto-correction
Materials	Films, papers, foils, foams, label stock
Power supply	380V / 3-phase
Integration	Standalone or inline retrofit
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# RS-LS6050 / 8070 / 1260

High Precision Laser Die-Cutting Machine – RS-LS Series

*Delta servo with gantry synchronisation, marble-thickened 500 kg base for zero deformation, CCD visual nesting for repeat cuts, USA-brand 30/60 W laser head – built for thin-film and label work*



## Model Specifications

Parameter	RS-LS6050 / 8070 / 1260
Variants	RS-LS6050 / RS-LS8070 / RS-LS1260
Feed width	500 / 700 / 600 mm
Cutting range	600 × 500 / 800 × 700 / 1200 × 600 mm
Cutting speed	0–300 / 0–500 / 0–300 mm/s
Laser power	30 / 60 W · CO <sub>2</sub> metal-tube RF laser
Laser wavelength	9.3 μm
Cutting accuracy	≤ 0.05 mm / ≤ 0.05 mm / ≤ 0.1 mm
Positioning accuracy	≤ 0.02 mm / ≤ 0.03 mm / ≤ 0.02 mm
Graphic format	DXF / BMP / AI / DST / PLT · DXF / DWG (1260)
Software	CorelDRAW, AutoCAD
Total power	4.4 kW (with feeding) / 3.65 kW (without)
Machine size	2100×1900×1900 / 2300×2100×1900 / 2500×2100×1350 mm
Machine weight	1300 kg / 1500 kg / 1500 kg

## Common Specifications

Architecture	Modular, full-servo control
HMI	Touchscreen with recipe management
Tension control	Multi-zone, auto-balanced
Drive system	Servo motors, individually controlled
Edge guidance	EPC auto-correction
Materials	Films, papers, foils, foams, label stock
Power supply	380V / 3-phase
Integration	Standalone or inline retrofit
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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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