



**Special  
Edition**

Established in the year 2008, **RMG Technologies Viet Nam** is a reputed name engaged in trading and manufacturing a wide range of material and equipment supporting Printed Circuit Boards Assembly Industries like SMT Machine, Wave Soldering, Selective Soldering Machine, Conveyors, Solder Paste, ESD material, Tool/jig Fixtures, **the Air Bubble Film Roll, Air Bubble bags, EPE Foam material and EPE Foam customized parts.**

# EQUIPMENT

# & SERVICE For SMT



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Contact **Hotline: 090 828 8379**

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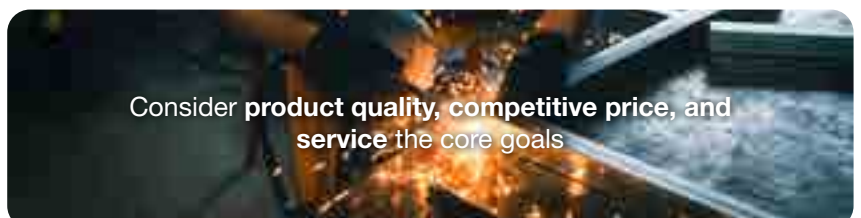
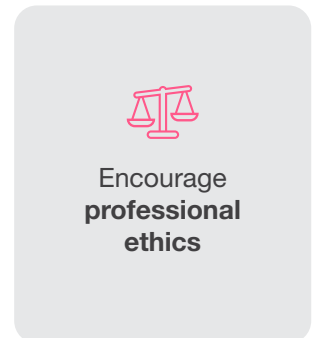
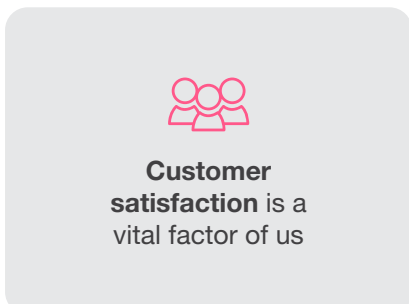
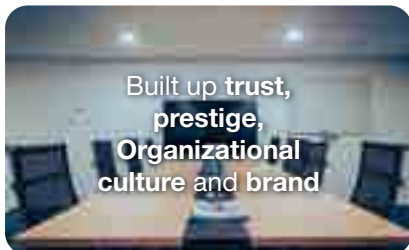
[www.rmg.com.vn](http://www.rmg.com.vn)

**To be founded in August 2008.** After 15 years of operation and development, **RMG Vietnam has an office system and three large factories with about 120 official employees.** (In District 9, Ho Chi Minh City, Quang Phu Industrial Park in Quang Ngai Province, Tien Son Industrial Park in Bac Ninh Province).

Developing solutions in SMT is never an easy journey. It is not a journey that can do alone. Over the years, RMG technologies Viet Nam has worked hard to provide the SMT Viet Nam market with the best quality products.



### We focus on





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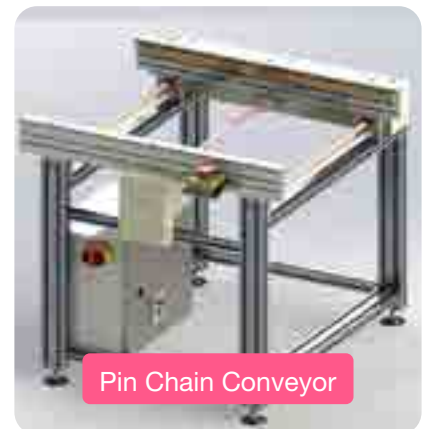
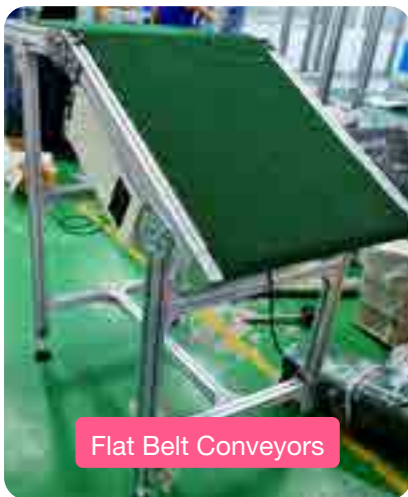
At RMG, **our employee is creating great products that gives value to customers and enriches their firm's operation.** That goal and our values have only proved more essential through periods of yearly challenge — as we've continued to innovate and deliver the best for our customers. We're deeply proud of how teams across RMG worked together in service of that mission.

