

PtSA News

Newsletter of the Production Technologies Association of South Africa

Issue 21— July / August 2022

Special Tooling & Machining World Conference and Exhibition moves to South Africa



The International Special Tooling and Machining Association (ISTMA), the world's largest representative body for global tooling manufacturing has announced that it is moving its triennial World Conference and General Assembly from China to South Africa.

Representatives from 22 countries will gather in Cape Town in September 2023 for the 16th ISTMA World Conference. Tooling is the key constituent in the manufacture of products. The International Association's World Conference, General Assembly and constituent meetings of regional groupings ISTMA Europe, Americas, Africa and Asia will coincide with the All Africa Expo and the event will collectively be known as All Africa Exhibition ISTMA 2023. **PtSA, the industry representative body for the tooling manufacturing industry in SA and currently the only African member association of ISTMA World, will host the event.**

The ISTMA World Conference will take place at the **Cape Town International Convention Centre from 18 to 22 September 2023**. The President of ISTMA World, Bob Williamson, said this follows a unanimous decision by ISTMA World to move the Association's 16th World Conference, originally scheduled to take place in Shanghai, China in 2023, to Cape Town due to COVID-19 restrictions in China. The decision was made at an ISTMA General Assembly meeting attended by 14 member countries in Stuttgart Germany in May this year. Bob says the decision was supported by the China Die & Mould Industry Association (CDMIA). CDMIA will now host the 17th ISTMA World Conference in Shanghai in June 2026. He welcomed the decision and said it created a win-win solution for ISTMA and both China and South Africa.

According to Bob, the **All Africa Exhibition ISTMA 2023 will focus on sustainable developmental approaches and ways to optimise technical and skills development in manufacturing. The event will offer significant benefits to manufacturing in Africa as the local tooling manufacturing industries will be exposed to the latest global manufacturing technology, the world's leading tooling houses and the most influential people in the industry.**

ISTMA World is a non-commercial international association serving as a global platform for cooperation and knowledge sharing between 23 member associations in 22 countries in the tooling and machining industry. Collectively, ISTMA member associations represent more than 8 000 companies with a collective annual turnover in excess of 120 billion US dollars.

Showcase your Products & Services to the world

ALL AFRICA EXHIBITION will serve as the prime showcase for tooling manufacturing in Africa. It is expected to draw exhibitors and visitors from at least ten countries across the African continent.

The Exhibition will feature country pavilions and exhibitions. A comprehensive display by African production technology companies will highlight manufacturing pockets of excellence on the continent.

High-end African machine tool products for the automotive, drone manufacturing and packaging industries worldwide will be put under the spotlight.

The Exhibition will also host an African Investment Indaba Conference aimed at sensitising potential investors about African investment opportunities and soliciting support and investment for the growth of manufacturing on the continent.

Proudly presented by PtSA and ISTMA World in association with SBS Conferences & Exhibitions
Contact Information: +27 (0)71 348 1780 / info@sbs.co.za



The PtSA family I greet you,

I hope you were able to run the last shift without any power disruptions, be it planned load shedding or unplanned outages.

We hope that as industry recovers from the COVID-19 induced disruptions, the improving electricity supply situation is sustained.

We are encouraged by the signs of recovery as we visit our members, with a reasonable number of companies having full order books.

A number of our members have increased their export earnings with some venturing into new initiatives like assembly systems for lithium-ion batteries.

There is debate on how the country and our members should join the bandwagon of Electrical Vehicles production, we are monitoring this space and will continue to provide valuable information for our members.

Our KZN Centre of Excellence in Pietermaritzburg is now fully operational with all activities under one roof, plans are underway to establish a trade test centre.

We received a new intake early July 2022 across all our four centres. Another intake is expected in March 2023 and we encourage our members to develop relationships with their nearest Regional Centre of Excellence.

PtSA runs a very effective enterprise competitiveness development programmes with two components – benchmarking and an intervention programme to address issues that would have been identified during intervention.

We urge companies to access this highly subsidised yet valuable facility which some of our leading members have accessed leading to very positive transformation in performance.

Plans for the ISTMA 2023 16th Conference are now taking shape. This is a historic moment for PtSa and we rally our members to join us not in the preparations but plan to be there – as participants and exhibitors at the All Africa Expo.

