

SHOW DAILY

DAY 1 | THURSDAY, AUGUST 10, 2017

DELHI
**MACHINE
TOOL EXPO** 2017
10-13, August 2017
HALL 11, 12 & 12A
Pragati Maidan, New Delhi

Special Pavilions

**METROLOGY
EXPO**
Exhibition for Testing Instrument,
Metrology and Equipment | 2017

WELDEXPO
Exhibition for Welding, Cutting & Joining | 2017

Published By



Indian Machine Tool
Manufacturers' Association

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DMTX 2017: Scaling New Heights

The whopping success of the first edition of the Delhi Machine Tool Expo (DMTX) has encouraged the Indian Machine Tool Manufacturers' Association (IMTMA) to continue with its second edition, scheduled to take place from August 10-13, 2017 at Pragati Maidan, New Delhi. The show aims to assemble all those who belong to the sector and be a one-stop destination for addressing all manufacturing issues.

After having received great enthusiasm from the manufacturers in the north region, for whom the last DMTX served as the much-needed platform for resolving their manufacturing woes, a repeat edition has been organized. This year's show will not only unveil the latest in manufacturing technologies and



Industry stalwarts gracing the opening ceremony of DMTX 2015

solutions, but will also act as a facilitator in the exchange of ideas that will help the industry enhance its manufacturing capabilities.

North India is a hub of major engineering and machine tool industries. Hence, DMTX acts as an ideal platform for the manufacturers in states such as Delhi, Haryana, Punjab, Uttar Pradesh, Rajasthan, Uttarakhand, etc. to witness state-of-the-art technology solutions and innovations.

DMTX 2017

The show, spread over an area of 12,000 sq mt, will host 242 exhibitors and cover

Continued on page 2

uWdlk cLrfr

डी.एम.टी.एक्स 2017: नई ऊँचाइयाँ छू रहा है

दिल्ली मशीन टूल एक्सपो (डी.एम.टी.एक्स) के प्रथम संस्करण की धमाकेदार सफलता ने इंडियन मशीन टूल निर्माता संघ (आई.एम.टी.एम.ए) को इसका द्वितीय संस्करण आयोजित करने के लिए प्रोत्साहित किया है, जो 10-13 अगस्त, 2017 को प्रगति मैदान, नई दिल्ली में आयोजित होगा। इस प्रदर्शन का लक्ष्य है इस क्षेत्र में सम्मिलित सभी व्यक्तियों को एकत्रित करना और सभी प्रकार के निर्माण समस्याओं के संबोधन के लिए वन-स्टॉप डेस्टिनेशन बनना।

उत्तरी क्षेत्र के निर्माताओं, जिनके लिए पिछले डी.एम.टी.एक्स ने अत्यंत महत्वपूर्ण मंच के रूप में निर्माण समस्याओं के समाधान में सेवा प्रदान की थी, उन निर्माताओं से काफी उत्साह

मिलने के बाद एक पुनरावृत्त संस्करण आयोजित किया गया है। इस वर्ष का शो न केवल नवीनतम निर्माण प्रौद्योगिकी और समाधानों का अनावरण करेगा बल्कि विचारों के विनिमय में एक सहायक के रूप में भी

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Hall-11, Stall No. A117

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Continued from page 1

a wide array of metal working machine tools for both metal-cutting and metal-forming including the current trends in manufacturing like automation and robotics, tooling systems and CAD/CAM.

Apart from India, nine foreign countries—Australia, Czech Republic, China, Germany, Italy, Japan, Korea, Taiwan, and the USA—are participating. There is a group participation from China, Italy and Taiwan.

METROLOGY and WELDEXPO

For the first time DMTX has integrated

two shows with special focus on METROLOGY EXPO for testing instrument, metrology and equipment; and WELDEXPO for welding, cutting and joining.

A separate pavilion on the Metrology & Measurement will address the needs and provide various innovative and technological solutions for manufacturing. The show is slated to be a sure hit in terms of exposing the industry to the latest and the best in manufacturing trends. Apart from imparting knowledge on the technology innovations, the event will aid in yoking like-minded players of the industry, thus opening new vistas of opportunities.