# Belt Conveyors

Currently, RMG has many types of conveyor belts serving many different purposes to bring value to customers.

**RMG conveyor** system is an indispensable equipment in industrial production enterprises. RMG conveyor systems help improve labor productivity, reduce labor costs, and bring economic benefits to businesses.

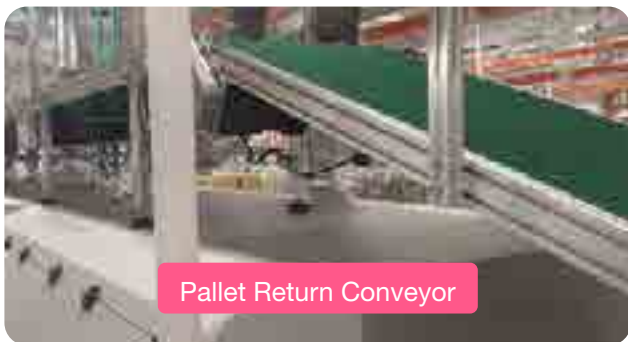
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RMG is always up to date with the latest machining technology, to ensure **very competitive prices and good quality by optimizing production processes and improving production efficiency.**

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Pallet Return Conveyor



Roller - Belt Conveyor Round Type



Roller Conveyors



2 Layers Conveyors

# Stencil

*RMG can provide you with our **the best quality Stencil and framework** so you can handle assembly from the convenience of your own worktable.*

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**METAL STENCIL FOR SOLDER PASTE PRINTER**

**MINI STENCIL FOR BGA REBALL**



**LPKF StencilLaser G 6080**

## Technology

Air-cooled LongLife Laser  
Cutting Gas Management

Dynamic Design  
Real-time Process Control

## Technical Data: StencilLaser G 6080

Laser class	1
Maximum frame size (X/Y)	740mm x 950mm x 40mm (29.1" x 39.4" x 1.6")
Cutting range (X/Y)	600mm x 800mm (23.6" x 31.5")
Repeatability	±2µm
Maximum loose sheet size (X/Y)	650mm x 850mm (25.6" x 33.5")
Material thickness	Up to 1mm (0.04")
Laser repetition rate	Max. 45kHz
Axial precision	±2µm
Right-angle precision	4 angular seconds

# PALLET

RMG has more than 15 years of experience in Pallet design and processing for wave soldering machine, SMT, coating process.

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# TOOL - JIG - FIXTURE

RMG Tool - Jig - Fixture are used to ease machining operations and reduce the non-productive time of any mass production process. They help companies **increase productivity and production speed and cut overall expenses**. They **reduce the time required for quality control, cut down on errors, and speed up the production process**. Furthermore, they are easier to use, even by semi-skilled operators. And since they are standardized, they **ensure that every part produced is consistent, reducing the risk of human error**.

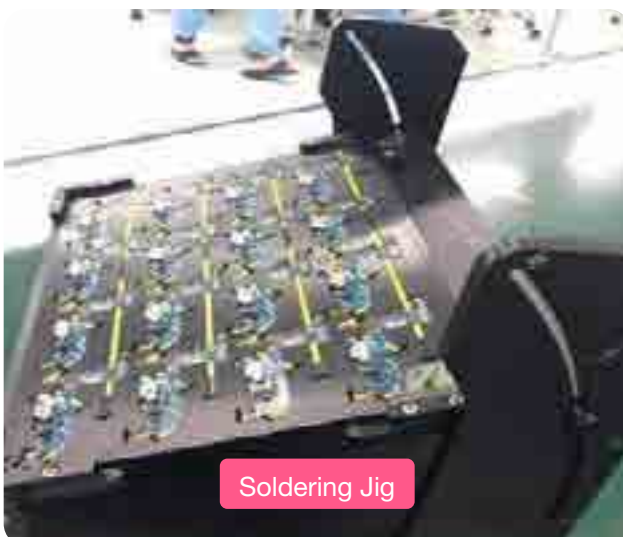
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Inspection Template



Durostone Jigs



Soldering Jig



Part Feeder Stock Carts

# SMT EQUIPMENT

**RMG is one of the leading and professional SMT machine manufacturers and suppliers in Vietnam.** Here we bring you a great selection of quality SMT supporting machine. Please rest assured to whole experience our quality equipment and enjoy our good service. We specialize in providing SMT products, for example: SMT soaking tank and Robot Machine, SMT oven and other machine.

