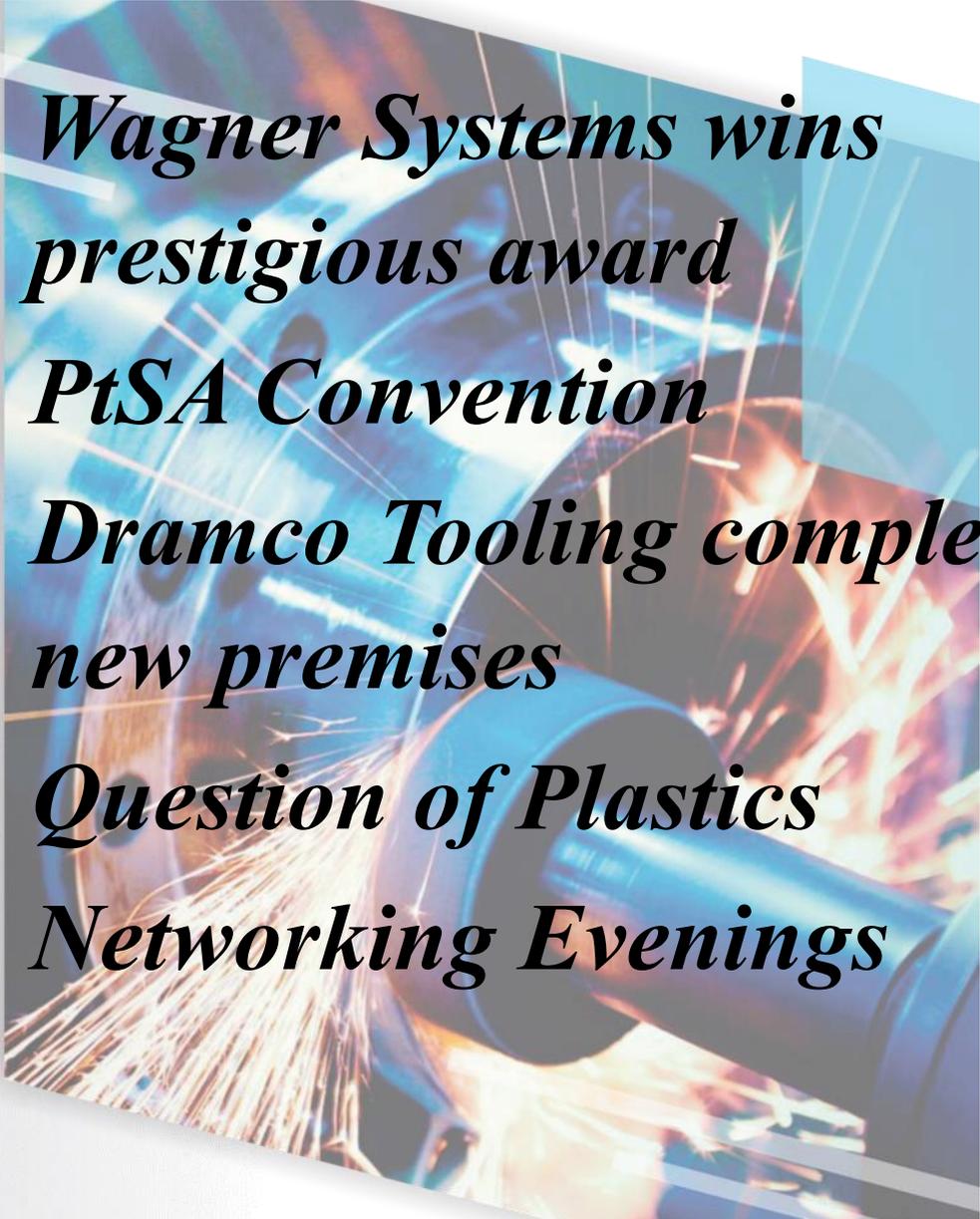


PTSA News

Newsletter of the Production Technologies Industry in
South Africa

Feb/Mar 2020 - Issue 12

- 
- *Wagner Systems wins prestigious award*
 - *PtSA Convention*
 - *Dramco Tooling completes new premises*
 - *Question of Plastics*
 - *Networking Evenings*



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John McEwan, CEO

Welcome to the first issue of our PtSA Newsletter for 2020.

We would like to take this opportunity to wish all our PtSA members, and readers, a successful and prosperous 2020.

As can be seen, we have updated the look of our Newsletter and given it a more modern name, and layout, which we hope will improve your reading experience. We welcome any comments or suggestions you may have regarding the PtSA News.

The year has not only started with a new name and layout for our PtSA Newsletter, but has also started with the news such as the Coronavirus in China, a new CEO for Eskom, load shedding and the news of the Harrismith Water Heroes restoring some basic services in the Free State town of Harrismith.

This is an example of a community getting together and fixing their problems instead of complaining about the lack of services and infrastructure. It is the story of a local farmer and a community leader deciding to do something about the situation and to restore the water supply, repair the sewerage works, remove the refuse, and restore the electricity supply. It is the story of skilled people sharing their skills with those of the community who did not have the required skills for the benefit of everyone.

