



Greatfoam GROUP



POLYURETRANE FOAM
MANUFACTURER IN ALL PROCESSES

www.greatfoam.com

About Great Foam Group

Great Foam Group established in 1989 by Mr. Sakda and Mrs. Narachatapan Tocharoen. Great Foam Group consists of GF Manufacturing Co., Ltd (GFM) and Great Foam Products Co., Ltd (GFP). Both companies are certified by ISO9001:2015 and IATF16949:2016.

Great Foam Products Co., Ltd, locate in Chachoengsao, Thailand. GFP mainly supplies to automotive OEM Market such as Ford, Chevrolet, Toyota, Honda, etc. The strength of GFP is the well-organized production system, high capacity production line, and an experienced team in the automotive market.

GF Manufacturing Co., Ltd, locate in Samutsakorn, Thailand. GFM mainly supplies PU Foam to automotive aftermarket, furniture, construction, and healthcare industry. Moreover, GFM also produce PU Injection Machine (both for in house use and for sell), and Aluminum Molding.

▼ GREAT FOAM PRODUCTS Co.,Ltd

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 E-mail : gfp@greatfoam.com
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▼ GF.MANUFACTURING Co.,Ltd

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 E-mail : gfm@gfmanu.com



Timeline



2007

Established 2nd factory in Chachoengsao, Thailand. The new plant locates near many car manufacturers and sea ports.



2001

Join United Nations Development Program (UNDP) by exporting ~20 PU Injection Machine to developing countries such as Nigeria, Kazakhstan, and UAE in order to eliminate the use of Ozone Depletion Materials



1997

To accommodate growth in business, the company relocate to a larger facility (4x larger) at Wirunrach Lane, Samutsakorn



1989

Move to new factory at Wor Por Aor 11 and rename to Great Foam Products Co., Ltd



1987

Established as Special Foam Parts Co., Ltd in the house garage by Mr. Sakda and Mrs. Narachatapan Tocharoen

Vision

Great Foam Group's vision is

'To be a leading Thai's Polyurethane Foam manufacturer, develop products through innovation across all industries, and be a Thai Brands that is known in the international markets'

Quality Certification

Great Foam Quality Policy is 'strive to improve quality continuously for customer's satisfaction'.

Our quality is reflected in ISO9001:2015 and IATF16949:2016 certification. The certification is for both PU Manufacturing System and Manufacturing of Molds