A glimpse of the DMTX 2015



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“The first edition of the expo organized in 2015 evoked a warm response with the presence of several domestic and international players. Manufacturers were able to expand their range. The second edition will enable them to build on the earlier success and reach out to the regional industries.”

PG Jadeja
President
IMTMA



“IMTMA is eyeing a bigger success in this edition. We expect a larger level of participation across various industry sectors and I am confident that the expo will continue to evolve in its future editions.”

V Anbu
Director General
IMTMA

काम करेगा जो इस उद्योग के निर्माण क्षमताओं के विकास में मददगार साबित होगा।

उत्तर भारत प्रधान अभियांत्रिकी और मशीन उपकरण उद्योगों का केंद्र है। अतः, दिल्ली, हरयाणा, पंजाब, उत्तर प्रदेश, राजस्थान, उत्तराखंड इत्यादि जैसे राज्यों में डी.एम.टी.एक्स निर्माताओं के लिए आधुनिक प्रौद्योगिकी समाधानों और नवाचार देखने का एक आदर्श मंच के रूप में काम करता है।

डी.एम.टी.एक्स 2017

यह शो, 12,000 वर्ग मीटर क्षेत्र में विस्तृत है, 242 प्रदर्शकों को होस्ट करेगा और ऑटोमेशन और इसमें रोबोटिक्स, टूलिंग सिस्टम्स और कैड/कैम जैसे आधुनिक निर्माण प्रचलनों सहित मेटल-कटिंग और मेटल-फॉर्मिंग, दोनों के लिए व्यापक प्रकार के मेटल वर्किंग मशीन उपकरण शामिल है।

इस शो में भारत के अलावा, नौ अन्य देश : ऑस्ट्रेलिया, चेक रिपब्लिक, चीन, जर्मनी, इटली, जपान, कोरिया,

ताइवान और यु.एस.ए भी भाग ले रहे हैं। चीन, इटली और ताइवान सामूहिक रूप से भाग ले रहे हैं।

मेट्रोलेजी और वेल्डएक्सपो

डी.एम.टी.एक्स ने पहली बार दो संगामी प्रदर्शनों—परीक्षण उपकरणों, मापविद्या और उपकरणों के लिए मेट्रोलेजी एक्सपो; और वेल्डिंग, कटिंग और जॉइनिंग के लिए वेल्ड एक्सपो को एकीकृत किया है।

मापविद्या और मापन के विषय में एक अलग पवेलियन में निर्माण आवश्यकतों को संबोधित किया जाएगा और विभिन्न अभिनव और प्रौद्योगिकीय समाधान प्रदान किया जाएगा। आलोचना अनुसार, इस उद्योग को निर्माण प्रचलनों में नवीनतम और सर्वोत्तम उपकरणों से अवगत करवाने के मायनों में यह शो निश्चित रूप से सफल रहेगा। नवीनतम प्रौद्योगिकी के विषय में ज्ञान प्रदान करने के अलावा, यह कार्यक्रम निर्माण उद्योग के क्षेत्र के समान-मनोवृत्ति वाले व्यक्तियों को एक-साथ लाने में सहायता करेगा, अतः अवसरों के नए मार्ग खुलेंगे।