In South Africa, we need to work together more for the growth of our economy and to improve all of our lives. To quote Koos Snyman from Snyman Tool and Die, a member of PtSA, "it is up to us to make it happen." Koos is a good example of an entrepreneur who has built up a good manufacturing business based on both local and international markets, and who has made use of the competitiveness improvement programmes which are available to industry, and particularly PtSA

members, in order to improve and grow his business. Koos now helps other businesses and entrepreneurs to grow their businesses. A good example of working together.

With regard to improving competitiveness, we have included an article regarding the recent Productivity Awards presented by Productivity SA, a member of PtSA, in which Wagner Systems, also a member of PtSA, won the provincial and national awards for productivity, the National Productivity Award in the Emerging Business Sector category. This is a good example of a competitiveness improvement programme being adopted by a manufacturing company to improve the profitability and sustainability of the company.

We encourage all our member companies to consider making use of the available support systems and programmes such as through Productivity SA, the benchmarking and improvement interventions through the NTIP, which is the PtSA project and implementation company, and through the partnership agreement between PtSA and the PUM Netherlands Senior Experts. Details of these programmes and how to participate can be obtained from the PtSA office.

We have also included an overview of PtSA and the benefits of membership as well as, details of the upcoming Production Technologies Association Convention, and various articles regarding activities in PtSA member companies.

The next Networking Evening taking place in Port Elizabeth, is being sponsored by Caldeaz Manufacturing Technologies, and the next Networking Evening in Gauteng is being sponsored by Momentum Corporate. We thank these organisations for this support

We trust that you will find this PtSA News interesting and helpful.

John McEwan
CEO: PtSA
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Overview of PtSA

The Association was established in 2006 as a membership based organization to promote, protect and encourage the collective interests of its members in the toolmaking and allied manufacturing industries. The Association underwent a name change in 2018, with the adoption of the mission of "promoting, protecting and supporting the collective interests of the Production Technologies Industry of South Africa."

As part of the mission, PtSA has entered into an agreement with government (the dti), called the INTSIMBI Future Production Technologies Initiative (INTSIMBI FPTI), which has developed programmes to address the needs of the industry as technologies develop.

Implementation of the programmes is through the project management and implementation company owned by PtSA, the National Technologies Implementation Platform (NTIP), which manages the various skills and enterprise development programmes on behalf of INTSIMBI FPTI for the rehabilitation and benefit of industry.

One of these programmes is the TDM Powered Skills Programme, for the training and skilling of Toolmakers, which is a well recognised and successful programme that has produced a large number of qualified artisans who are

employed in positions within industry.

In addition, through the co-operation agreement with the WerkzeugBau Akademie in Germany, benchmarking and improvement interventions have been undertaken by the NTIP in over 140 companies in South Africa to date.

PtSA has partnership agreements with a number of national and international organisations for the benefit of its members, as well as being a member of the International Special Tooling and Machining Association, which gives the members access to a number of international associations and member companies.

Details of the **benefits of membership** are included in this Newsletter.

The Association looks forward to your membership and participation in PtSA.

As recently stated by a member of PtSA, "It is up to us to make it happen" in order to grow the economy.

Let us stand together and grow our economy.

Emile Coetzee, the elected Chairman of PtSA, is the MD of Capewell Springs and Metal Pressings.

We will include a comment from Emile in our Newsletters, in which he will give an industry perspective.

The first of these comments is as follows:-

The value of the Association, the need for branding and the question of sustainability

What am I paying you for? This was my question recently to one of the associations we have belonged to for more than 20 years. Since cutting expenses is the order of the day, I'm sure that many of us are asking this question more and more. Fast forward to very recently when I was trying to set up a meeting with a Tier 1 supplier to the OEMs in Port Elizabeth. After a phone call to another association we belong to, I was immediately introduced to the MD of the company and a meeting has been confirmed with possible new business to follow. The power of association!

Now I do realise that not all associations are equal, but in my experience PTSA has been doing a stellar job. An association's strength obviously lies in the involvement of its members and therein lies the value of 'It's not what your association can do for you, but what you can do for your association'. At Capewell, we have benefitted enormously through PTSA's involvement. One recommended connection with a new supplier through PtSA has saved me a lot of headache and certainly more than a year's worth of membership fees. So, in a world where we are trying to save money, let us walk weary of 'goedkoop koop is duur koop' and not try and start saving at networking, marketing and sales.

I had a similar conversation with our Sales Supervisor recently. Shortly after joining Capewell, I wanted to know what the marketing budget was. Now it is often referred to as the 'big black hole of marketing' and although marketing budgets in our industry are often non-existent, it can be a very daunting exercise to spend money on something that guarantees no returns. As my strategic marketing consultant friend says, 'Failing to plan your marketing, is planning to fail'. But why is it that we can easily keep spending money on ad hoc maintenance, yet remain more than content with below par websites, e-mails, business cards and brochures; the very things that can help us attract new clients that can assist us with buying new machines.

