

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.

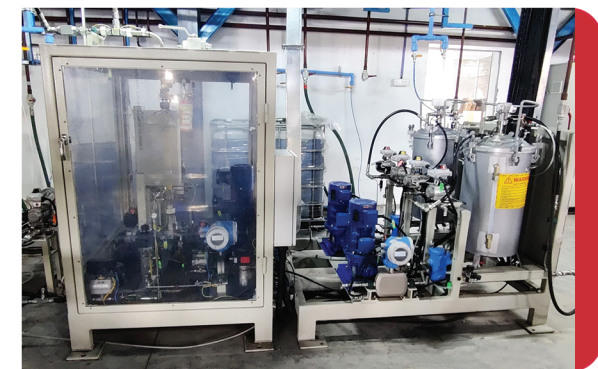


TANK GROUP

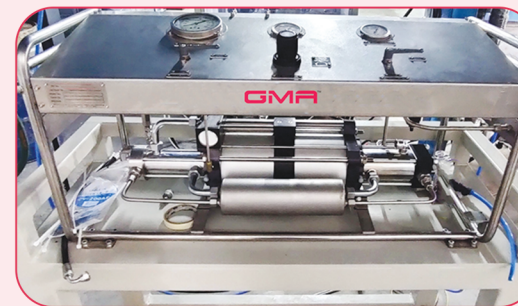
- ★ **Accurate and Consistent Temperature Management**
 - ▶ Large 500-liter jacketed day tanks for Polyol (PUR / PIR) & MDI
 - ▶ Low pressure gear pumps for continuous feeding of chemical to metering pump and also recirculation for better temperature conditioning
 - ▶ Plate type heat exchanger
 - ▶ 270-liter 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**



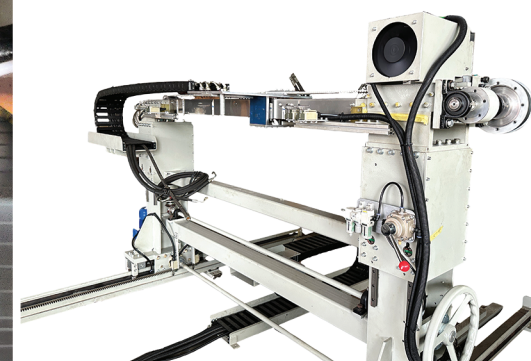
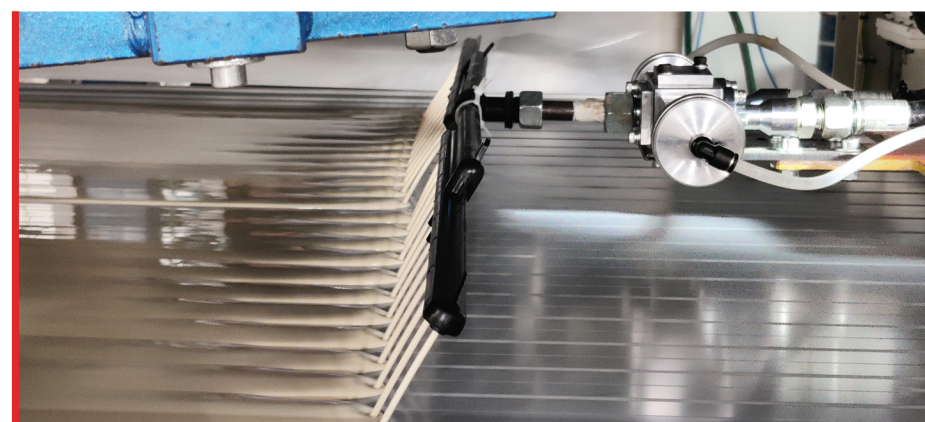
METERING GROUP



- ★ **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