KNOWLEDGE SHARING

SUCCESS THROUGH SYNERGY

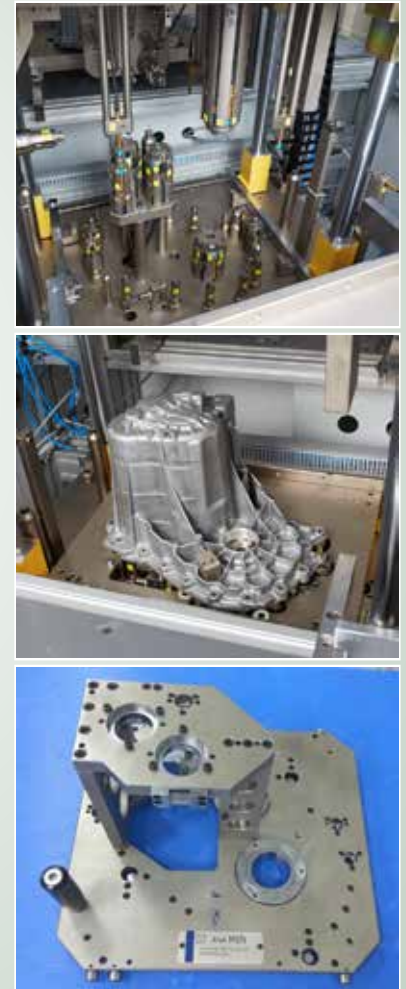
According to Michael Lin, Director, Taipei World Trade Center Liaison Office in Mumbai, TAITRA, India is an important market for Taiwan. Lin hopes that the Indian market will open a wide door for Taiwanese industry and investment. In this context the organisation sees DMTX show as a platform to introduce the latest Taiwan-made machine tools and technologies. Eight Taiwanese manufacturers are showcasing CNC machine tools, toolholders, cutting tools, riveting machines and various machine tool accessories at DMTX 2017. In order to help local buyers and the media know more about Taiwan's machining equipment, turnkey solutions and after-sales support, TAITRA has organised a press conference today at 2:30 pm in Hall 12a foyer.



“Taiwan machine tool makers are India's trusted partners to make 'Make in India' a success.”

Michael Lin, Director
Taipei World Trade Center
Liaison Office in Mumbai,
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"We aim to increase our sales by reaching out to more machine tool users, machine tool builders and retrofitters in North India. This show is an opportunity to gauge market requirements and demands."

Shuhei Matsui
General Manager – CNC Systems
Mitsubishi Electric India Pvt Ltd

NUMERIC CONTROLLER

UPPING THE ANTE

Trade fairs and exhibitions act as a sophisticated platform for conducting business on a national and international level. With the entire marketplace at fingertips, one gets an excellent opportunity to receive direct feedback from customers, gauge market potential, evaluate competition, and meet potential business partners. Mitsubishi Electric India Pvt Ltd, through its presence at DMTX 2017, aims to do just that.

Mitsubishi Electric India (MEI) is a well-recognized name, providing complete solution for factory automation and industrial products; residential, commercial and industrial air conditioning; video and imaging products; and technical and marketing support for power semiconductors, photovoltaic modules, transportation, power systems and CNC solutions.

The company through its participation in DMTX wants to reach out to the machine tool users and machine

tool builders (MTBs) to create more awareness of its products. "Our products are highly evaluated and populated in die-mold cutting sector of market. However, the awareness in the segment of automobile parts cutting companies is still low. We hope that through the DMTX show we make visitors understand the merits of our products in lathes and parts cutting VMC. We believe that our products will contribute to the improvement of quality and productivity in Indian production market," says Shuhei Matsui,

General Manager – CNC Systems,
Mitsubishi Electric India Pvt Ltd.

On the showcase

The company is exhibiting its newest numerical controller Standard model M80 series and PLC based NC – C80 series at DMTX 2017.

"Our CNC dedicated CPU results in experiencing its revolutionary high-speed processing. The intuitive touch screen operation gives improved visibility and includes flick, scroll and pinch abilities like a smart phone or tablet," explains Matsui.

"The new C80 series is an innovative new-generation CNC, compatible with the FA integration platform that leads to a new era of manufacturing lines. C80 is capable of controlling complex machines, as it is configured to 3 CPUs (21 part systems and 48 axes). New CNC monitor, same as the standard HMI of M80 series, provides easy operability," he adds.

Making the most of DMTX

MEI has its focus on machine tool users, machine tool builders (MTBs), retrofitters and major OEMs. "We also look for the audience interested in the industry 4.0 and IoT applications, as we will be exhibiting some of the in-house developed (in India) IoT applications. Our IoT concept "e-F@ctory" is the solution to support advanced manufacturing which realizes reduction of total costs - from development to maintenance - with both FA technology and IT technology. Both manufacturing and management are optimized by e-F@ctory," elaborates Matsui.

Mitsubishi Electric India Pvt Ltd
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MEI is displaying its latest numerical controller such as Standard model M80 series and PLC based NC – C80 series.