As you will read in this publication PtSA has joined the African Association of Automotive Manufacturers (AAAM). Please pay attention to the weekly news brief of what is happening in the Autos sector on the continent. The objective for us joining as an associate is for our members to be aware and explore investment and partnership opportunities on the continent. - Tapiwa (tapiwas@ptsa.co.za)

Upcoming Events



ISTMA Webinars:

- 15 September
- 13 October

National Networking Events:

- October 2022

Regional Networking Events:

- 24 August 2022 – Gauteng

PtSA AGM's:

- 24 August – Gauteng AGM
- November 2022 – National PtSA AGM (details to follow)

PtSA Conference:

- November 2022 – National PtSA Conference (details to follow)

PtSA Partner

momentum
consultants & actuaries

PtSA joins the African Association of Automotive Manufacturers

PtSA recently joined the African Association of Automotive Manufacturers (AAAM) as an associate member. The AAAM is an automotive association focused on Africa and works with African governments and other stakeholders to unlock economic potential and promote the automotive sector across the continent.

The Association aims to develop a network of stakeholders committed to achieving the potential of the African Automotive industry.

Established in 2015, the AAAM strives to build strong relationship networks, provide technical automotive and trade-related advisory to promote the development and industrialisation of the automotive industry, and assist in shaping viable policies that will result

in attracting investment and automotive industry growth on the African continent.

PtSA regards the autos value chain as a choice market for its members and through this membership, we will be able to identify opportunities for our members and where possible influence continent-wide policies that are favourable to our members.



Robbie Deyzel Services the CNC Industry in Eastern Cape

Robbie Deyzel CNC (a division of Robbie Deyzel Engineering) is one of the newest members of PtSA and provider of general and precision engineering turnkey solutions to all industries.

Loffie Deyzel, Director of Robbie Deyzel CNC, said the company was established in 2018 after seeing a growing need for a specialist CNC machine shop which also provides laser expertise such as laser cutting, welding and engraving in the Nelson Mandela Metropolitan. The company has become a premier “one-stop-shop” for the engineering requirements of not only large multi-national corporations and SMMEs, but also for individuals. “We take pride in what we do and aim to serve the region with excellent engineering solutions,” Loffie added.



The Robbie Deyzel CNC team's adaptability and commitment to delivering solutions-based services to all industries has seen them quickly rise to become a trusted name in the Mandela Bay area, partnering with market leaders in the Automotive, Engineering, Petrochemical and FMCG sectors.

One of the company's state-of-the-art machines is the Novick Wire Cut EDM AR-MA series precise fast-speed wire-cut machine. It uses the instantaneously high temperature generated by spark discharging between electrodes and work-piece to remove the materials on work-pieces. The expertise of this design consists of an auto-feeding control system wire-winding system and circulation filtrating. Not only is it a very precise method for the right applications, but far better cost-effective than a method such as laser cutting.



Zimbabwe launches TDM Association to Revive Toolmaking Industry

On 14 June 2022, a group of key role players in the tool, die and mouldmaking (TDM) sector in Zimbabwe, launched the country's TDM Association. Tapiwa Samanga (virtual), and Bob Williamson, PtSA Executive Director and President of ISTMA attended the launch in Harare.

The Zimbabwe Tool, Die and Mouldmaking Association (ZTDM) intends to revive the toolmaking industry, a key pillar of the manufacturing sector value chain in supporting the Government's National Development Strategy 1 (NDS1) thrust on industrial regeneration.

The Zimbabwe TDM sector used to be very vibrant until the mid-90's when it went into fast decline. Presently the industry hardly exists although there is a registered toolmaker course.

David Muvindi, the newly elected chairperson of the association, said **most manufacturing companies were importing their tool, die and mouldmaking products, especially new moulds and other tooling products and what they are sourcing locally are mainly repair services for the imported tools.**

"There has now been a realisation that the tool, die and mouldmaking industry must be revived. It ties up the with government's NDS1 goal of reviving the manufacturing industry in Zimbabwe. Hence the formation of the ZTDM Association, will promote the revival of the TDM industry in Zimbabwe, and in turn, contribute to the rebuilding of the manufacturing industry for the overall benefit of the Zimbabwean economy," he said.

He emphasised that US\$2,5billion was required to capacitate the industry in terms of modern equipment, which needs to be imported. "Those practising are using very old machinery to the extent that a mould manufactured in China can be cheaper than one manufactured here due to old technology," he said.

