

Lamination

Solventless film lamination at 400 m/min for tri-layer composites — 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

Solventless Film Lamination

Rosen's lamination toolkit covers post-print finishing — RSL solventless film laminators up to 1250 mm × 400 m/min for tri-layer composites (BOPP/AL/PE, BOPP/VMPET/PE). 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 lamination platform covers the post-print finishing layer — solventless film lamination (RSL1250B-400 and RSL1250S-400 for tri-layer BOPP/AL/PE, BOPP/VMPET/PE composites at 400 m/min, paired with ±0.5 mm edge evenness and ±1.5 N tension tolerance).

Through Vtech Singapore, customers configure the right lamination platform — 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

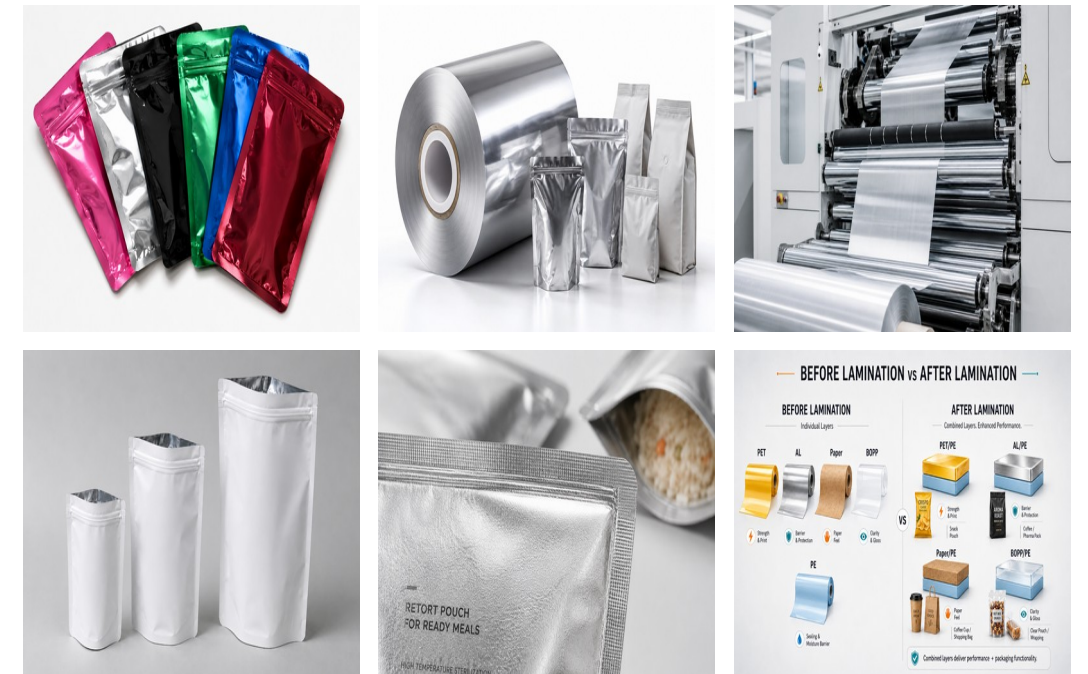
Coordinated support for installation planning, troubleshooting follow-up, and service response.

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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

Lamination

One converting family. Two platforms. Solventless film lamination at 400 m/min, ± 0.5 mm edge evenness for tri-layer composites.

Module	Function	Capability	Application Sweet-Spot
RSL1250B-400 / 800B-400	Solventless lamination	7-servo synchronous tension · 400 m/min	7 sets of synchronous servos for steady tension control – chromium-oxide steel cylinders for wear and corrosion resistance, dual-protection rubber-roller cleaning, water-cooled, PET-AL foil capable
RSL1250S-400	Tri-layer solventless lamination	Once-through tri-layer composites	Built for once-through tri-layer lamination – BOPP/AL/PE, BOPP/VMPET/PE, PET/NY/AL/PE, PET/VMPET/PE – high efficiency, low waste, two-layer compatible

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

RSL1250B-400 / 800B-400

Solventless Film Laminator – Vision Series

7 sets of synchronous servos for steady tension control – chromium-oxide steel cylinders for wear and corrosion resistance, dual-protection rubber-roller cleaning, water-cooled, PET-AL foil capable



Model Specifications

Parameter	RSL1250B-400 / 800B-400
Web widths	550 – 1250 mm (B-1250) / 250 – 800 mm (B-800)
Roller length	1350 mm / 850 mm
Max mechanical speed	400 m/min
Unwinding/winding diameter	Max ϕ 800 mm
Paper core ID	ϕ 152 (6") + ϕ 76 (3") mm
Adhesive coating	1.0 – 5 g/m ² · Solvent-less
Edge evenness	\pm 0.5 mm
Tension tolerance	\pm 1.5 N (3–300 N range)
Main motor power	\approx 50 kW
Power required	380 V, 3-phase 5-line, \pm 10 %
Machine size	5450 × 2500 × 2200–2400 / 5450 × 2000 × 2200–2400 mm
Machine weight	\approx 8.5 t / \approx 7.5 t

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

RSL1250S-400

Vision Solventless Laminator – Tri-Layer Specialist

Built for once-through tri-layer lamination – BOPP/AL/PE, BOPP/VMPET/PE, PET/NY/AL/PE, PET/VMPET/PE – high efficiency, low waste, two-layer compatible



Model Specifications

Parameter	RSL1250S-400
Web width	550 – 1250 mm
Roller length	1350 mm
Max mechanical speed	400 m/min
Unwinding/winding diameter	Max \varnothing 800 mm
Paper core ID	\varnothing 152 (6") + \varnothing 76 (3") mm
Adhesive coating	1.0 – 5 g/m ² · Solvent-less
Edge evenness	±0.5 mm
Tension tolerance	±1.5 N (3–300 N range)
Main motor power	≈ 80 kW
Power required	380 V, 3-phase 5-line, ±10 %
Machine size	10000 × 2500 × 2200–2400 mm
Machine weight	≈ 12 t

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
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Adhesive Films

Release Liners

Labels

Packaging

Tri-Layer Films

Tape

Foam

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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