

Company Introduction

Rim Polymers Industries Pte Ltd is now a leading company in polyurethane processing machinery. Our extensive global presence is marked by a network of more than 30 international offices and service networks, providing industry-leading customer services, while our Singapore-based R&D lab pioneers testing of new polyurethane chemical systems and the development of custom equipment solutions. Underpinning our reputation is the esteemed "GMA" brand, known for premier polyurethane equipment.

We provide customers with one-stop polyurethane solutions. Our offerings encompass high and low-pressure foaming machines, chemicals storage and premix system, hydraulic and pneumatic operated mould carriers, and beyond. These solutions cater to diverse production needs, from automotive interiors parts to polyurethane sandwich panels with continuous or discontinuous process, refrigeration units, insulated piping, gaskets, and structural components.



INDIA

- Ahmedabad
- Bangalore
- **Chennai**
- Mumbai
- **New Delhi**
- Pune

THAILAND

- **Bangkok**
- Chonburi
- Lamphun

MALAYSIA

- Johor Bahru
- **Kuala Lumpur**
- Malacca
- Penang

AUSTRALIA (MELBOURNE)

UNITED STATES OF AMERICA (SEATTLE)

BRAZIL (SAO PAULO)

MEXICO

- CEH GROUP OFFICES

- RIM POLYMERS DIVISION OFFICES

CHINA

- **Beijing**
- Ningbo
- **Shanghai**
- **Shenyang**
- Shenzhen
- **Tianjin**
- Wuxi
- Dalian
- **Xian**
- Yantai
- Hongkong

INDONESIA

- Bandung
- **Jakarta**
- Surabaya
- Cikarang

JAPAN

- Tokyo

PHILIPPINES

- Manila
- Cebu

SINGAPORE (HQ)

SOUTH KOREA (SEOUL)

VIETNAM (HO CHI MINH)



Integrated Sandwich Panel Production Solution



Rim Polymers Industries Pte Ltd

CONTINUOUS PU PANEL LINE

RIM state-of-the-art PU foaming machines deliver unmatched accuracy in mixing, dispensing, and curing polyurethane foam for continuous sandwich panel lines.

- ★ Advanced controls enable real-time monitoring and adjustments, maximizing efficiency and product consistency.
- ★ Compact, durable, and energy-efficient, our machines cater to PUR, PIR, and rock wool cores.
- ★ Elevate your panel quality with reliable, eco-friendly foaming technology—trusted by global manufacturers.



TANK GROUP

- ★ **Accurate and Consistent Temperature Management**
 - ▶ Large 500-liter jacketed day tanks for Polyol (PUR / PIR) & MDI
 - ▶ Low pressure gear pumps for continuous feeding of chemical to metering pump and also recirculation for better temperature conditioning
 - ▶ Plate type heat exchanger
 - ▶ 270-liter day tank equipped with a plate-type heat exchanger for precise temperature control
- ★ **Electronic Level Management System**
- ★ **Motorized Self-cleaning filter for minimal maintenance and effortless operation**



METERING GROUP

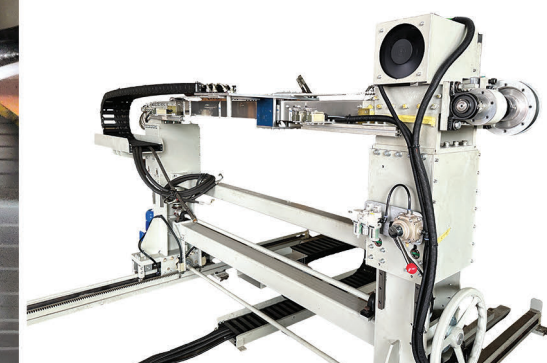
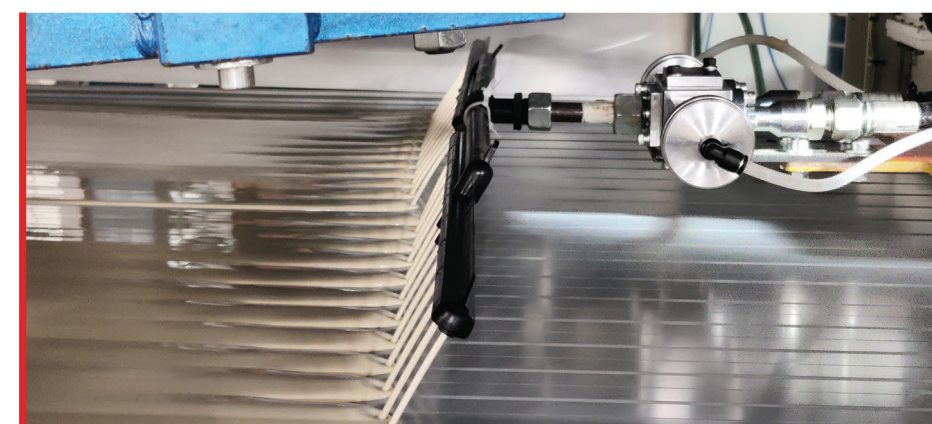


- ★ **Precise metering and monitoring system installed with magnetic coupling to reduce maintenance and enhance operational safety**
 - ▶ High pressure axial piston pumps for MDI & Polyol
 - ▶ High pressure dosing pump for catalyst and pentane
 - ▶ World renowned German brand Mass flowmeters for accurate and reliable flow measurement



- ★ **High pressure multistage premixing of all components to ensure homogeneous mixing**
 - ▶ Closed-loop controlled components like polyol, catalyst, and pentane go through multistage premixing, resulting in better foam quality.
 - ▶ High pressure nucleation of Nitrogen or Air for enhanced foam properties

MIXING HEAD GROUP



- ▶ Laminar flow of homogeneously mixed chemical
- ▶ Remote adjustment of mixing pressure
- ▶ The mix head supports both oscillation and fixed pokers
- ▶ Servo driven oscillation movement
- ▶ Motorized longitudinal movement