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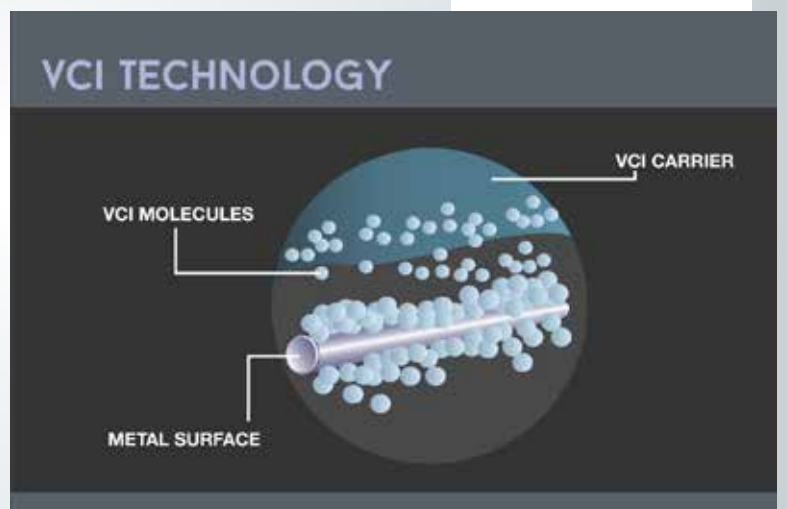
Daubert VCI Paper and Films provide long term preservation in storage and transit. The main benefits of the VCI technology lie in its ability to self-apply and dissipate and it is based on the combined principles of polarity and volatility. Metals in the vicinity of VCI products undergo a chemical reaction and form a protective molecular layer, which prevents moisture, salt, dirt, oxygen and other

materials from depositing on the metals and inhibits corrosion.

There are two main product categories – VCI Papers and VCI Film. The technology is based on the concept of volatility and polarity, where volatile "V" components are added to Corrosion Inhibiting "CI" Components. Benefits include: Excellent rust protection, protection in sea conditions and good strength and quality.

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The all-new 16 cutting edge, double-sided, octagonal ONMU range of inserts and cutters from DURACARB is a versatile tool designed with helical geometries on the insert, and positive rake angle pocket on the cutter body. This results in reduced cutting forces during machining, giving it the ability to machine at high feed rates on both low power and high power spindle machines. The inserts are available in

two sizes: ONMU 05 for low depth of cut, low spindle power machines and ONMU 07 for moderate to high depth of cut and high spindle power machines. They are available in two chip geometries namely ML and M for better machining, as also in grades DC9800, DC9200, DP5035 ideal for machining Steel, SS and Cast Iron. Cutters are available in diameters 63mm to 160mm, while end mills in diameters 25mm and 32mm.

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The stylus is compatible with the entire Technifor line of pneumatic machines and offers a new dimension to integrators and end-users.

Gravotech has unveiled its latest innovation in the mechanical marking brand line Technifor: a 3D stylus that performs a succession of markings regardless of the shape of each workpiece -- sloping planes, out-of-flat surfaces, and deformed surfaces. The stylus tip extends and retracts automatically as it follows the relief with the utmost precision. With an amplitude of 18 mm, the stylus makes it

possible to perform "stepped" markings, on different levels of the same workpiece - and in a single cycle no less. With no need for an actuator and without moving the marking head, it enables engraving in recesses, hollows and difficult-to-reach places. Since it marks cylindrical workpieces by following their curves, it is now possible to eliminate the additional cost of installing a part rotation system.



