



PIMA NEWSLETTER

PIMA Presidents Report March 2018

Dear Members,

Since our last newsletter we have been busy organising events for the members. Recently we again re-introduced the “*Intro to Plastics course*” to which we received a great response. We had 21 participants for the course which was better than we had expected. With the current times in Australian manufacturing, we appreciate that it is sometimes difficult to have staff away from the office so to receive the response that we did it was pleasing. Many thanks to all of those who took part with special thanks to the presenters on the day who gave up their time. We are keen to run further courses, intro to plastics, supervisors course, data sheets to name some of the courses that PIMA has delivered over the years. If you have the need to send your staff to any of the courses listed, then please reach out and we will do our best to generate the numbers required to run the courses.

The PIMA Charity Golf Day is also fast approaching being again held at Bankstown Golf Club. So get you teams together and please send in the entry forms as early as possible so we can get numbers locked in. PIMA also needs your support by way of sponsorship. It's all for a great cause with all monies raised going to charity. Golf, Dinner with a show, what a great way to either entertain your customers or reward your staff with a great evening if they are not into golf.... or both! Entry forms are available from the PIMA website.

I was fortunate enough to be invited to two ASEAN events recently held in Sydney, one on Thursday evening at the Maritime Museum and the second at Government House. During these events I was able to speak with a number of the state politicians. I get confused when talking with these people one on one as they seem to make sense in the discussions and understand the difficulties the Australian manufacturing face. But as a group, they are way off the mark and go nowhere near the real issues that we face. My concerns are very much still in the energy sector, mainly with the baseload power, we need more baseload power. Renewable energy is certainly a great idea as a supplement to the baseload, but then what happens when the wind stops, or when its dark?

I do know from media releases that last year the Tomago smelter near Newcastle has reduced its production by 3 hours to reduce the burden on the states baseload power supply. Although one story that you won't hear is recently power was cut to houses to allow the smelter to keep running as the state didn't have enough baseload power to supply homes and the smelter. These are stories that we don't hear about.

We do need to keep the pressure on our local politicians, so the point gets across.

Your committee is here to listen, so please if you have any concerns that you need raised or want to discuss, then please don't hesitate to reach out to any of the committee and we will do our best to accommodate all requests.

I look forward to seeing everyone at the 2018 PIMA Golf Day.

Kindest regards,
Grahame Aston
PIMA President



Special Article:

A long-term manufacturer closes the doors after 69 years of manufacturing:

Vale R.E. Davison Pty Ltd

After 69 years serving industry R.E. Davison Pty Ltd closed.

R.E. Davison was founded in September 1948 by Mr. Bob Davison. Bob being a toolmaker began by making his own tooling and machinery to start the company. As R.E. Davison's expanded he recruited a number of people including Alec Pennicook.

R.E. Davison was primarily a Thermoset and Composite moulder, moulding such materials as Melamine, Phenolic, Urea, Unsaturated Polyester, SMC and DMC.

In the beginning the main processes used were compression and transfer moulding systems. The range of products included electrical components, cookware handles and knobs and perfume bottle lids plus many more.

As time progressed the realisation of the potential of injection moulding thermosets was investigated and one of the first imported Meiki Thermoset Injection Moulding Machine was purchased. Further Meiki and Johns injection machines were purchased.

With these machines R.E. Davison's was able to develop different moulding processes. These included the Injection Compression process, which in the injection machine eliminated the runner and gate scar from the moulding. Also, injection process for DMC was developed in combination with Mr Ken Stacey and Brown & Dureau. Ken had taken a BIP design that was not working and in collaboration with R.E. Davison developed the material feed system, so it would work as a production system. This has since been used the basis for all DMC injection process to date.

This looking outside the box style allowed R.E. Davison to develop production process to produce parts that the experts said couldn't be done. These includes the DMC Zip hot water urn case and the Argus Technologies ray domes. In conjunction with Vulcan Plastics and Electro Platers we were the only companies in the world to successfully electro chrome plate phenolic. This process was used on Electrolux's oven and cook top knobs with millions of these put into the market place.

The metals division Gloda Manufacturing Co. Pty Ltd did some interesting and difficult deep drawing in 316 stainless steel. These included some odd shape, for deep drawing, light canopies. But with the soaring costs, cheap overseas competition and the diminishing market the Davison family made the decision to close the company.

The 22nd December 2017 was a very sad day for the employees, but I am happy to say that if not all the majority found employment before the final day.

Me? I have started Keith Monaghan Consulting Pty Ltd.

Keith Monaghan
Past General Manager
R.E. Davison Pty Ltd



Australian Government offers assistance to Australian Manufactures.

One of our PIMA member Companies Astor Industries has shared this information.

Astor Industries are working with The Advanced Manufacturing Growth Centre on new processes and projects they were fortunate enough to have Innovation and Science Chair, Mr Bill Ferris AC, launch Australia 2030: *Prosperity through Innovation (the 2030 Plan)* with the Minister for Jobs and Innovation, Senator the Hon Michaelia Cash, at Astor Industries on 30th January.