He added that the tool, die and mouldmaking industry was a key supporting pillar of manufacturing the world over. "For the beverage industry to produce the drinks that they produce, they must have plastic bottles and closures to package the drinks. The bottles and closures are supplied by plastic manufacturing companies. To produce these bottles and closures, the plastics companies must have moulds (made out of steel) that they use on their machines to mould these bottles and closures.

"It is the TDM companies that manufacture and service these moulds," said Mr Muvindi. He said the ZTDM as a new association was meant to bring together industry practitioners in the field of tool, die and mouldmaking, spanning across industries such as plastics, metals, and foundry and their allied industries.

Among the association's objectives are to promote the interests of the industry, such as skills development and retooling, to promote and disseminate to members and the authorities any information of value and use to the and to represent the interest of the members and of the industry in all spheres.

Mr Muvindi said the association would also lobby for favourable government policies for the industry for the benefit of the industry and the country. Government sees the manufacturing sector growing by 6,5% in 2022 and according to NDS1, the sector could benefit from resuscitation and strengthening of existing value chains and developing new value chains as well as mineral beneficiation. As part of the strategies for the sector, resuscitation of value chains will be supported by scaling up innovation hubs and industrial parks.

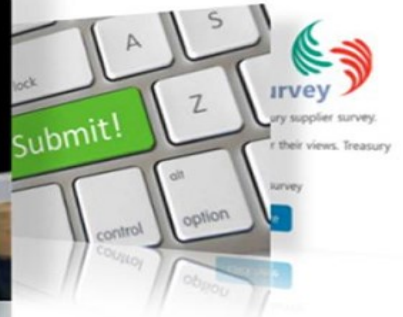
A multistakeholder initiative is underway to upgrade the curriculum and relaunch TDM training in Zimbabwe.

(Source: *Bid to revive tool making industry | The Herald*)





**CENTRAL SUPPLIER
DATABASE**
FOR GOVERNMENT



Register Your Company to get access to potential work

Once in a while, the CSIR procures TDM goods and services. Only suppliers registered with the National Treasury as suppliers are considered.

PtSA is proud to offer its members the opportunity to register their company on the National Treasury Central Supplier Database (NT-CSD). This is a central supplier database for all government entities; and registration will therefore allow access to a range of potential work, typically through an RFP or RFQ process.

Why should a supplier register on the CSD?

- Suppliers will only be required to register once when they do business with government;
- A supplier will be able to ensure their data is up-to-date, complete and accurate;
- Standardised and electronic verification of supplier information leading to reduced fraud with paper copies and manual processes;
- Supplier will not be required to submit physical tax clearance and business registration certificate to organs of state; and
- Single source of supplier information to all organs of state.

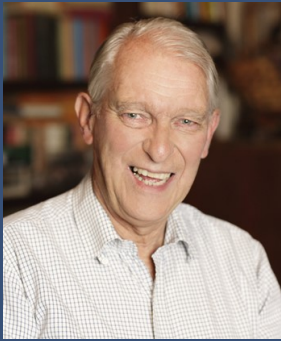
What will be required for suppliers to register?

- All suppliers will be required to complete required information on the CSD website and must ensure it is complete, accurate and comprehensive. The following would be amongst the required information:
- Supplier information i.e. supplier type, identification number, supplier name, trading name and country of origin;
- Supplier contact i.e. preferred contact person, preferred communication method, email address, cell phone number, telephone number, etc.;
- Supplier address i.e. country, province, municipality, city, suburb, ward and postal code;
- Bank account information;
- Supplier tax information;
- Ownership information, i.e. name and identification number of directors, members etc.;
- Association to any other suppliers i.e. branch, consortium member etc.; and
- Commodities the supplier can supply.

A valid email address, identity number, cell phone number and bank account details are mandatory to register on the CSD. Apart from the above, it is foreseen that B-BBEE information will be included in the CSD.

Please send an email to Liza du Plessis (PtSA Communication Officer) at lizadp@ptsa.co.za if you need more information about the registering process.

We are sad to announce that Chris Beyers passed away in the beginning of July...



Chris was the chief midwife in the birth of the INTSIMBI Future Production Technologies Programme.