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# AUTOMATION SYSTEM

RMG's Automation system engineered for operating in SMT field. Our automation operate smoothly, stably, safely, easy to deploy. In addition, we also provide services, commissioning, problem-solving, hardware selection and programming. We have the experience to improve existing machinery as well as to develop new machinery.

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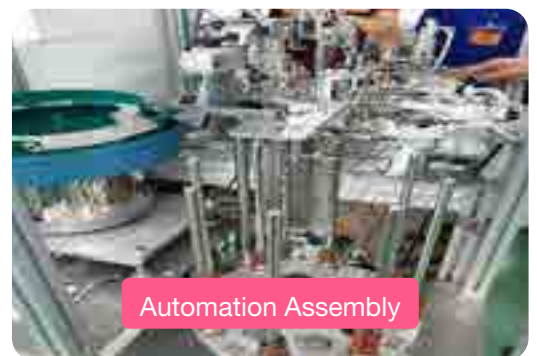
Automation Stations



Automation Loadcell System



Automation Cleaning Line



Automation Assembly

# PCBA TROLLEYS

The frame of the RMG trolleys is usually made of stainless steel. This type of material can withstand heavy loads, which can be up to several hundred PCB boards or about 50 to 70kg of material at a time.

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SUS Pipe & Joint Trolley



Component Reel Trolley



PCBA Magazine Trolley



Customized Trolley  
With Roller



PCBA SUS Pipe & Joint Trolley  
With ESD Table Top



Our SMT Trolley products are **very simple, sturdy, especially our wheels are very durable in use.**

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Reel Connection Trolley



SUS Trolley With ESD Tray



Stainless Steel Trolley



Stainless Steel Mesh Trolley



PCBA Pipe & Joint Trolley With ESD Trays

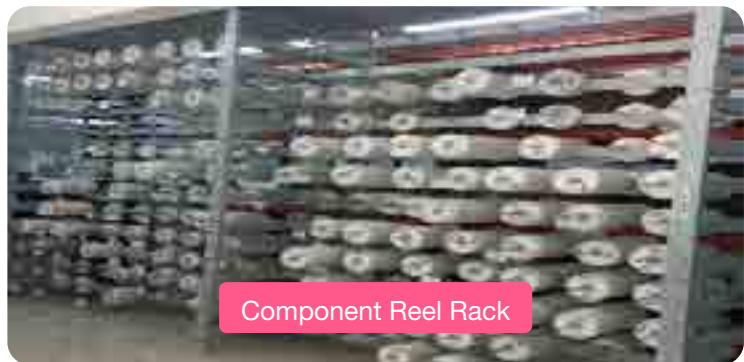
# METAL PARTS

RMG produces metal parts and components that range for SMT, Electrical & Electronics, mechanical, Automotive Industries. Our skilled and experienced staff of designers, engineers and tool makers are specially trained and take part in continuous training and education to keep up with the latest technologies and production methods.

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SUS Products



Component Reel Rack



Pallet Rack Wooden Partition



Workbench

CUSTOM SOLUTIONS FOR YOUR PARTICULAR REQUIREMENTS

# PRECISION MECHANICAL

RMG is capable of processing in large quantities, with high precision and aesthetics, meeting the strict standards of its partners with a variety of products such as jigs, jigs, machine parts...

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PRECISION MECHANICAL PARTS



**Our products are manufactured on a closed line system from research - product development, material supply, mold processing, surface treatment to production and distribution with automatic equipment and synchronous as: bending machine, CNC bending machine, punching machine, Fiber laser cutting machine, CNC non-solid steel breaking machine...**

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**SUPPORTING JIG**





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Moving / Set Up SMT Line



Reballing BGA



Solderability Test



Onsite PCBA Rework Service



Preforming components



SMT Line Troubleshooting

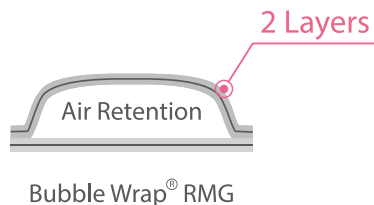
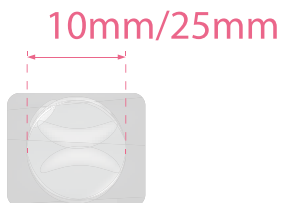


Rework BGA components

# Air Bubble

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NOTHING PROTECTS BETTER  
THAN **RMG WRAP**



- Provides better protection using less packaging material compared to paper.
- Damage Reduction to ship replacement products.