I think it is time we bring sexy back to an industry that is more needed by our country than most people realize. In my previous life I was involved with a company and industry

that was much more brand orientated. We commissioned a company to re-design our logo for us. This company had a theory that no creative decisions will be made during full moon because of the effect of the moon on people's brains. Now that theory can be highly debatable, but surely, we in our industry can go from just putting something together for the sake of having something, closer to the mentioned meticulous approach. We used to hire a professional photographer to take pictures of our best products, deep etch them in an editing program and then decorate it with our branding. Somehow in our industry it seems acceptable to put some products on a table, take a pic with your cellphone and send it on to potential clients. I am therefore delighted to hear that PTSA will be assisting its members with some marketing ideas and training as well.

Lastly, I am very excited to hear about the PTSA conference around sustainable development. I looked at our vision statement recently saying 'We aim to continuously grow and improve our business, creating sustainability and value for our customers, employees and shareholders'. I truly think we are at a place where we have to not only look at current survival but more importantly, look at The Role of Production Technologies in Sustainable Development; see you at the conference! World Cup mantra #StrongerTogether is very relevant for all of us right now. Let us make this work, together!

Emile Coetzee

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Emile Coetzee

Join the best of South African

Become part of the network of companies which forms the production technologies industry in South Africa

- Participate in the benefits of membership
- Support the growth of manufacturing in South Africa
- Assist with nurturing the manufacturing industry in South Africa
- Share in the growth of manufacturing in South Africa

Membership benefits

- **Networking and matchmaking between members**
 - PtSA hosts regular Networking meetings in 4 provinces
 - PtSA has a large and comprehensive database which is available to members
 - PtSA publishes a Membership directory on the PtSA website
 - PtSA facilitates B2B (Business to Business) introductions
- **Information programmes**
 - PtSA hosts an annual Convention which includes a Conference (with presentations by National and International experts at the conference)
 - PtSA invites informative speakers for the regular Networking meetings hosted by PtSA
 - PtSA publishes and distributes a regular Industry Newsletter which gives exposure for members
 - PtSA distributes regular publications and relevant information to its members
- **Improved competitiveness of PtSA members**
 - PtSA offers an international benchmarking process to its members through its project management company (National Technology Implementation Platform [NTIP])
 - PtSA facilitates the implementation of productivity improvement programmes in member companies
- **Training and upskilling programmes for members and employees facilitated by PtSA**
 - Artisan training undertaken by the PtSA project management company (NTIP)
 - Management / supervisory training
 - Marketing training
 - Technical training

- PtSA promotes sustainable development within the industry to ensure long term growth of the industry
 - PtSA facilitates opportunities for members to have access to information, training, workshops, etc. on sustainable development
- PtSA facilitates international connections for its members through the PtSA membership of the International Special Tooling and Machining Association (ISTMA World)
 - Access to over 21 Associations in 20 countries/8000 member companies
 - PtSA arranges attendance at International Conferences organised by ITSMA
 - Trade delegations organised by PtSA
- Members have the opportunity to participate in the interaction processes with government and authorities regarding the development of the industry
 - PtSA has a partnership agreement with government in the INTSIMBI Future Production Technologies Initiative
 - PtSA has direct contact with officials in the dti
 - PtSA has partnerships with other Industry Associations to form a larger lobby grouping
- Discounts for members for events and services

Who is eligible for Membership?

Membership of PtSA is open to any company or organisation involved in the production technologies industry in South Africa

- as manufacturers,
- as suppliers,
- as support

Definition of production technologies

Production technologies provides the means that enables the manufacturing of all manufactured goods.

Typical manufacturing technologies include:-

- Dies for metal pressing, stamping, punching and forming
- Injection and compression moulds
- Jigs and fixtures
- Assembly systems and robotics
- Gauging and measuring systems
- Precision components

PRODUCTION TECHNOLOGIES CONVENTION 2020

The annual meeting of the Production Technologies Association of South Africa

This 3 day event encompasses

- *ISTMA General Assembly*
- *PtSA National & Regional General Assemblies*
- *A 2 day conference “Production Technologies and Sustainable Development”*
- *Factory visits*
- *A comprehensive social calendar for Delegates and Partners*

The conference will address issues to ensure the pathway to the future through the promotion of sustainable development

08-10 September 2020 - CTICC, Cape Town South Africa



www.sbs.co.za/PTC2020



www.ptsa.co.za

African Advanced Manufacturing & Composites Show 2019

PtSA recently participated in the African Advanced Manufacturing and Composites Show which was held in Port Elizabeth.

This annual show consisted of various workshops, seminars and presentations, a trade show, and the National Advanced Manufacturing Awards Ceremony.

PtSA conducted a lucky draw at their stand where visitors could enter their names to win prizes donated by MECO Engineering and Injection Technik. We thank these sponsors for this support. The actual draw will take place at the Networking Evening taking in Port Elizabeth on 20 February 2020.



Bel Robertson (PtSA) discussing with Mariolize Barnard (Caldeaz) at the PtSA stand



An aerial view of the African Advanced Manufacturing & Composites Show 2019



Extract from the Future Production Technologies Convention 2019

The Fourth Industrial Revolution (Industry 4.0) will herald the transformation of entire systems of production, management and governance



As was indicated in our previous Newsletters, we bring you another extract from the presentations given at the successful 4IR Convention which was hosted by PtSA in 2019.

