



The region's biggest
Machine Tool Expo



27 / 28 / 29 / 30

September 2018
Auto Cluster Exhibition Center, Pune

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BUILDING ON SUCCESS

PMTX 2018: Enabling Growth

With the aim to focus on the flourishing western region of the country and aid the local players access cutting-edge global technologies in manufacturing, Indian Machine Tool Manufacturers' Association (IMTMA) has organized a repeat edition of Pune Machine Tools Expo (PMTX) at Auto Cluster Exhibition Center, Pune starting today until September 30, 2018.



Source: IMTMA

A glimpse of the first edition of PMTX that generated rave reviews from the industry.

Building on the overwhelming success of the past PMTX, IMTMA has yet again convened the manufacturing fraternity from far and wide to showcase their state-of-the-art manufacturing technologies and solutions at the event. The expo is an endeavor towards bringing the latest in global innovations

closer to the players of India's western region to help enhance their productivity and address critical production challenges they encounter.

The Pune region has over time grown to become a hub for automotive, heavy engineering, aerospace, defence, ordnance and many other manufacturing segments. The pre-

sence of a large number of leading manufacturing companies makes the expo a significant one for the region.

PMTX, an impetus to manufacturing

Expressing his view on the event, P Ramadas, President, IMTMA, said, "Automotive sector is the largest con-

sumer of machine tools. We have a substantial number of members from western region based in Pune as this is one of the major markets for them. A show like PMTX will be a great enabler for business development of machine tools in this region."

Seconding his views, V Anbu, Director General & CEO, IMTMA, added, "New and emerging technologies are the need of the hour for the development of any manufacturing industry. IMTMA will bring these technologies closer to the doorsteps of manufacturing industries in this region through PMTX. The show will support not only the OEMs in automotive sector but also other major engineering industries in the region to upgrade their manufacturing capabilities."

What's in store

The four-day event covers a wide array of metal working machine tools for both metal cutting and metal forming including automation and robotics, tooling systems, CAD/CAM and other technologies essential for today's manufacturing.

Along with the host city Pune, the event is slated to attract delegates and visitors from the Tier II and Tier III cities such as Aurangabad, Nagpur, Kolhapur, Mumbai, Satara, Ahmednagar, besides the neighboring state of Gujarat.

In addition to being a platform for promoting and spreading awareness

Continued from 1

► on the revolutionary bonds and a rich exchange of ideas. The first edition of Pune Machine Tool Expo held at the same venue in 2016 recorded an overall footfall of over 7,000 visitors. With the kind of response received so far, IMTMA is sure that the second edition will surpass the past success.

SNAPSHOT OF PMTX 2016:**Venue:****Auto Cluster Exhibition Center****Number of Exhibitors: 98****Number of Visitors: 7,400****Net Exhibit Space:****4,500 sq mt****Total Trade Delegations: 62****EXHIBITORS' PROFILE**

- » Turning machines
- » CNC multi-function machines
- » Drilling, Boring, Tool Grinding & Milling machines
- » Machining centres
- » Flexible manufacturing systems
- » Special production machines and unit head
- » Special purpose grinding machines
- » Gear cutting & finishing machines
- » Planning, shaping, slotting & broaching machines
- » Sawing & cutting-off machines
- » Screwing & threading machines
- » Honing, Lapping, Polishing & Deburring machines
- » Electro erosion machines
- » Robotics & manufacturing automation
- » Machines for marking
- » Machine tools for educational purposes
- » Heating and hardening machines
- » Organisations
- » Presses
- » Presses for special applications
- » Sheet metal cutting machines
- » Sheet metal blanking, Punching machines
- » Sheet metal forming machines
- » Sheet working cells and systems
- » Die Casting
- » Forging
- » Extrusion
- » Metal spinning and flow forming
- » Rolling
- » Wire forming machines
- » Bar, section and tube working machines
- » Hydro forming
- » Casting & foundry
- » Heat treatment & hardening
- » Machines for the production of bolts, nuts, screws and rivets
- » Joining & welding
- » Robotics & manufacturing automation
- » Specialized metal forming processes & machines
- » Machines and plant for processing plastics
- » Machines and equipment for pre-processing, recycling plastics
- » Post processing machines for plastics
- » Follow-on equipment for plastics
- » Machinery, parts and components
- » Other machines and equipment
- » Welding machines for plastics
- » Raw materials
- » Machinery & processes for composites
- » Machinery & Processes for ceramics
- » Cutting tools
- » Forming tools
- » Abrasive & polishing tools
- » Hand held tools
- » Tooling systems
- » Work holding
- » Automation for storage & transport
- » Components for robotics & automation
- » Attachments, accessories & sub-systems
- » Mechanical elements and components
- » Hydraulic and pneumatic systems and elements
- » Electrical & electronic equipment
- » Feeding systems
- » Testing machines
- » Measuring, inspection & quality control
- » Dies & moulds
- » Production control & networks
- » Control, drives and systems
- » Software
- » Services
- » Shop Equipment
- » Waste Disposal Equipment
- » Safety & environment
- » Lubrication & coolant
- » Welding material & accessories
- » Raw materials



"Automotive sector is the largest consumer of machine tools. We have a substantial number of members from western region based in Pune as this is one of the major markets for them. A show like PMTX will be a great enabler for business development of machine tools in this region."

