



## DMI 2014 Show Report

Die & Mould industry is a key constituent of the vital capital goods trade that is considered as the Mother of Manufacturing and the 9<sup>th</sup> Edition of Die & Mould India International Exhibition from April 17-20, 2014 at Bombay Exhibition Centre, Goregaon, Mumbai was a step forward to achieve engineering excellence with an aim to establish India as a global manufacturing hub.

The event was formally inaugurated on 17<sup>th</sup> April 2014 at Bombay Exhibition Centre, Mumbai by Chief Guest - His Excellency Dr. A P J Abdul Kalam, the 11<sup>th</sup> President of India, an accomplished Scientist, author and profound thinker, with the mechanised inauguration with the push of button which demonstrated the mindset of the industry for technology adoption and world class production!



The unique inauguration themed as 'Inclusive & Innovation Led Growth' saw Mr. R K Rai Director (TR), Office of the Development Commissioner (MSME) and Mr. Deepak Ballani, Officer-In-Charge & National Programme Officer, Unido

International Centre for Advancement of Manufacturing Technology as Guests-of-Honor. The TAGMA leadership was ably represented by Mr. N

Reguraj Founder President & Executive Council Member of TAGMA; Mr. S C Kalyanpur President, TAGMA and Mr. P N Surendranath Executive Director, TAGMA. The event was anchored by Mr. Sudhanva Jategaonkar, Associate Vice President, Network18 Publishing.

The mega trade event witnessed around 230+ exhibitors showcasing cutting-edge technologies at Indian doorstep with exhibitors from Austria, Czech Republic, France, Germany, Hong Kong, India, Italy, Japan, Korea South, Singapore, demonstrating their latest technological trends in tooling industry alongwith cost-effective, energy efficient and environmental friendly solutions for the dies and mould makers. The event proved to be a large platform for dies and mould makers engaged in design, manufacturing and sales of dies for Pressing, Stamping, Punching and Forming; Injection and Compression Moulds; Die Casting Dies; Patterns and Pattern Equipments; Jigs and Fixtures; Standard Tooling Component; CAD/CAM; Rapid Prototyping; 3D Printing/Additive Manufacturing; Gauges; Precision Machining; Special Machineries and related products.

### INAUGURATION OF DMI 2014

The unique inauguration function of the 9<sup>th</sup> Die & Mould India International Exhibition was overflowing with ideas, inspirations, indigenization, innovations, and ways and means to achieve inclusive growth.





Venue : Bombay Exhibition Centre,  
Goregaon, Mumbai, India.  
Date : 17th to 20th April, 2014

## DMI 2014 - SHOW REPORT

With luminaries like Dr. A.P.J. Abdul Kalam, the 11<sup>th</sup> President of India, Scientist of Repute, an able administrator and an idol to all, being the Chief Guest, TAGMA India with Network18 as its Media Partners, assured that exhibitors and visitors were enthused and inspired. The power packed start to DMI 2014 befitted the action that awaits the industry during this trend setting event!

### Keynote Address by Dr. APJ Abdul Kalam on 'A Vibrant Die & Mould Industry for an Economically Developed Nation

Dr. APJ Abdul Kalam greeted the national and international participants for sharing their experiences and innovations in design and development processes of the Die & Mould sector. He talked about the market size and the production ability of the Indian tool room industry.

### Dr. A.P.J Abdul Kalam crafted a 5-point agenda for Die & Mould industry

Based on his discussions with industry experts and practitioners, Dr. Kalam came up with a five point vision for the Tools, Die and Mould industry, which would be a critical milestone for the national economic growth. The same are listed as follows :

1. The industry should aspire to grow from the present Rs. 17000 crore sizes to over 35,000 crore by 2020.
2. Advanced Product Technologies such as Nano Technology and Robotics should be encouraged across the spectrum.
3. Product quality should be enhanced to international standards with zero waste principles such as Just in Time with continuous improvements on shop floor based on the idea of "Kaizen".
4. The Sector should aim to emerge as a net exporting industry by 2020, by understanding and catering to international industrial needs.
5. The industry should forge at least 20 unique partnerships with technological and management institutions across India to promote, design and run

industry specific courses to generate the next generation techno-leadership in the sector.

He further mentioned about his three dreams which have taken shape as vision, mission and realization. Space Programme of ISRO (Indian Space Research Organization), AGNI programme of DRDO (Department of Research and Development Organization) and PURA (Providing Urban Amenities in Rural Areas) becoming the National Mission, which succeeded midst of many challenges and problems.

