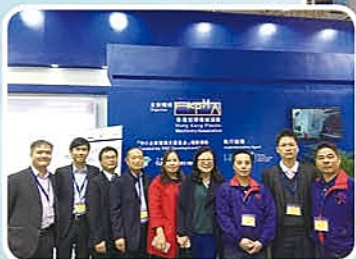


About HKPMA

Established in 1993 as a non-profit-making organization. The association representing major plastic related machine manufacturers in Hong Kong. Our objectives are to improve the industry as a whole; promote the common interest of our members; enhance the image of the industry; helping members by upgrading their levels of engineering, technical, management and marketing skills; initiate, organize and sponsor activities relating to the plastic machinery industry; helping members and plastic manufacturers by sharing the latest information on plastic products; strengthen the contacts and coordination with the government industry departments and related organizations; encourage students from engineering sector to join and devote their efforts to this field. By all means, our association is willing to maintain constant contacts with various trade organizations in Hong Kong and overseas.



Objectives

- To serve the interest and promote the image of Hong Kong's plastic machinery industry.
- To assist in upgrading engineering, technical, management and marketing skills of the Hong Kong plastic machinery industry so as to improve its performance and strengthen its competitive ability.
- To initiate, organize and sponsor activities relating to any aspect of the plastic machinery industry in Hong Kong.
- To assist in the dissemination of information concerning plastic machineries or related products to members, local manufacturers and traders.
- To establish contact or enter into arrangements with government bodies or other industrial or trade organizations in Hong Kong, conducive to the objectives of Association.
- To establish liaison, co-operation or collaboration with local and overseas organizations having objectives similar to those of the Association.

Organizer



香港塑膠機械協會
Hong Kong Plastic Machinery Association

Implementation Agent



Funded By

「中小企業發展支援基金」撥款資助
Funded by SME Development Fund



工業貿易署
Trade and Industry Department

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Any opinions, findings, conclusions or recommendations expressed in this material/event (or by members of the Project team) do not reflect the views of the Government of the Hong Kong Special Administrative Region, Trade and Industry Department or the Vetting Committee of the SME Development Fund and the Dedicated Fund on Branding, Upgrading and Domestic Sales (Organisation Support Programme).



Hong Kong Plastic
Machinery Association
香港塑膠機械協會

Plastic Machinery Industry

Hong Kong Pavilion 香港館



7-11 May 2018
SOUTH EXHIBIT HALL
BOOTH S12197

**Demonstration of Multi-material
In-mould Assembly/
Decorative Technology**

Development of Hong Kong Plastic Machinery Industry

Nowadays, there is a growing demand for multi-material products especially for high value markets such as the automotive and medical & healthcare industries. Multi-material in-mould assembly/decorative technology which combines injection moulding of multi-material parts, assembling and decoration processes to a single injection moulding system is a developing trend. The system can replace several individual machines, moulds and assembly lines that require in traditional injection moulding production processes and hence can reduce hardware and labour costs. The technology is best suited for high value markets for manufacturing multi-functional, high quality and reliable products.



Hong Kong plastic machinery manufacturers have rich experience in developing multi-material in-mould assembly/decorative technology. The first machine prototype was launched by HKPMA in 2002 with the support of the Innovation and Technology Fund. The technology was then further developed and commercialized by the Hong Kong plastic machinery industry including manufacturers of plastic processing machinery, mould and auxiliary equipment and released to the market after several years of development. Positive feedback from the market and industrial recognition such as Hong Kong Awards for Industries were received on machines/moulds adopting the multi-material in-mould assembly/decorative technology. Owing to the relatively low labour, production and running costs, the machines/system offered by Hong Kong manufacturers are more cost-effective than those offer by European and Japanese manufacturers.



Find more Hong Kong plastic machinery manufacturers, please visit:
www.hkpmasdf.com

Hong Kong Pavilion of Plastic Machinery Industry



With the support of the SME Development Fund of the Trade and Industry Department, Hong Kong Special Administrative Region Government, HKPMA conducts a 27-month project named "To promote multi-material in-mould assembly/decorative technology of Hong Kong plastic machinery manufacturers to the automotive and medical & healthcare industries".

Within the project period, three Hong Kong pavilions will be set up, one in each of the three major plastic-related exhibitions - China Dongguan International Mould, Metalworking, Plastics & Packaging Exhibition (DMP) 2016, Chinaplas 2017 and National Plastics Expo (NPE) 2018 to showcase the strengths and capabilities of Hong Kong plastic machinery manufacturers in multi-material in-mould assembly/decorative technology.

Activities Highlights

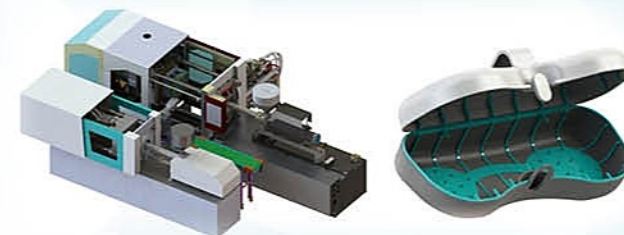
1. Business Matching Activities

Business matching activities will be organized at the discussion area of the Hong Kong Pavilion at the NPE 2018.



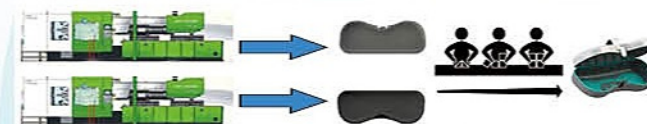
Date: 7 May 2018
Time: 11:00 – 12:00
Location: Hong Kong Pavilion of Plastic Machinery Industry (Booth#S12197)

2. Technology Demonstration



An automatic plastic demonstration line comprising injection moulding machines and moulds & auxiliary equipment produced by Hong Kong plastic machinery manufacturers will be set up at the Hong Kong Pavilion to demonstrate the application of multi-plastic material in-mould assembly/decorative technology for the automotive industry. A 3-component TPE/ABS foldable case that specially designed and tailor-made for the automotive industry will be produced by the demonstration line and distributed as samples to visitors of the exhibition.

Traditional production processes



*Each injection moulding machine can only produce a single part made up of one kind of plastic material hence require subsequent assembling to combining different parts with different plastic materials to finish a product.

Multi-material in-mould assembly/decorative technology



*Injection moulding of multi-material parts, assembling and decoration process are combined in a single injection moulding system.