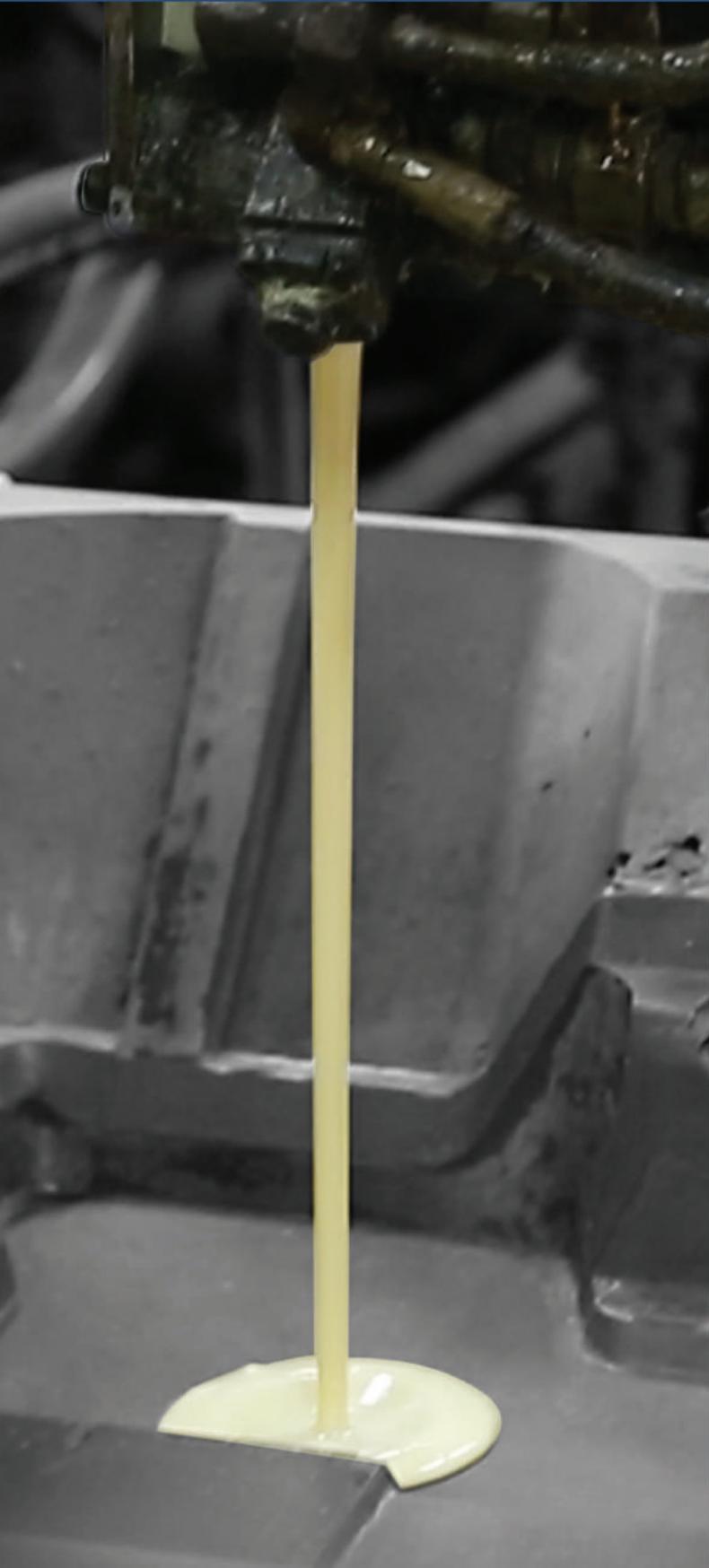


Award

- 2001, 2002
Smart SME from Ministry of Industry
- 2009
Machinery Technology Awards
- 2012-2017
GM Supplier Quality Excellence Awards
- 2013
Prime Minister's Industry Award 2013: SME

PRODUCTS

Great Foam Group offers broad range of products across all industries. Our Polyurethane Foam solution can be customized according to the customer's needs and requirements. Our products offering covers following areas:



Automotive Industry

- Seats & Cushions
 - Single Hardness
 - Dual Hardness
- Headrest
- Armrest
- Footrest
- Energy Absorption
- Front Console
- Fender
- Floor Carpet
- Bike Saddle
- Handle Bar

Furniture

- Seat & Cushion

Construction

- Insulation Rigid Foam

Healthcare

- Viscoelastic Foam (Memory Foam)
- Polyurethane Foam
- PU Gel
- Acmebell

Others

- Dental Chair
- Queuing Machine
- Wheelchair Headrest
- Partition

AUTOMOTIVE INDUSTRY



■ Seats & Cushions

- Single Hardness
- Dual Hardness



■ Headrest



■ Armrest



■ Footrest



■ Energy Absorption



■ *Front Console*



■ *Fender*



■ *Floor Carpet*



■ *Bike Saddle*



■ *Handle Bar*



FURNITURE

■ Seat & Cushion



CONSTRUCTION

■ Insulation Rigid Foam



OTHERS

■ Dental Chair



■ Wheelchair Headrest



■ Queuing Machine



■ Partition

HEALTHCARE

■ Viscoelastic Foam (Memory Foam)



■ Polyurethane Foam



■ PU Gel



■ Acmebell

Acmebell is Great Foam Group's brand in producing high quality pillows and mattresses. All Acmebell products are produced from Great Foam's own materials which features high density memory foam products that will surely give you a touch to remember!



The Paseo Park Kanchanapisek, Bangkok, Thailand



ONE STOP PROCESS FOR POLYURETHANE FOAM PRODUCTS

The core strength of Great Foam Group is with the one stop process for PU Products. We have the capabilities to manufacture the essential parts in PU Processing. This allows us to be able to control our manufacturing cost and leadtime for our customers.



