



# RIM POLYMER CORPORATE PROFILE

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A MEMBER OF **CEH** GROUP



# INTRODUCTION

RIM Polymer Pte Ltd, a subsidiary of CEH Group takeover the Polyurethane Business from Cannon Asia in Year 2000

Employee  
**650 +**  
Worldwide

Branch Office  
**60 +**  
Worldwide

Patented Technology  
**GMA PREMIX**

In Singapore HQ  
**Innovation Centre**  
**R & D Centre/**  
**laboratory**

Factory  
**Singapore**  
**China**

Group  
Revenue  
**100m +**



# MILESTONES

1980

Partnership with Italy's Cannon Group as "Cannon Asia" own by **CEH Group** Singapore

Cannon Asia (HQ) take charge of the Asia Pacific Region

2000

Divorced with Cannon Italy. Transfer Cannon Asia business activities to **RIM POLYMERS INDUSTRIES PTE LTD**

Second factory has been build up in China, existing branch office in Asia Pacific Region, Synergy and expand PU Business, established alliance with Gusmer Admiral based at Ohio, North America

2001

RIM Polymers is recognized by **World bank**, United Nations Development Programme(**UNDP**), United Nations Industrial Development Organization(**UNIDO**)

Patented Technology : **GMA In-Line Premix System** in Singapore, China and U.S.A Awarded many phase out F11 and 141b projects in China

2008 - 2015

Turnkey Solution for home appliances especially for **refrigerators** for worldwide customer

Turnkey Solution for Rigid Foam is success delivery (Fridge & Panel Application) Awarded Malaysia, Indonesia, India, Vietnam, Saudi Arabia, Egypt WB Projects

2021

Expansion of the R&D department, Invest **SGD 1 Million** for new innovation Center for present our latest technology

Combine with **Industry 4.0**, Implement **smart control** and **data analysis** to our high-end machine, focus on **green/carbon free** and **energy saving**, looking into **recycle** direction

PRESENT

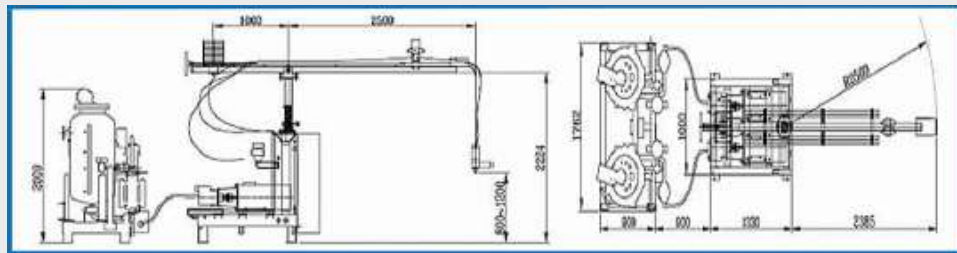
Rim Polymers has successfully achieved a great presence in Asia Pacific Region, Russia, North/Latin America and other emerging markets in past decade

Keep Moving: To be globally-a preferred Partner for Industrial Polyurethane Solutions



# HIGH PRESSURE PU MACHINES

## STANDARD DESIGN



- Dry Cycle: For checking of pouring operation without activating chemical pump
- Adjust Cycle: Allows the adjustment of pouring pressure as well as calibration of chemical ratio by pouring out individual components
- Work Cycle : It is the production cycle with synoptic display showing metering and mixing head operation
- Weekend Cycle: Schedule the machine to start and stop running automatically without pouring
- Forcing Cycle: Recommended for maintenance purpose
- Time Screen: Total of 29 pouring timers
- Setup Screen: Machine set up data with anti locking time for clean out piston to ensure no residual occurs at the clean out chamber
- Alarm Screen: Display alarm messages