The concluding presentation at the Convention was given by Jeffrey Dinham, an economist with Econometrix (Pty) Ltd, the leading independent economic consultancy

in South Africa. Econometrix provides economic research that focuses on macro-economic trend analysis and in-depth economic forecasts.

The following 6 slides give a very top-line overview of some of the effects of 4IR according to Jeffrey and what we, as South Africans, need to focus on.



Industrial Revolutions

At their core, the industrial 'revolutions' bring improvements in:

- 1 Worker productivity and efficiency
- 2 Market coordination and expansion

Resources allocated optimally
Efficiency increases are 'always' beneficial → Larger scales of production
Benefit to consumers

Industry 4.0

How does it fit in

Industry 4.0 does not have a defined boundary

"The next envisioned step in the Industrial Revolution, based on the potential of best future technology"

Industry 4.0 Concerns

- Gains unlikely to be distributed equally.
- Across income levels AND across countries

Branko Milanovic, Alvaro et al

What is needed to bring Industry 4.0 to bear

- Capital investment
- Private and public capital alignment
- Belief in a theoretical benefit
- Long term profitability horizon
- Legislative flexibility
- Skilled labour
- Acceptance of job losses
- Shift in consumer mentality

South African context

Too many domestic rigidities

- ✗ Job losses politically unacceptable
- ✗ Union strength, antagonism and tacit support
- ✗ Tiny middle class
- ✗ Policy environment is unlikely to change
- ✗ Infrastructure base
- ✗ Safety of capital
- ✗ Labour productivity

Africa is a very long way off from Industry 4.0.
Much of Africa is struggling to fully realise Industry 2.0

South African context

We should focus on our advantages

Industry 4.0 is great, but the world and Africa still needs affordable competitive goods

- The best manufacturing foundation on the African continent
- Proven record of innovation
- Easy access to the market
- Access to energy and raw materials
- We can produce the type of goods Africa demands
- In many cases, people are still cheaper and easier than machines
- There is a lot of low hanging fruit in Africa and even in our own country re extraction industry support

But, we have to focus on getting efficiency and productivity = competitiveness right

The full presentation (slides and video clips) is available to our members (please contact the PtSA office)

Polyoak employees graduates from TDM Programme

Polyoak Mould Services, a division of Polyoak Packaging and a member of PtSA, has employed 5 graduates from the TDM Powered Artisan Programme, managed by the NTIP.

According to Chris Conradie, Polyoak Mould Services Executive, these graduates already had a high level of skill and a good work ethic when they started work at Polyoak Mould Services, which has assisted with the ramp-up of output, particularly with the installation of new 5-axis DMG MORI machines by the division. .

According to Hans-Peter Neth, Executive Chairman of Retecon, a member of PtSA, the local agents for DMG MORI, these machines allow 5-axis simultaneous machining and 5 micron accuracy. These 3rd generation machines have established themselves as compact and efficient all rounders. Retecon congratulates Polyoak on their decision to install the technology to ensure that the Mould Services Division remains competitive against imported moulds.

As indicated by Chris, the 5-axis technology has improved the manufacturing capability of the company, with reduced mould manufacturing time and improved quality.

The original planning for the upgrading of the toolroom was started by Paul de Villiers, the retired Mould Services Executive. To honour the work done by Paul, Chris has mounted a plaque on the wall of the Toolroom with one of Paul's well known sayings as shown in the photo below. **This statement by Paul reinforces the importance of tooling in manufacturing processes.**

This statement by Paul reinforces the definition of Production Technologies : **“the means that enables the manufacturing of all manufactured goods.”**

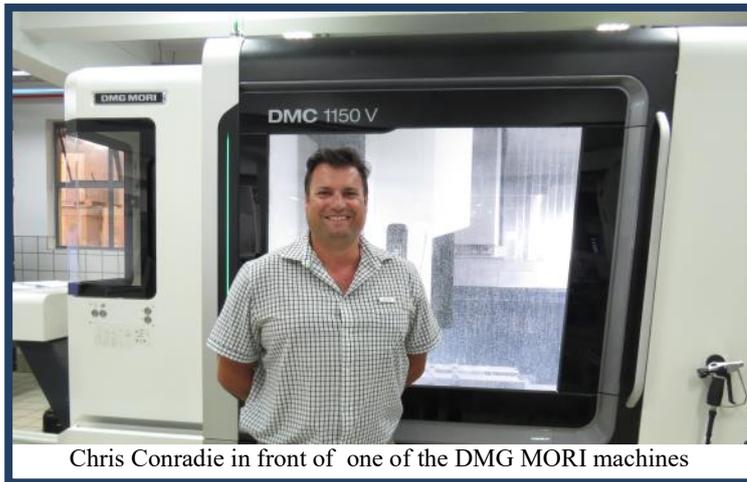
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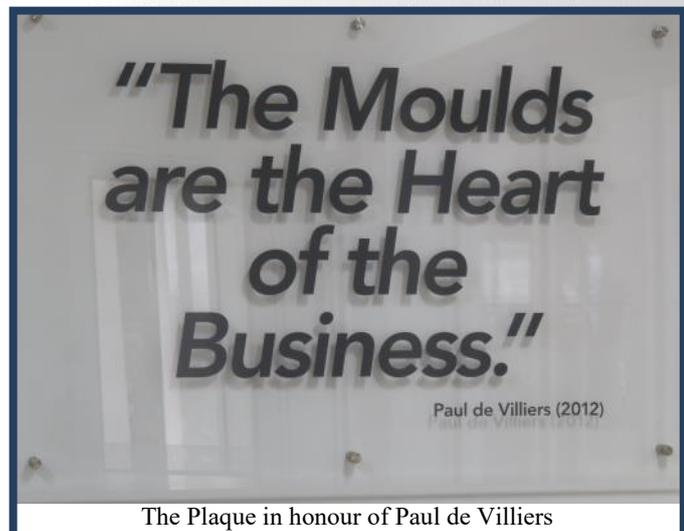
Web: www.retecon.co.za