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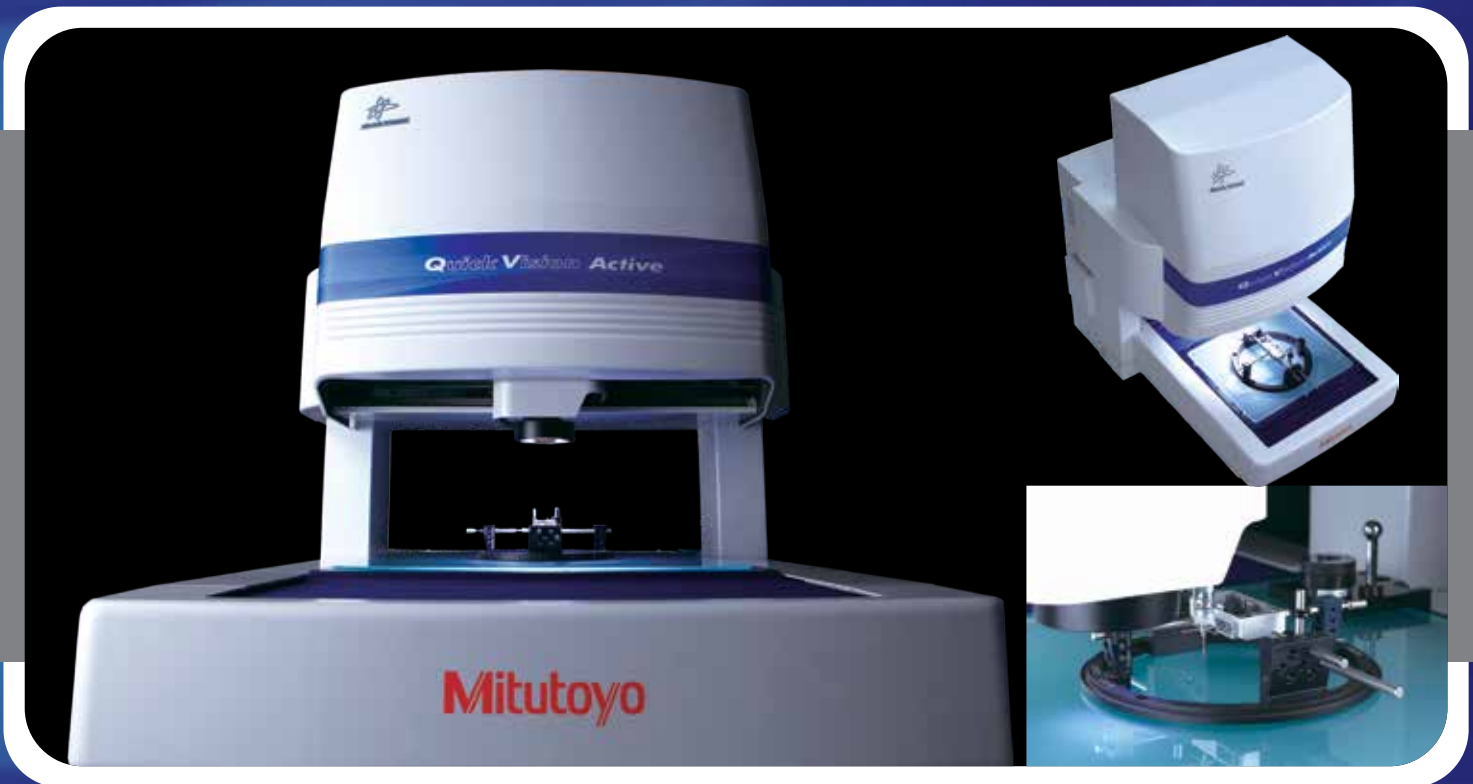
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Press Conference

10 August, 2017 14:30 at Hall 12A Foyer

Taiwan is the world’s 7th largest producer of machine tools and 5th largest machine tool exporting country.

improve their business. Taiwan machine tools are India’s trusted partners to make Make in India a success.

Taiwan is keen on supporting the Indian government’s “Make in India” programme. With high quality, machining flexibility, competitive prices and good after-sales service, Taiwan machine tool makers can help India manufacturers make better product and

At the DMTX 2017, Taiwanese manufacturers will present their latest machine tool models and technologies during the press conference. Industry professionals and the media are welcome to attend!

Time	Program		Presenter
14:00-14:30	Registration		
14:30-14:35	Taiwan Machine Tools Video		
14:35-14:40	Opening Remarks : Competitive Advantages of the Taiwan Machine Tool Industry	Taipei Economic and Cultural Center in India, Economic Division, Bureau of Foreign Trade, MOEA. Director Hung Yang	
14:40-14:45	Group Photo		
14:45-15:15	Product Launches	Echaintool Industry Co., Ltd. Chain-Headway Machine Tools Co., Ltd Tongtai Machine & Tool Co., Ltd	
15:15-15:25	Q&A		
15:25-16:00	Networking / One-on-One Interviews		

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