Then working in **the dtic** as Deputy Director for Capital Equipment, he intimately understood the criticality of tooling as a pillar to support manufacturing. Chris successfully lobbied for EU donor support to lay the groundwork for the programme and later worked on the partnership with PtSA that led

to the creation of a dedicated budget line and the establishment of INTSIMBI. We remember Chris as a dedicated and committed professional who served our industry with distinction both in **the dtic** and his time on the board. He was deeply passionate about creating clusters that are "SA Centric" and a strong advocate of local content.

May his dear industrial soul rest in peace.

Tapiwa Samanga

PtSA Centre of Excellence in Gauteng

PtSA Centre of Excellence in Gauteng is offering the opportunity for candidates that have not qualified yet to undertake the NQF Level 5 Trade Test.

Unemployed candidates qualify for a subsidised cost. Employed candidates also qualify for a subsidised cost, as well as a discounted cost if the company is a member of PtSA!

Please contact Francois Beetge (Gauteng Regional Manager) for information.



Jendamark Wins AGOA Exporter Award

Congratulations to PtSA member Jendamark, who recently won the Top African Growth and Opportunity Act (AGOA) Exporter award in the Large Size Business category.

The awards are hosted by the International Trade Institute of Southern Africa with the support of the USAID Southern Africa Trade and Investment Hub.

"We have had a sales and service presence in the USA for a number of years, but we are actively pursuing new opportunities in this market, while giving our existing customers our trademark world-class service," said Quinton Uren, MD of Jendamark.



Quinton was all smiles as he accepted the award at the official ceremony in Johannesburg.



Great honour for CR Moulds / CRM Tooling / MCR Plastics to meet President Cyril Ramaphosa and Minister of the Department of Trade, Industry and Competition (the dtic) Ebrahim Patel at the Group's exhibitor booth! During last week's Black Industrialists & Exporters Conference in Sandton, the Group exhibited localisation components for the automotive and other sectors.

Fabrication of tooling, and checking fixtures locally through CRM Tooling and international partner CR Moulds. Production of injection moulding components proudly locally produced by MCR Plastics.



"MCR Plastics have great focus for the future for more localisation of components and to positively contribute towards the South African Automotive Masterplan," said Morgan Waterboer, MD of MCR Plastics, a PtSA Member.

New Membership Certificates



Polyoak Packaging Group received their new Membership Certificate from Tapiwa.



André Davis delivered Cape Metal Pressings' Certificate.



Theo van Rooyen handing over Robbie Deyzel CNC's Membership Certificate.

Welcome to the Future

The PtSA Centres of Excellence across the country recently welcomed the new intake of students in the PtSA TDM Powered Apprenticeship Programme. We wish our July 2022 new intake of students the very best of luck with their training. Here are some of the students during the first morning of the Programme.



News from PtSA KwaZulu-Natal

The new PtSA KwaZulu-Natal (KZN) Centre of Excellence is now fully operational. We have both conventional and advanced machining capacity - all in one centre! The training facility, now based in Masons Mill, in Pietermaritzburg, is fundamentally located in this area due to its central location to the manufacturing sector within the Pietermaritzburg area. Its diverse nature of businesses in the area puts this facility at a strategic location.



The PtSA KZN Centre of Excellence is fully operational!

The Mbali area, which surrounds Masons Mill, recently identified as the Hub for the "Mbali Project" which will focus on skills development in the region, has put our PtSA Centre of Excellence in the middle of this learning hub.

The PtSA KwaZulu-Natal (KZN) Centre of Excellence has also recently partnered with the Durban University of Technology (DUT) in Pietermaritzburg. Dr Joseph

Molete (Phd, MBA), Campus Director for the Midland Campuses, heading up the "Mbali Project Science Park", which is one portion of the Mbali Project, has been extremely happy with the PtSA KwaZulu-Natal (KZN) Centre of Excellence set-up and capacity, further strengthening our involvement in the Project.

The PtSA team is currently building and enhancing relationships with industry and had a visit from the management team from Ramsay Production Engineers, Pietermaritzburg branch.

The visit comes after discussions with Ramsay about their further interest in the NQF L5 Toolmaker Training that is done at the

Centre of Excellence. The KwaZulu-Natal students having gone to Ramsay Production Engineers over the years for their on-the-job training and experience and this has sparked the interest of Ramsay in our training programme. Our students, at a training level III, have matched up to a competitive level within the manufacturing arena in terms of skills and knowledge.