The AMGC is primarily committed to re-kick starting Australian Manufacturing and is advising the government on how to.

The link below is the press release. Some members might find it interesting.

https://industry.gov.au/Innovation-and-Science-Australia/media_centre/Pages/Innovation-and-Science-Australias-2030-Plan---media-release.aspx

PIMA would like to welcome a new member to our association:



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Contact: Gerald Frutschi

0411 645 647

Technical Sales Manager

Email: gerald@pbe-roboplas.com.au

PBE-Roboplas offers an extensive range of equipment with back-up support and servicing.

PBE-Roboplas, is a long-established family owned business associated to the plastics industry in Australia.

For over 20 years, PBE-Roboplas has not only been a supplier of equipment, but also reinforces their machine sales with on-site servicing and support. Many of their customers find this extra level of service great value when making their purchasing decisions.

While maintaining their existing agencies such as DEMAG CN and SINCO, PBE-Roboplas have recently become the exclusive agents for YIZUMI and ENMAIR brands of machinery. They are very cost efficient while maintaining high stability and reliability.

The YIZUMI injection moulding machine range covers 60-3400 tonnage machines. The range includes; 3 platen, 2 platen, high speed packaging, full electric, PVC, PET and special large shot weight machines. Energy efficiencies on hydraulic machines is achieved through the use of servo pumps and can be enhanced through the use of electric screw drives.

ENMAIR offer an extensive range of ancillary equipment such as sprue pickers, full servo robots, conveyors, mould temperature controllers, chillers, material dryers, granulators and material mixing and conveying systems.



SNCO TL750DC
With 5 Layer



For more information, call Gerald on 0411 645 647

or visit their website:

<http://www.pbe-roboplas.com.au/>

Membership drive, we will welcome any new members or past members re-joining the cause. Visit our website at www.pima.asn.au for further information or contact us direct with an email to pima@pima.asn.au to obtain information on membership. The new website is now up and running.

PIMA would like to welcome two new board members:



Troy Parker: Over 25 years' experience in plastics industry primarily in technical roles including moulding technician, machinery service, Operations and Sales management.



Anthony Prior: Currently General Manager of Wasson Engineering Plastics. 25 years in the plastics Industry including various Roles. They include Electrical Maintenance, Robotic Technician, Technical sales, Marketing and Management.



PIMA Member Special Offer:

Polymer Processing Solutions (Jim Patterson) is offering PIMA members his wealth of knowledge and experience. Please feel free to contact Jim directly if the article is of interest, Mobile 0407 669 957

E-mail: info@polymerprocessing.com.au

What PPS can do for PIMA Members

In the past PPS offered training to moulders on three main topics to assist people on the shop floor gain a better understanding of what's required for processing crystalline plastics; the topics were, *Plastic Part Design, Moulding Crystalline and Amorphous Plastics and Mould Design*. After moving to Queensland and three years training the production staff of a large (over 300 machines) Chinese packaging company, Jim as changed his offering on becoming available again on a quarterly basis in NSW.

The new offering emphasises *Process Control Training*, mostly for Managers, Shift Supervisors and Moulding Technicians; with material handling supervisors, mould maintenance supervisors and Quality Control Technicians, also involved where appropriate.

The objectives are,

- For everyone to realize that what's done in their department affects others in the other departments and to communicate with them with one objective in mind, to increase company productivity. In plastic moulding that translates to more useable parts per hour.
- To have a better understanding of their function and its effect on productivity of their department and the effect their contributions has on the success of other departments.
- To know how to achieve the most productive moulding cycle which uses the least clamp tonnage without flash and care and respect for the machine and mould being used.

The cost of which is a mere A\$80/hr with no cost of travel unless negotiated. Everything is shared, therefore all presentation slides and speakers notes; as well as moulding data records from the practical work is shared in a bound notebook for participants and their managers. They are charged at cost from Officeworks.

For more information and expressions of interest please contact Jim Patterson at PPS on: M: 0407669 957; E: info@polymerprocessing.com.au.



Up Coming PIMA Key Dates:

Plastics Pioneers:	Thursday 31 st May 2018
	Thursday 30 th August 2018
	Thursday 29 th November 2018

Events

15th PIMA Charity Golf Day

Friday 4th May 2018

Bankstown Golf Club: 70 Ashford Avenue, Milperra. NSW

Registration & Brunch: 11:00am

Shot Gun Start: 11:55am

Prize Presentation & Dinner: 6:00pm

The event will be an Ambrose tournament (teams of 4), thereby ensuring that ALL STANDARDS of golfers will be catered for and the day will be based on having fun. Teams will be playing for the Ken York Memorial Trophy & The Alex Pennicook Memorial Trophy.

Please visit the attached website for further information, to register or sponsor the event.

<http://www.pima.asn.au/events/44-15th-pima-charity-golf-day>