Chris Conradie in front of one of the DMG MORI machines



The graduates from the TDM Powered Programme from left: Sulaiman Allie, Siphwe Mgwarrubana, Damiane Cramford, Charles Tyers and Chad Rolleston



The Plaque in honour of Paul de Villiers

National Productivity Awards

Productivity SA, a member of PtSA, conducts an annual productivity awards process to “recognize individuals, organisations and communities for their contributions to building South Africa’s productive capacity”.

Productivity SA focusses on developing productive capacity and how well we employ our available resources to stimulate economic growth and reduce poverty. PtSA encourages all its members to make use of opportunities such as offered by Productivity SA, to assist in improving the competitiveness of their businesses and ultimately contributing to the growth of our economy as a whole. The Productivity Awards is a good measure of the improvements which are made and we encourage members to consider participation in the Awards process.

One of the winners of the 2019 Productivity Awards is Wagner Systems, also a PtSA member, who won the National Productivity Award in the Emerging Business Sector category

Lasni Millar, MD, Wagner Systems: **“The aim of the competition is to recognise South African companies that represent the highest qualities and attributes of productivity, and reward their efforts to improve efficiency, competitiveness and sustainability. We feel honored having received this significant acknowledgement, especially as it**

gives recognition to our hard work and dedication to improve productivity and the efficiency of our business.

The company embarked on a productivity improvement initiative in 2016, with Productivity SA becoming involved a year later. The objective was to advance Wagner Systems competitiveness profitability and sustainability. The programme extended across all segments of the business with the aim to increase efficiency of production and enhance the utilisation of resources by, amongst other, minimising wastage. In practical terms this meant the improvement of manufacturing processes and the reduction of variables to increase production output, still using the same workforce and equipment.

I have no doubt that the successful outcome of the programme has placed Wagner Systems in a favourable position when it comes to proficiency and output. It especially makes a difference where it matters most - with our customers. With improved operational efficiency and increased production capacity, we’re now able to respond to customer orders and requirements with enhanced flexibility, and delivered within shorter lead times - competitive benefits that favour the end-user.”



(From left) Albert Brink (Productivity SA), from Wagner Systems Wilma Harmse, Alex van Rooyen, Nizaam Manuel and Giuseppe Geldenhuys

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Tribute to Simon Ledgerwood

We were saddened by the recent passing of Simon Ledgerwood, a well known figure in the automotive manufacturing industry in Cape Town .

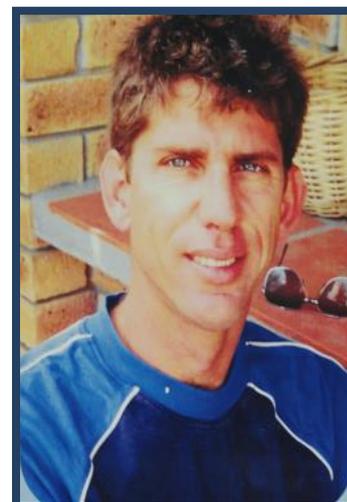
Simon was the owner of Precision Press which was situated in Sacks Circle in the Belville area of Cape Town, before selling the business to GUD Holdings. He remained with the company for a period after the sale to ensure a smooth transition to the new owners,

Prior to owning Precision Press he was very involved in the manufacture of crankshafts for Diesel engines.

He was a very focused person who lived his life based on the principles of “doing the right thing”, which he applied in both his personal life as well as his business life.

He and his wife Natalie devoted a large part of their time to ensuring that their children, Hannah and Shaun, could participate in their respective activities of horse-riding and moto-cross.

On behalf of our members in the manufacturing industry, we offer our condolences to his family and wish them every strength for the future.



Dramco Tooling shows faith in the future

Dramco Tooling, a member of PtSA, recently completed the construction of their new premises in Blackheath Industria in Cape Town.

According to Kevin Dramat, Managing Member of Dramco Tooling, these new purpose built premises have allowed the company to streamline their toolroom facilities, and their production processes and to improve their efficiencies and competitiveness.

The construction of the premises, on an industrial site previously purchased by the company, was completed in 3 phases which allowed the relocation of the machines and equipment from their previously rented Premises, without seriously disrupting the output of the company.