**2** Layers  
**Protect**  
Bubble Wrap® RMG

- Bubble Wrap® RMG offers many advantages over other types of cushioning, including light material easy shipping with better cushioning performance.
- The double layer are available produced by our machine. So, nylon air bubble film will be more strength.
- RMG Air bubble bag machine especially designed for packaging materials such as Non-ESD/ESD air bubble film bags.

# Air Bubble Wrap/Roll

RMG air bubble bags and Film offer superior protection for heavy, fragile products. We deliver outcomes that create outstanding value for our customers.

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Air bubble wrap / Roll
Packaging - Scratch Protection



Anti-Static Air bubble wrap / Roll
PCBA Packaging - Scratch Protection



Air bubble bag
Packaging - Scratch Protection



Anti-Static Air bubble bag
PCBA Packaging

# EPE/HD Foam (Anti - Static)

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## FOAM CUSHIONING

Protect your damage-prone products **100%**

**RMG Foam packaging solutions**

- *DON'T PACK YOUR SENSITIVE PRODUCTS WITHOUT PROPER PROTECTION.*
- *How do you keep everything safe without blowing your budget on fancy packaging solutions? **RMG Foam packaging** can help.*
- *Whether you need the ultimate protection or just enough to survive a quick shipment, **RMG Foam packaging** can keep your products safe.*

### Benefits of Foam Cushioning

- Excellent protection from shock and vibration
- Customizable
- Broad range of thicknesses, densities and models
- Lightweight

### Customized Foam Specification

Material	EPE, High Density Foam
Size	Customer drawing
Color	White, Black, Pink
ESD	Non-ESD / ESD (10E9 Ohm)

### Specific foam properties (not applicable to all)

- Moisture resistant and resilient
- Resistant to humidity
- Does not absorb any water



## EPE/HD Foam

The cushioning and protection advantage or benefit reflects in many applications and products. They are widely used for protecting or transporting fragile or expensive products. RMG foam is a supportive and cushioning solution made with a higher density than other types. We offer several choices when choosing this foam type to meet your exact needs. Several options in terms of thickness to ensure you get the one best suited to your application. Whether you need a regular thickness or a super thick option, we have you covered.

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**RMG provides various types of cushioning, designed and tailored to the customer's specific requirements**

- Foam packaging solutions should be designed based on product fragility, transportation environment and any special circumstances encountered during the packing and transportation of the product.
- Your products need protection from vibration and shocks, RMG is able to design, develop and implement a packaging solution that ensures the product can be transported safely.



EPE Foam
Shock absorption



HD Foam (Anti-static)
Packaging - Scratch/Shock Protection



EPE customized parts
Packaging - Production



HD Foam customized parts
PCB, Device Carrier/Packing

# Appendix

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## RMG CERTIFICATE

The Certification Body TUV NORD  
Vietnam assessment and certification  
decision according to ISO/IEC 17021-  
1:2015

Management system as per

ISO 9001 : 2015

**Scope:** Manufacturing of accessories for electronic components (metal parts, jig/ fixture, conveyor belts, tables, chairs, trolleys, ESD bin), providing repair services for electronic components assembly machinery, installation of automatic systems in production of electronic components, manufacturing and trading of stencil.

**Scope:** Providing repair services for electronic components assembly machinery, manufacturing and trading of stencil.



Above: QR-Code PDF Certificate



# CUSTOMERS

With meticulously processed products, fast delivery, attentive customer service, RMG has created a competitive advantage. Customers fully trust and appreciate RMG's ability in production and distribution.

**More and more customers come to RMG**, this makes us even more determined to improve quality and service even more to satisfy customers as much as possible.

[www.rmg.com.vn](http://www.rmg.com.vn)



**THINK SMT - THINK RMG**




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Hai Phong Office: Nam Phong Bui Vien intersection, Nam Hai Ward, Hai An District, Hai Phong City, Vietnam