■ Polyurethane Injection Machine

Great Foam Group has been producing our own PU Injection Machine since the early 1990s and we are granted a patent for the machine in 1999. Great Foam ranges of PU Machine includes Low Pressure Machine and High-Pressure Machine.

Our services also stretch out to designing of the production line, conveyor line, and other supporting machines such as Hardness Testing Machine, Vacuum machine, and crushing roller machine. Our machine is a 2 component system and can inject various types of PU Foam such as Flexible Foam, Rigid Foam, Integral Skin Foam, RIM, etc.

Specifications

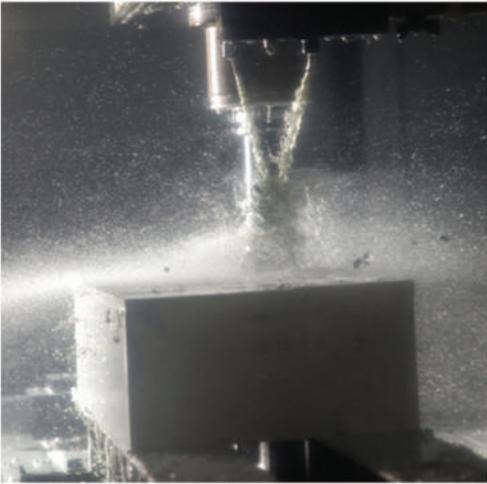
TECHNICAL SPECIFICATION

Model SDL	Ratio	Low Pressure				High Pressure			
		Output (gm/sec)		Tank Size		Output (gm/sec)		Tank Size	
		Min	Max	ISO	POLY	Min	Max	ISO	POLY
8820	1:01	30	300	40	40	50	270	40	40
	1:02	20	250			40	170		
8840	1:01	150	650	80	80	100	540	80	80
	1:02	110	500			80	400		
8860	1:01	230	100	120	120	260	1300	120	120
	1:02	170	750			160	800		
8880	1:01	300	1300	150	150				
	1:02	225	1000						
88100	1:01	380	1600	150	150	500	2500	200	200
	1:02	285	1250			380	1875		
88280	1:01	1500	4500	1000	1000				
	1:02	1000	3333						

- Operating Pressure for Low Pressure Machine : 1-8 Bar

- Operating Pressure for High Pressure Machine : 90-150 Bar

- Command and Control by PLC
- Record up to 99 injection programs – setting injection time and mixing ratio
- Production Data can be export by USB port – excel file
- Ratio adjustable between 1:1 to 1:3



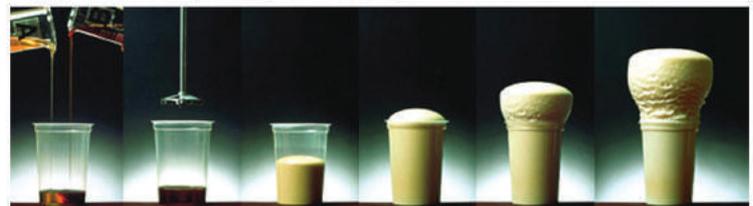
■ Tool Maker

Great Foam Group offers total solution for Molding, which includes designing, prototyping, and manufacturing. For designing, we have the abilities to verify the CAD data to check the weight and volume, design insert layout for maximum efficiency in production. Great Foam also offer prototyping solution for our customers by using Rigid PU Foam to simulate the fitting.

We have 3 CNC Machines and Aluminum die casting to support the manufacturing of the mold.

■ Chemical Blending

Because Great Foam serve customers across many industries, it is important that we have the capabilities to produce PU Foam with different properties. Great Foam has invested in our own chemical lab and a team of Chemist Engineer that can develop our own chemical formulation according to customer's requirements.



■ Insert Maker

Many of PU products requires different inserts for different purposes. Great Foam see the importance of developing and making insert materials. Therefore, we have invested in Laser Cutting Machine, and Tube Bending Machine. This helps us speed up the insert making process and reduce human error that may occur.



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