Kevin founded the company over 30 years ago, working from his garage at home, and has built the company into a well known business, focusing on the design and manufacture of injection moulding and metal press tooling, and on injection

moulding and metal pressing production. The relocation of the company into their own premises is the fulfilment of the vision that Kevin had for the business those many years ago. He says that he has full confidence in the future of the manufacturing industry, as long as we all strive towards improving our competitiveness, and this relocation into the purpose built premises, which the company owns, is a great step forward for Dramco.

The team at Dramco, which includes Kevin's brother Lionel, is a well trained competent team. Kevin and his management team have completed the Senior Management Development Programme at USB, and the company has undergone the Enterprise Development Programmes under the guidance of the NTIP and WerkzeugBau Akademie from Germany. They have also employed a number of graduates from the TDM Powered Artisan Programme.

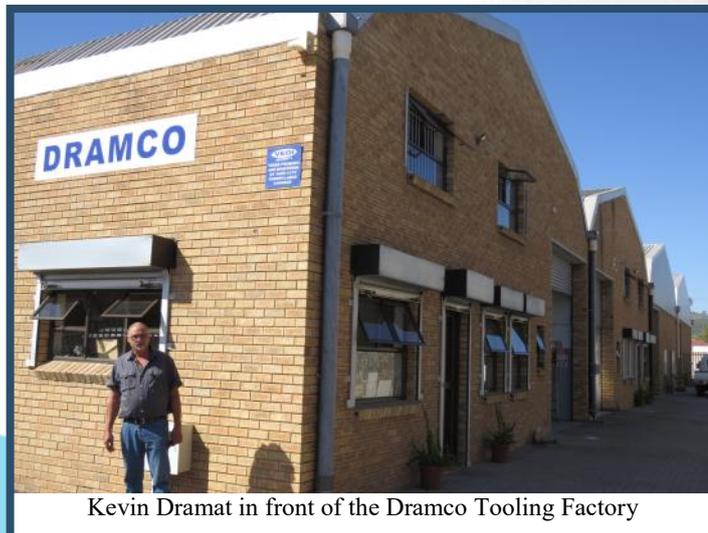
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View of injection moulding production area



View of well equipped toolroom at Dramco



Kevin Dramat in front of the Dramco Tooling Factory

Jendamark Automation visits Western Cape Companies

As part of the drive to identify possible suppliers for their manufacturing processes, Jendamark Automation, a PtSA member, recently visited companies in the WC to assess their capabilities and capacities.

During this visit, Marinus van Rooyen, Manufacturing and Assembly Manager for Jendamark Automation, also gave a presentation to the guests at the WC Networking Evening regarding the activities of Jendamark and the technologies being developed by the company.

This is a good example of the networking and matchmaking activities which are taking place between companies and regions for the benefit of the industry.

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Fanie Becker and Marinus van Rooyen (Jendamark) discussing with Deon Bower (Spectra-Mapal) at the WC Networking Evening

African Pressing Experts Manufactures for the Film Industry

African Pressing Experts (APE), a member of PtSA, has started manufacturing systems and components for the vibrant local film industry.

Operating from their premises in Parow, Cape Town, they have manufactured and fitted systems for mounting camera and sound equipment onto vehicles for use during film shoots. This has required the designing of the systems from scratch or manufacturing systems based on existing designs.

According to Russel Bresendale, Managing Partner, the wide experience base of the company is ideal for this type of work which includes design, fabrication, precision machining and assembly.

The company also undertakes the machining of components in titanium for the film industry.

Employee skills are vitally important for the long term success of the company and thus training and upskilling interventions are an ongoing process in the company, which includes the

TDM Powered Master Artisan Programme. Brent Lemore, the toolmaker featured in the photograph, is currently undergoing the Master Artisan Programme through the NTIP and says that this programme is assisting with the upskilling of artisans in industry to international standards.

As indicated by Clive Barnes, Managing Partner, the improvement of skills and the growth of the SMME sector is vital for the economy and the youth of South Africa. He says that the SMME sector can play a vital role in alleviating unemployment in the country.

Both Russel and Clive are positive regarding the outlook for 2020.

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Brent Lemore with one of the Camera stands manufactured by APE



Following on from the article, with the same name, which appeared in our October/November edition of our Newsletter, we bring you some facts, figures and extracts from the “National Plastics Recycling Survey 2018” which was published in July 2019 by Plastics SA.

According to this survey the following are some facts regarding plastic consumption and recycling in South Africa:-

- In 2018, South Africa converted 1,876,250 tons of polymer into plastic products
 - This was an increase of 4,9% from 2017
 - This tonnage of polymers used was made up of:-
 - ↳ Locally produced polymers
 - ↳ Imported polymers
 - ↳ Recycled polymers (18% of total usage)
 - Plastics recycling sustained 7892 formal jobs in 2018 in recycling factories
 - It is estimated that 58,400 people received an income through the supply chain which included “waste pickers”.
 - It is estimated that R2,267m was injected into the economy, at primary source level through recycling .
 - Of the 1,876,249 tons of polymer converted to plastic products,-
 - ↳ 40% is in durable applications which is unlikely to be recycled within 20 years
 - ↳ Of the balance of plastic products, 520,000 tons or 46%, is recovered
- ↓
- (After other processing losses and exports,
352,000 tons is available as raw materials in
South Africa)
- 34% of the population of South Africa have no access to waste management services

As stated in the survey, not one of the 7,5 billion people on the planet could live a normal life without plastics, regardless of whether they are conscious of this or not. Plastics is an essential part of our lives.