Representatives from Ramsay Production Engineers (Pietermaritzburg) during a site visit. The KwaZulu-Natal students having gone to Ramsay Production Engineers over the years for their on-the-job training and experience.

Medical Scheme

PtSA has worked closely with Momentum, a PtSA Partner, to reach an agreement which will offer PtSA members a Medical Scheme, depending on the income levels of the members' employees.

Ongoing Support by Momentum Consultants & Actuaries (MCA) to PtSA members

- MCA will assist with implementation (Employer as well as Employees)
- Member presentation sessions and/or one-on-ones will be arranged, and option selection will be based on the needs of each individual
- Application and activation process
- Ongoing support to Employer and Employees – Claims, Membership matters, hospital admission authorisations etc.) via a dedicated Consultant and MCA Helpdesk available (telephone line 0861 and Email / dedicated Email address)

PtSA / Momentum Medical Scheme offers 5 products

PRODUCT	CATEGORY	MONTHLY COST	BENEFITS
Health4Me	Medical Insurance	R294 Main Member R294 Adult Dependent R148 Per Child (max 4)	<ul style="list-style-type: none"> · GP visits to a network of GPs · Day-to-day benefits through a network of private doctors and specialists
Ingwe Network	Medical Aid	From R940 (main member)	<ul style="list-style-type: none"> · Hospital Cover at private hospital (Network list) · Chronic Cover (27 PMB* Conditions) · Day-to-day benefits only at network providers (GP, limited specialist, medication, basic radiology & pathology, basic dentistry and optometry) · Add HealthSaver (Savings Account) for additional day-to-day expenses
Evolve	Medical Aid (Excludes Chronic)	R1 345	<ul style="list-style-type: none"> · Hospital Cover at private hospital (Network list) · Add HealthSaver (Savings Account) for day-to-day expenses
Custom	Medical Aid	From R1 706 (Based on Members' choice)	<ul style="list-style-type: none"> · Hospital Cover at private hospital (any hospital or Associated Network list) · Chronic Cover (27 PMB* Conditions) · Add HealthSaver (Savings Account) for day-to-day expenses
Incentive	Medical Aid	From R2 224 (Based on Members' choice) (Includes 10% for Medical Savings)	<ul style="list-style-type: none"> · Hospital Cover at private hospital (any hospital or Associated Network list) · Chronic Cover (27 PMB* Conditions + additional 6 Conditions) · Day-to-day expenses paid from Medical Scheme Savings Account (10% of contribution) · Add HealthSaver (Savings Account) for additional day-to-day expenses

* Prescribed Minimum Benefits

Benefits of the PtSA / Momentum Medical Scheme:

- PtSA members will enjoy the benefit of being grouped and receive focussed attention;
- Dedicated contact assistance from Momentum Help Desk for PtSA members;
- PtSA will ensure that members are supported by Momentum;
- Possibility of no waiting periods for PtSA members when joining the Medical Scheme, dependent on negotiations.