# HIGH PRESSURE PU MACHINES



Practical and reliable high pressure polyurethane metering machine



Designed with special attention to precision and performance reliability



Performance Management

Track & Trace

Energy Management

Maintenance Management

Link to Dry Side System

# HIGH PRESSURE PU MACHINES



Jacketed Carbon Steel storage tank



High pressure metering pump with magnetic coupling

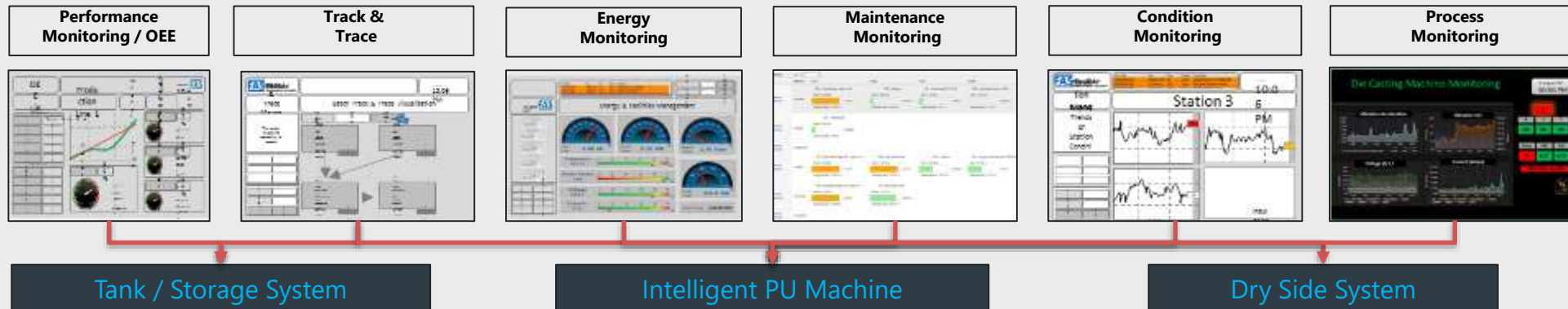


L Type high pressure Mixing head



Control Panel with HMI

Upgrading to Smart monitoring Machine System



# INNOVATION CENTRE



## Robotic arms which replaces manual operations

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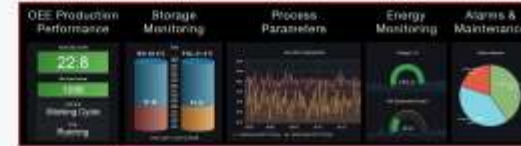
## Robotic arms head

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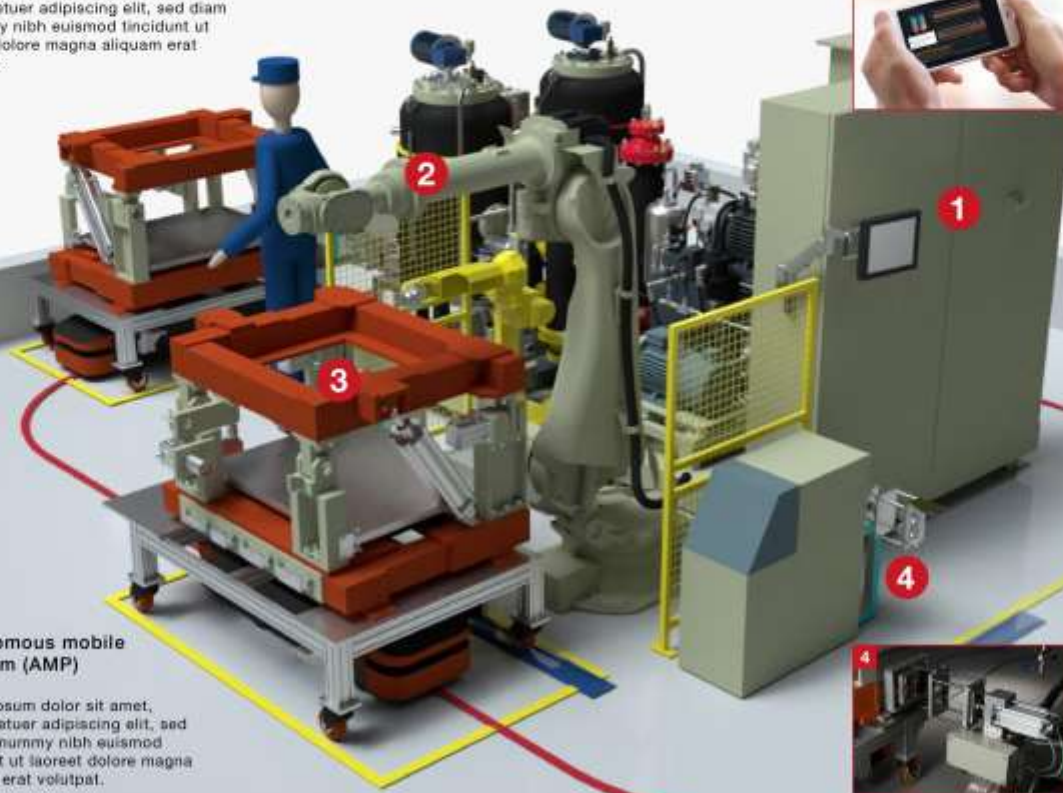
## Autonomous mobile platform (AMP)

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## i-H40 smart PU machine with digital production monitoring and Anomaly detection

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## Quick connections for water, electricity and air for flexible and continuous operation

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# WHAT WE DO

## WORLD BANK · UNDP · UNIDO

Recognized and Qualify by **World bank**,  
**United Nations Development Programme (UNDP)** and **United Nations Industrial Development Organization (UNIDO)**

Cyclopentane Turnkey Solution for Green Energy

Conversion Project to protect the O-Zone



## R&D COLLABORATION

### GREEN ENERGY

Expand R&D team, work and jointly develop with customer laboratory, chemical system house for new technology of green energy, recycle system

# MANAGEMENT



**OEI HAN TJING**

*Group Executive Vice President*

Oei Han Tjing has a BBA degree from University of Singapore. He joined CEH group since 1975, and has held various top management positions, covering sectors from Rim Polymers (PU Foaming Machine & plants);



**STEVEN HOONG**

*General Manager*

Steven Hoong has a Diploma in Electrical Engineering and a degree in Bachelor Of Science Management from University Of London. He has great passion in the Polyurethane business covering the Automotive, Appliances, Insulation Pipe and the Energy Efficiency Industries for many years.



**GUIDO HAUNER**

*Deputy GM (Technical)*

Guido Hauner holds a Degree in mechanical engineering from the University of Applied Sciences in Germany. He has 20 years of senior management experience in Germany OEM manufacturing industry. He is responsible for R&D and Operations.



# THANK YOU!

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\* Experimental data is subject to change by the real situation