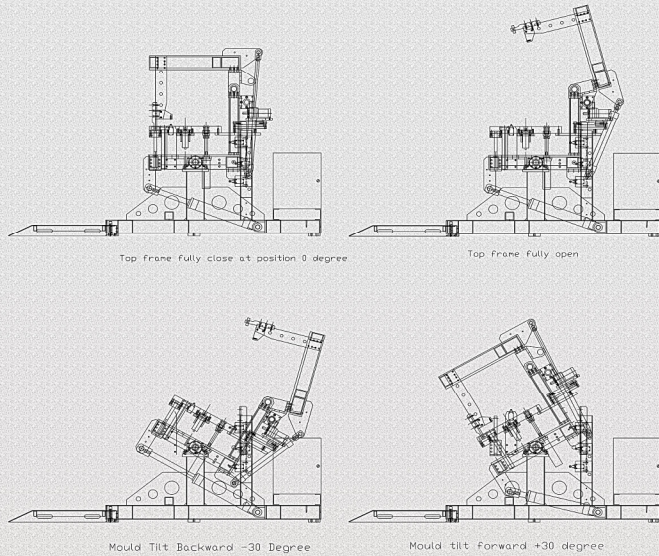
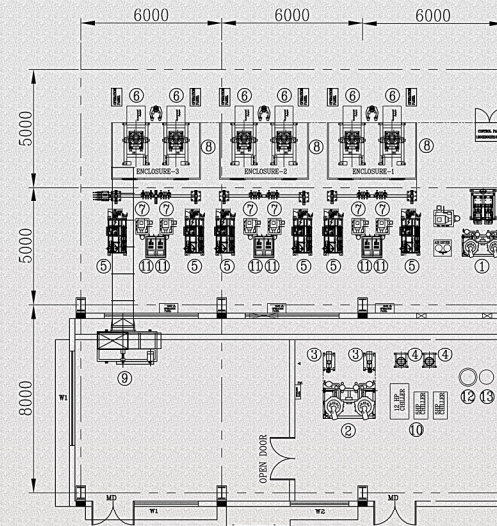


Tilting Process



Layout For Steering Wheel Plant



1	GMA - H40 Machine
2	500L Storage Tank
3	Low Pressure Gear Pump
4	Pneumatic Transfer Pump
5	GMA - CDS30 With Cylinder Pump for Steering Wheel Press
6	10T Hydraulic Mould Carriers
7	Hydraulic Units
8	Panel Enclosures
9	Ventilation System
10	Air Cooled Chillers
11	Mould Heating Unit
12	70L Tank for Mould Release Agent
13	In-Mould Coating

GMA High Pressure Foaming Machine Models

Model	Max Output	Ratio Range	Tank Capacity	Absorbed Power	Compressed Air
GMA	kg/min at ratio	POL/ISO	Litres (each)	KW	nl/per shot, 6 bar
H40	1:1 2:1 36 -	5:1 to 1:5	270	30	100



Rim Polymers Industries Pte Ltd

209 Henderson Road, #03-08 Henderson Industrial Park, Singapore 159551

Tel: (65) 6278 3288 Fax: (65) 6271 0426

Email: rim_polymers@cehgroup.com Web: www.rimpolymers.com

www.facebook.com/rimpolymers @RimPolymers

Regional Offices: China • Indonesia • India • Malaysia • South Korea • Thailand • Vietnam • CEH GROUP



PU Production for Steering Wheel Plant

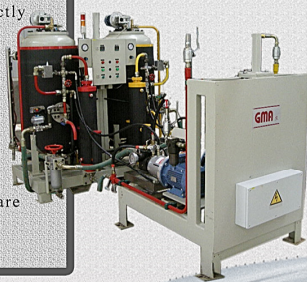
a great way to foam ..



Turn-Key Solution For Steering Wheel PU Production Plant

GMA H40 High Pressure Foaming Machine

- With multiple mix heads which are fixed directly on the automatic hydraulic presses
- Equipped with magnetic coupling fixed onto the Bosch Rexroth metering pumps, to ensure there will be no chemical leaks at pump, (i.e. zero maintenance)
- High accuracy flow meters at each component stream to ensure Iso/Pol chemical mixing ratio is achieved
- Temperature for each Isocyanate and Polyol are controlled automatically by temperature controller



Mould Heating Unit

- To provide heating to the steering wheel mould



Air Cooled Chiller

- For tank group auto temperature conditioning



Dedicated Air Dryer

- To ensure the steering wheel plant is supplied with clean and dry compressed air



GMA CDS30 Color Dosing System

- The color paste pre-blend with Polyol is feed through a double acting cylinder pump designed to give an exact metering of the small ratio at high pressure.
- 35 litre jacketed tank capacity
 - Accurate measurement, precision and consistency of pump output is achieved by a dedicated variable speed hydraulic system
 - Designed with circulation system to control blended colour pigment temperature



GMA Steering Wheel Plant

- Hydraulic Tilting Mould Carrier
- Hydraulic Power Pack for Mould Carriers
- Panel enclosure to house 2 units of Mould Carriers
- Exhaust / Ventilation system for complete plant

Note:

- Customization of mould carrier function
- Option for 2/4/6/8 mould carrier configuration
- Option for Bulk Storage System for Iso and Polyol
- Option for vacuum system
- Option for robotic mould release spray/in-mould coating

Mould Release Agent Spraying System

- 70 litre stainless steel pressurized tank with pneumatic booster pump
- Mould release spray gun