Contact PtSA Office to set up a meeting with MCA

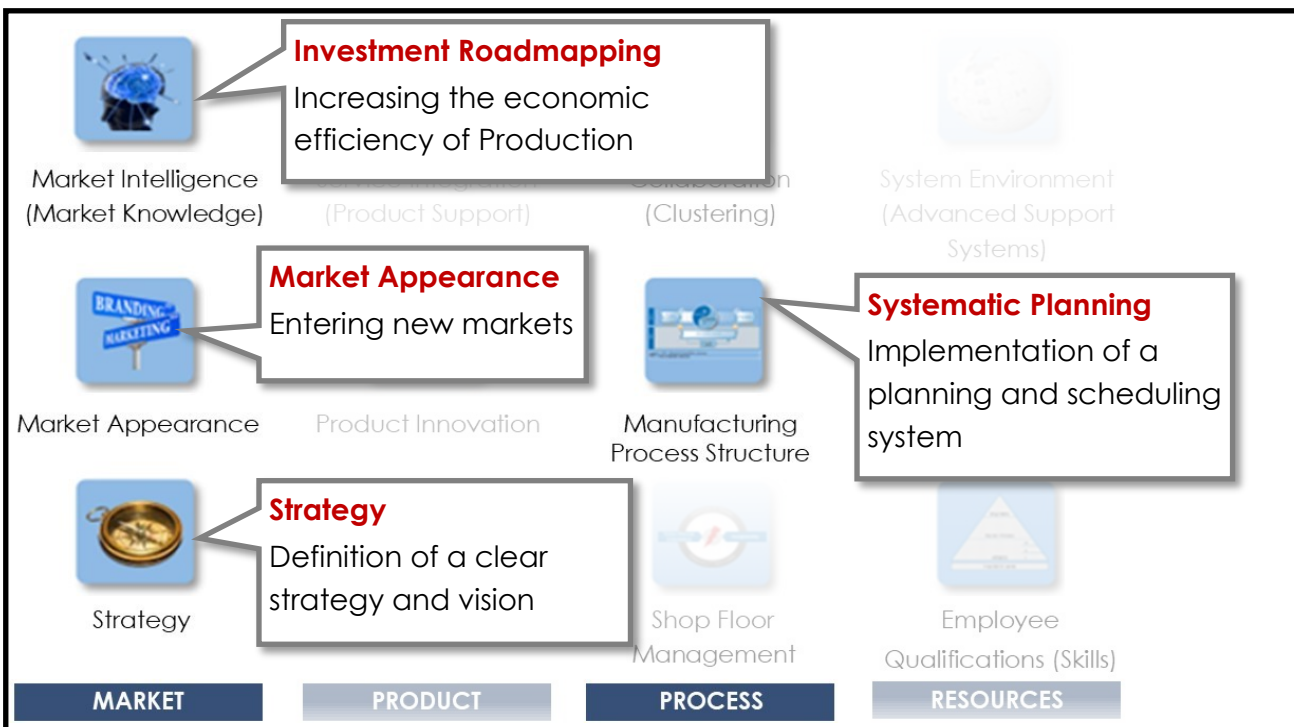
Wagner Systems kick-starts growth with PtSA Benchmarking Process

Wagner Systems, a Western Cape-based member of PtSA, recently presented the outcomes of a re-benchmarking process done by PtSA Enterprise Development in partnership with the WBA Aachener Werkzeugbau Akademie GmbH (WBA Institute Aachen Germany) in 2021. The report was presented to members of the PtSA management team during a company visit in Cape Town.

Lasni Millar, MD of Wagner Systems, said that the benchmarking process, during which the company's positioning against local and international peers is measured and actions determined to be taken for implementation to improve business practices, has been extremely useful. "It would simply have been impossible for us as company to obtain such useful information by ourselves," he said.

"The number of items produced has increased more than three-fold and the company has returned to profitability. Improved cash flow enabled us to purchase two new CNC lathes that helped reducing cycle times by 50% in the applications where they are used," he added.

Below is a diagram of the action fields based on benchmarking results that were identified and improvements that were made according to this report.



Lasni is especially proud of the appearance, layout and improved use of workshop space, which can clearly be seen in the "before" and "after" photographs below. This as result of some of the recommended action plans by WBA, Aachen, after the initial benchmarking exercise done in 2017.



Please contact the PtSA Regional Managers for more information about participating in benchmarking and intervention projects.

Intratech Supports Businesses to Operate in a Challenging Environment

Intratech, a member of PISA, under the leadership of Gary Longshaw, is servicing the Southern African industry to overcome challenges in today's economic environment.

The past 3 years have seen unprecedented challenges to business in South Africa. Toolmakers are struggling to compete with an ever-advancing global tooling industry, which is rapidly adopting and benefiting from new disruptive technologies that are now widely available and becoming ever more cost effective in those developed economies. Unfortunately, the reality in South Africa is somewhat different, with our own unique set of challenges.

Considering this, Intratech is constantly researching affordable technology for local South African businesses, at price points that are realistic and affordable for small

local companies competing in the tooling and associated manufacturing spaces.

"Our aim is to offer local industry a competitive edge, enabling them to operate more efficiently, and win more work in an ever more challenging environment. With this in mind, we recently launched some exciting new solutions in South Africa. These solutions allow smaller businesses to efficiently utilise data from manufacturers without the need for expensive proprietary software tools," said Gary.

These solutions include 3D-FastView, a powerful and versatile CAD Data Management and In-

terrogation solution. It will open, interpret, interrogate, and translate almost any native CAD data.