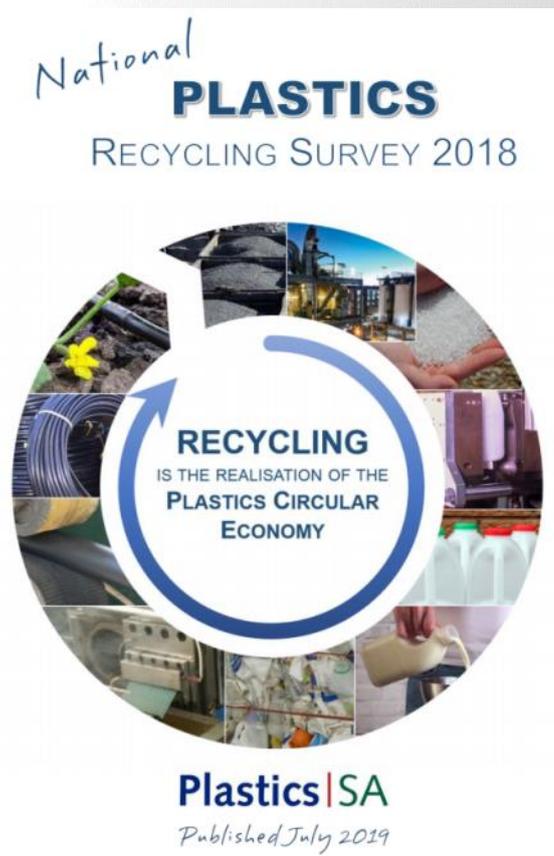
The survey recommends the following actions to improve the circular economy of plastics:-

1. Implement improved infrastructure and waste management processes to handle recycled and non-recyclable waste, so that the 34% of citizens who currently do not have access to waste management services can participate.

2. Reduction of contaminants in the incoming waste stream. Brand owners, retailers and product designers need to be aware of non-recyclable products in their product ranges such as multi-layer or multi-material products, too much printing ink, or the wrong combinations of closures and bottles.
3. Solutions need to be found for materials which are difficult to recycle, such as the manufacturing of composites like cement aggregate, paving bricks or generating energy.
4. Education and engagement of government, businesses and committees to mobilise action
5. Clean-up of concentrated areas of plastic already in the environment, such as rivers and storm water systems which carry plastic waste to sea.

PtSA fully endorses the recommendations of the survey and will continue to advocate that plastic products are vital for our society but that plastic waste is an environmental disaster that can be fixed by working together and finding solutions, which include education.

The Production Technologies Convention 2020 will focus on production technologies and sustainable development



The following article was written by Chris Greenwood - MD, College of Production Technology (CPT), a member of PtSA.

In this day and age of industrial development, and the introduction of the 4th Industrial Revolution all over the world, we are fast realising that one of the most effective ways of winning the battle against high production costs and low productivity is to make sure that things are done "right-first-time". To look for defects on finished products and rectify them (if possible) long after they have occurred simply does not make economic sense.

Some thirty years ago, Dr Feigenbaum addressed industrialists in the United States in these words:

"We have been spending our quality dollars the wrong way: a fortune down the drain because of product failures (internal repairs and external warranties). Another large sum to support a sort-the-bad-from-the-good situation. Comparatively nothing for the true defect prevention technology that can do something about reversing the vicious cycle of higher quality costs and less reliable product quality "

Dr Feigenbaum was not the only person to sound this warning. There have been many others. In the 1920's Dr Walter Shewhart had already introduced the concept of statistical control in manufacturing processes to prevent the occurrence of defects. The work that Joseph Juran and Edward Deming did in Japan is now legend. More recently Philip Crosby showed how Quality Management could be one of the major economical assets of the I.T.T. Corporation. The list of successes is far too long to receive more than scant attention here.

The activity of Inspection is common to most industries and goes back a long way. Management has never seen it as anything other than a necessary evil; which in fact it is. Inspection is a "post-mortem" procedure which can only identify defects after they have occurred. It is, and ever will

be, part of a Quality Control system. But it is the negative aspect of Quality Control. There are many other things which can be done to prevent defects in a positive and economical way. This is what the modern concept of Quality Control (or Quality Assurance as it is more fashion-ably known) is all about.

Quality Assurance is a company-wide business. As such it becomes a challenge to Management. It has been conclusively shown that more than 80% of so-called "shop floor" problems are "management-controllable" and less than 20% "operator-controllable". Defects are symptoms more frequently observed on the "shop floor" and during use than anywhere else, but their root cause is a lack of control which normally occurs at a much earlier stage.

If management can face this challenge fairly and squarely and employ the abundant technological skills specially developed to cope with this situation, Quality Assurance becomes a vital and very profitable function of the Company. It is certainly not the somewhat questionable "window dressing" exercise which, unfortunately, some managers understand it to be.