P Ramadas
President
IMTMA



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V Anbu
Director General & CEO
IMTMA

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HYDRAULIC EQUIPMENT

Furthering Business Goals

Hydax Hydraulics displays its range of hydraulic accessories at PMTX 2018, and aims to reach out at a more personal level to its present and potential customers.

Hydax Hydraulics Pvt Ltd is the pioneer in the area of manufacturing hydraulic accessories in India. For company Director, Meetali Mukherjee, PMTX presents a perfect platform to consolidate existing ties and forge new bonds.

"Pune is a renowned and pioneering hub of manufacturing and has been a

frontrunner in incorporating efficient methods for large scale production. Digital media has given us the data of the western region. However, we would like to reach out at a more personal level to our present and potential customers at the event. The aim, at the end, is to further our mutual business goals," she states.

Showcasing strength

Large OEMs to individual buyers of the machine tools, material handling and agriculture industries form the customer base for the company's hydraulic equipment. "That apart, our Electrochemical deburring and machining division is making huge inroads into the mass manufacturing sector by providing customized solutions to precision machining requirements of customers," informs Mukherjee.

Hydax Hydraulics is showcasing its Burrigon ECM deburring machine at PMTX. The machine is used to deburr all kinds of metal components and is ideal for mass production. A volume of 3,000 - 10,000 per day can be achieved based on the size of the components and deburring area. The effective cycle time for most components would be 60 sec for 1mm of burr. Decolorization occurs around the area of deburring.

The machine is generic and can be used for deburring many parts at the same time and also different components by changing the electrode. Burrigon works on Next Gen Electrolyte, which is anti-corrosive and non-evaporative. It consumes 350 percent less power compared to traditional electrolytes. It is bio-degradable, eco-friendly and has a higher boiling point than water and a low freezing point,



Source: Hydax Hydraulics Pvt Ltd

"PMTX presents a perfect platform to consolidate existing ties and forge new bonds. The aim is to further our mutual business goals."

Meetali Mukherjee
Director
Hydax Hydraulics Pvt Ltd

which means that the electrolyte does not require a heater to start. The machine comes with an in-built chilling unit which controls the temperature of the electrolyte.

Hydax Hydraulics Pvt Ltd
www.hydaxindia.com /
www.hydaxmachines.com
Hall & Stall: A / D-122

Source: Hydax Hydraulics Pvt Ltd



Burrigon ECM deburring machine

PACKAGING SOLUTIONS

VCI Papers and Films for Corrosion Protection

Export packaging, OEM and JIT packaging, packaging for the replacement market, in process

protection, and long-term preservation require the usage of VCI (Volatile Corrosion Inhibition) products.

The main benefits of the VCI Technology lie in its ability to self-apply and dissipate. The technology is based on the concept of volatility and polarity, where volatile 'V' components are added to corrosion inhibiting 'CI' components. The VCI molecules align on the surface of the metal to a depth of 3-5 molecules and form a layer. This layer passivates the surface and crea-

tes a barrier that prevents oxidation, resulting in corrosion prevention for the required period of time.

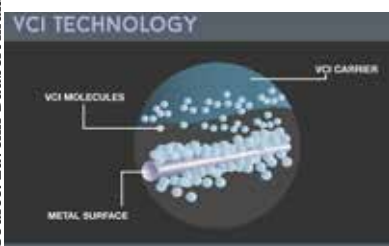
There are two main product categories: VCI Papers and VCI Films. In addition to the VCI Technology, DAUBERT VCI Films are manufactured using a special Multi-Layer Technology, which exceeds in performance in comparison with other available VCI Films in the market. The three layers are: Moisture Barrier Layer, High Strength Layer and VCI Protection layer.

Benefits

- High quality of corrosion inhibiting chemicals render excellent rust protection;
- Its water solubility makes it effective in high humidity and offers protection in sea conditions;
- The natural neutral kraft paper provides good strength and quality.