It also includes GstarCAD Standard, Professional and Mechanical, are 100% ACAD Compatible design packages.

Intratech additionally provides certified training in a variety of disciplines aimed at developing personnel skills, both in the drawing office and on the production floor. These include GD&T (Geometric Dimensioning and Tolerancing to ASME, SANS and ISO standards), weld symbolology interpretation, and fundamentals of technical drawings. These are available either online, or at the company's training centre in Johannesburg.



WAGNER SYSTEMS

Producers of Fine Mechanics Components & Assemblies

Wagner Systems are based in Cape Town, South Africa, from where we service our customers in various industries worldwide. Our production is done at **competitive pricing**, yet at the **world-class standards** our customers have come to expect of us.

Distributors for Sphinx Tools, a Swiss-based manufacturer of precision tools for the machining industry.

Telephone: +27 21 715 8713 | **E-mail:** wagner@wagnersystems.co.za

19 Estmil Road, Diep River 7800, Cape Town, South Africa

WWW.WAGNERSYSTEMS.CO.ZA

We do precision turn-part contract manufacturing of fine mechanics components for industry:

- MedTech
- Aerospace
- Radio Astronomy
- General Industry

Our value-added services:

- Series and batch production
- Production of components for prototype development
- Guidance on component design for manufacturability



Join the Best - Become part of the Network

By joining PtSA, you become part of the network of companies which forms the tool, die, mould and specialised machining industry in South Africa.

Connectivity

- PtSA members have the opportunity to become part of the national and global network of TDM companies.

PtSA is the collective voice of the TDM industry

- The PtSA partnership agreement with government (INTSIMBI Future Production Technologies Initiative) facilitates dialogue between the TDM industry and government.

Improvement of competitiveness of PtSA members

- PtSA, through the process of improving the competitiveness of companies, facilitates the growth of the supplier base for the benefit of the larger corporates, and in particular the OEM's.

Training and upskilling programmes

- PtSA, as the Development Quality Partner (DQP), has developed a number of SAQA approved artisan qualifications and apprenticeship programmes for the TDM and Special Machining industry in South Africa.
- These programmes result in SAQA registered and QCTO and merSETA accredited Toolmaker NQF Level 5 and Tooling Machinist NQF Level 5.
- The programmes are offered in four facilities; QCTO accredited state-of-the-art PtSA Centres of Excellence across South Africa.

Networking, matchmaking and information programmes

- PtSA hosts regular Networking meetings in the Western Cape, Eastern Cape, Gauteng and KwaZulu-Natal.

Better understanding of the Fourth Industrial Revolution (4IR)

- PtSA facilitates the understanding of technology developments for its members by means of information programmes, demonstrations, publications and networking.

PtSA facilitates international connections for its members through its membership of the International Special Tooling and Machining Association (ISTMA World)

- Access to over 23 Associations in 22 countries/8000-member companies.

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 corporate facilities are available for use by its members PtSA website provides information about international and national news, events and trends in the industry.

Contact details for Regional Managers:

Theo van Rooyen (Eastern Cape):	theovr@ptsa.co.za
Francois Beetge (Gauteng):	francoisb@ptsa.co.za
Richard Kannigan (KwaZulu-Natal):	richardk@ptsa.co.za
André Davies (Western Cape):	andred@ptsa.co.za

Contact details for PtSA News:

Liza du Plessis (PtSA News: Editor)	lizadp@ptsa.co.za
--	-------------------

Do you want to **Advertise** your product or services to the Tooling Sector?



- PtSA is offering the opportunity to advertise in the PtSA News (*Newsletter of the Production Technologies Association of South Africa*)
- PtSA News is widely distributed both in South Africa and Internationally
- PtSA News is the only publication which is focussed on the Tool, Die, Mouldmaking and Special machining Industries in South Africa

Advertising Fee Structure: (Excl. VAT)

Size	Per Issue		Annually (6 issues)	
	PtSA Member	Non-Member	PtSA Member	Non-Member
1/4 page	R2 400	R4 895	R12 690	R25 395
1/2 page	R4 800	R6 630	R23 500	R34 875
Full page	R6 500	R10 760	R31 600	R55 680
Outside Back cover	R9 500	R16 600	R46 800	R85 500

Please contact Liza du Plessis at lizadp@ptsa.co.za for details, or to book an advert!