At the College of Production Technology (CPT), we offer Quality Assurance training as a Registered Skills Programme or as a Workshop.



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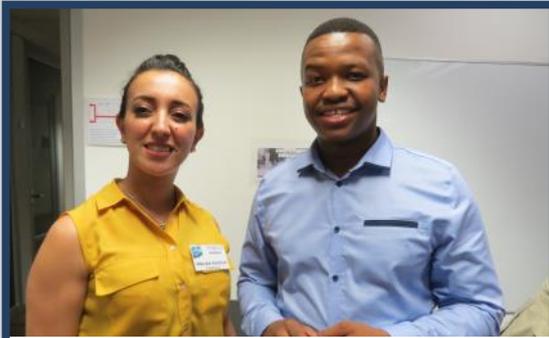
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Chris Greenwood at the November WC Networking Evening

Networking Evenings EC, Gauteng, and WC



Malika Khodja (Tiziritech) with Kenneth Kelem (Inspiril Marketing) at the Gauteng Networking Evening



Abraham Heystek (Victor Fortune) received Membership Certificate at EC Networking Evening



Steve Gatenby (Atlantis Foundries) & Elaine Wright (Momentum Corporate - sponsors of the evening) at the WC Networking Evening



Bob Williamson (PtSA), Sisa Njikelana (PtSA Patron) & Mike Gwebu (NTIP) at the Gauteng Networking Evening



Boniswa Qege (Top Gun) with David & Melanie Lucas (Trak It) at EC Networking Evening



Zaheer Hendricks & Joeferry Tugwete of WESGRO at WC Networking Evening



Roscher van Tonder (AMTC) Andile Gwebu (Mani Industries) at the Gauteng Networking Evening



Marco Ferreira (MECO Engineering), Marinus van Rooyen (Jendamark), William Hayward (Hayco) & Theo van Rooyen (NTIP) at EC Networking Evening



Trevor Bodington (T-Junction Engineering) & Kevin Dramat (Dramco Tooling) at the WC Networking Evening



Toni da Mota (NTIP) & Guy Crosse (Suremill Engineering) at Gauteng Networking Evening



Gustav Meyer (CDC), Stephan Aucamp (Injection Technik), Bronwyn Daniels (ECTI), Manfred Kusterer (TK Manufacturing) & Bob Williamson at the EC Networking Evening



Stephan Aucamp (Injection Technik) received Membership Certificate at EC Networking Evening

Are your employees protected against the lifestyle related costs associated with cancer?

Cancer is statistically the fastest-growing critical illness in South Africa with a projected increase of 78% by 2030 according to the article “The future cost of cancer in South Africa: An interdisciplinary cost management strategy” published in the South African Medical Journal in October 2016. This trend is also visible based on Momentum Corporate’s claims statistics indicating that overall cancer claims have increased by 48% since 2012 and representing 15% of all disability benefit claims in 2018.

Furthermore, 21% of Momentum Corporate’s claims were paid to employees below the age of 40, who belong to group insurance schemes. This indicates that overall there is a rise in the proportion of cancer claims relating to younger members. This is an alarming statistic considering, based on additional research and analytics by Momentum Corporate, that Millennials’ representation in the workplace has grown over the past five years from 39% to 52% while Generation Z is expected to make up 24% of the workforce by 2020. This indicates that employers and their employees face a significant challenge when it comes to workforce incapacity due to cancer related incidents.

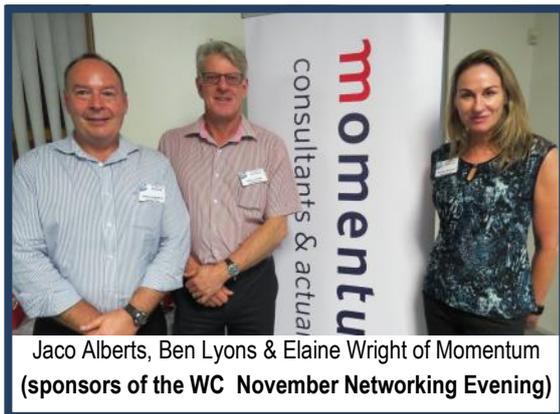
To make matters worse, the costs associated with treatment for this non-discriminatory disease continue to rise. This is according to the same research published in the South African Medical journal in October 2016, which estimates the typical medical costs for cancer treatment to be as high as R1 million.

Over and above these medical costs which are normally covered to some extent by the member’s medical aid, there are also often many non-medical related or lifestyle expenses associated with cancer. These additional expenses add up very quickly and can cause significant financial vulnerability at a time when patients need to focus their energy on recovering.

By employers including such a top-up critical illness benefit in their employee benefits offering, their employees will be able to cover their lifestyle related expenses caused by cancer irrespective of if they are still able to work or not and irrespective of the level of medical aid cover they have.

Nashalin Portrag

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corporate

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Upcoming Events

PtSA EC Networking

20 February 2020

21 May 2020

13 August 2020

12 November 2020

PtSA WC Networking

12 March 2020

9 July 2020

19 November 2020

PtSA Gauteng Networking

19 March 2020

23 July 2020

22 October 2020

PtSA KZN Networking

22-23 April 2020

19-20 August 2020