While working in all the three areas he learnt that

1. Leader must have a vision
2. Leader must have a passion to transform the vision into action.
3. Leader must be able to travel into an unexplored path.
4. Leader must know how to manage a success and failure.
5. Leader must have courage to take decision.
6. Leader should have Nobility in management
7. Every action of the leader should be transparent
8. Leader must work with integrity and succeed in integrity

For success in all missions, it is essential to have creative leaders. Creative leadership means exercising the vision to change the traditional role from the commander to the coach, manager to mentor, from director to delegator and from one who demands respect to one who facilitates self-respect. For a vibrant nation, the important thrust will be on the generation of a number of creative leaders who will pioneer integrated national development.



Mr. N Reguraj, Founder President & Executive Council member of TAGMA while delivering his welcome note said, "We are being honoured by the



presence of Dr. A.P.J. Abdul Kalam at the 9<sup>th</sup> Die & Mould India International Exhibition. This is TAGMA's silver jubilee year in the industry and this exhibition has grown from a humble beginning of 1000 sqmtrs since 1998 to over 20000 sqmtrs in 2014. The credit goes to Mr. Kalyanpur and his team as they have done a tremendous job in bringing TAGMA forward". He further added, "We have more than 500 members across the length and breadth of this country and today TAGMA plays a significant role in the growth of the tooling industry in India. Also, we are well globally connected through the Federation of Asian Die and Mould Association called FADMA. TAGMA has also established an online library for the service of its members and it functions from Bangalore. Currently, TAGMA is engaged in setting up a new center for growth and excellence in Pune, which is being designed to deliver multi-dimensional technical support to its member."



Mr. Deepak Ballani, while speaking on 'Enabling and Empowering through focussed cluster approach', remarked "UNIDO has been involved in cluster develop-

ment and enhancing the competitiveness of MSMEs in India since almost two decades. For developing country like India, Micro small and medium enterprises generate a large share of employment and income opportunities. However, the development of potential remains untapped because most of the MSMEs operate in isolation. Hence, there is a need to approach dynamic business partners that would bring in new expertise and technical know-how." He adds, "UNIDO addresses these issues by boosting the development of a competitive private sector and contributing to poverty reduction through a focused

cluster development approach. It is very important to focus on the inclusive sustainable industrial development by focusing on adoption of manufacturing excellence through product and process innovation.



Mr. R K Rai gave his insightful presentation on SME Toolrooms and its present scenario. He reflected his understanding about the Technology Centre System

Programme (TCSP) i.e. a unique Stake Holder Ecosystem and referred to it as the need of the hour.



Concluding the ceremony, Mr. S C Kalyanpur, President TAGMA India gave Vote of Thanks. Wrapping up the event, the dignitaries performed a traditional ribbon cutting as

they entered the main exhibition arena.

Mr. P. N. Surendranath, Executive Director of TAGMA commented that, the presence of Dr. A.P.J. Abdul Kalam and his keynote address at the inauguration has tremendously boosted the importance and the awareness of this vital mother industry's contribution to the manufacturing economy of our country. His thoughts, visions, and insights of our industry highlighted in his address through the 5 point agenda are thought provoking and timely for the growth prospects of the Indian Tooling Industry.





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### SEMINARS DURING THE EXHIBITION

#### 1) Panel Discussion on Die & Mould Industry Meeting the Challenges for a Sustainable Growth

##### Panelists

1. Mr. P N Krishnaswamy - Technical Director, Bohler Uddeholm India
2. Mr. Vineet Seth - Managing Director, India & Middle East, Delcam Plc
3. Mr. Jose Varghese - Head of Application Technology, DMG / Mori India
4. Mr. Vidyadhar Limaye - Director India, Faurecia Interior Systems India Pvt Ltd
5. Mr. Yogesh Morade - Dy GM, CAD/CAM/CAE Die Shop, Mahindra & Mahindra, Nashik
6. Mr. Yogesh Hingane Sr. Product Manager-Die & Mould Segment, Seco Tools
7. S C Kalyanpur Managing Director, Sridevi Tool Engineers Pvt Ltd
8. Mr. Manoj Patil -HOD - Supplier Readiness Management (BN-K) New Product Launches - Corporate Purchasing, Volkswagen Group India
9. A Dayanand Reddy Managing Director, Vasantha Tool Crafts Pvt Ltd

2) Systematic Process Engineering for Draw Die Development and Stamping Process Design  
Mr. Ajay Gupta, Autoform Engineering India Pvt. Ltd.



3) Relevance of HSC (High Speed Cutting) in Die-Mould Application  
Mr. M. Mohanavel, DMG Mori Seiki India Machines And Services Pvt. Ltd.

4) MMP Technology (Super finishing)  
Mr. Laurent Cataldo - Ind Sphinx precision ltd



5) New Technology: New Product Information  
Mr. Saroj Kumar Sadangi - Korloy India Tooling Pvt. Ltd.