Zavenir Daubert India Pvt Ltd
www.zavenir.com
Hall & Stall: B / A-103

Source: Zavenir Daubert India Pvt Ltd



The VCI (Volatile Corrosion Inhibition) Technology

ANTI-RUST SOLUTIONS

Rust Preventive Coatings for Vehicle Bodies

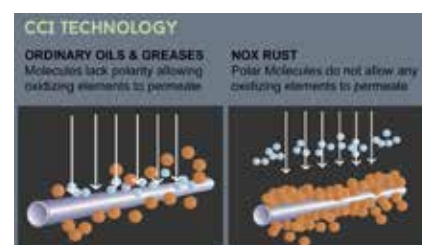
NOX-RUST® waxes and coatings promise to protect such key vehicle parts from such severe conditions for years. The series offers a wide range of vehicular body waxes and coatings which has gained approvals from most major automobile manufacturers around the world.

Benefits of NOX-RUST® waxes and coatings

- Adequate coverage of cavity areas
- Excellent penetrative and anti-sagging properties

- Fast Curing Film which is self-healing and has excellent aesthetics
- Rust protection. The CCI Technology is compatible with paints, plastics and other non-metal substrates.

Zavenir Daubert India Pvt Ltd
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NOX-RUST® Rust Preventive Coatings are based on the Contact Corrosion Inhibition (CCI) Technology.

Source: Zavenir Daubert India Pvt Ltd

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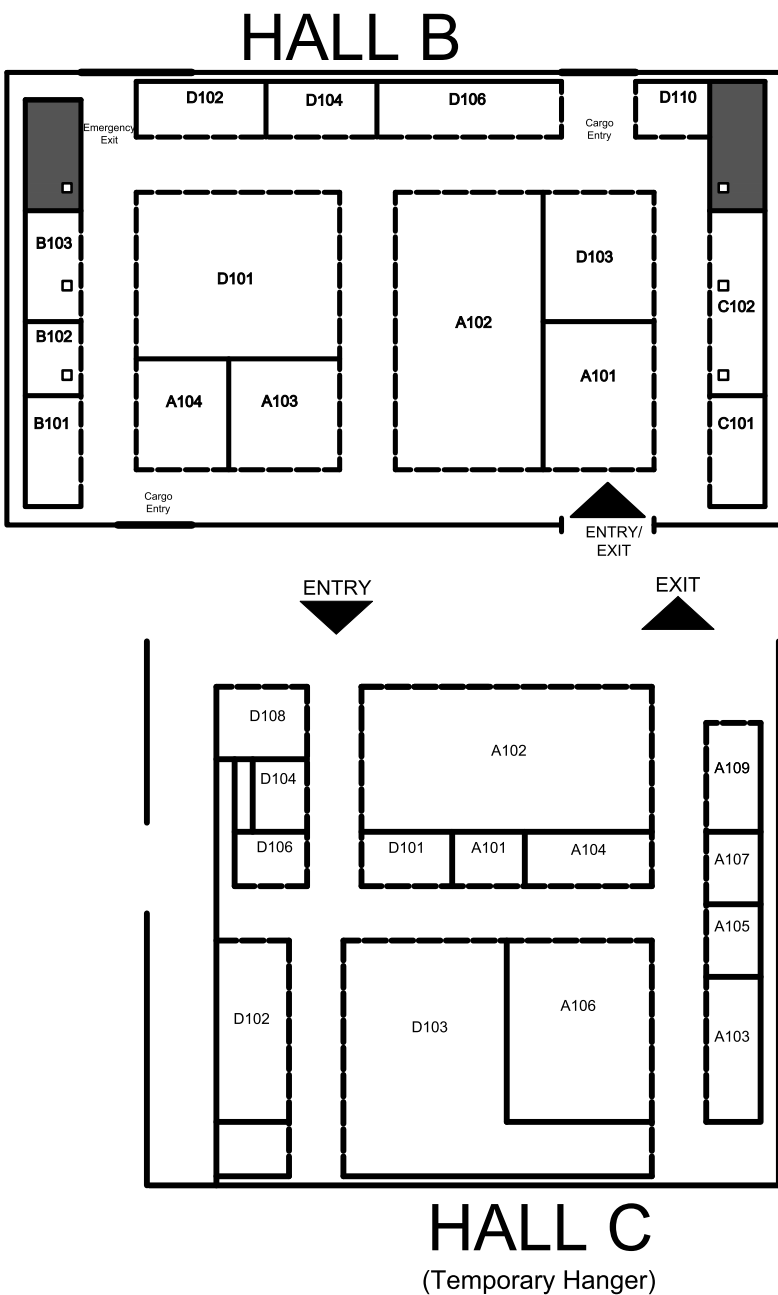
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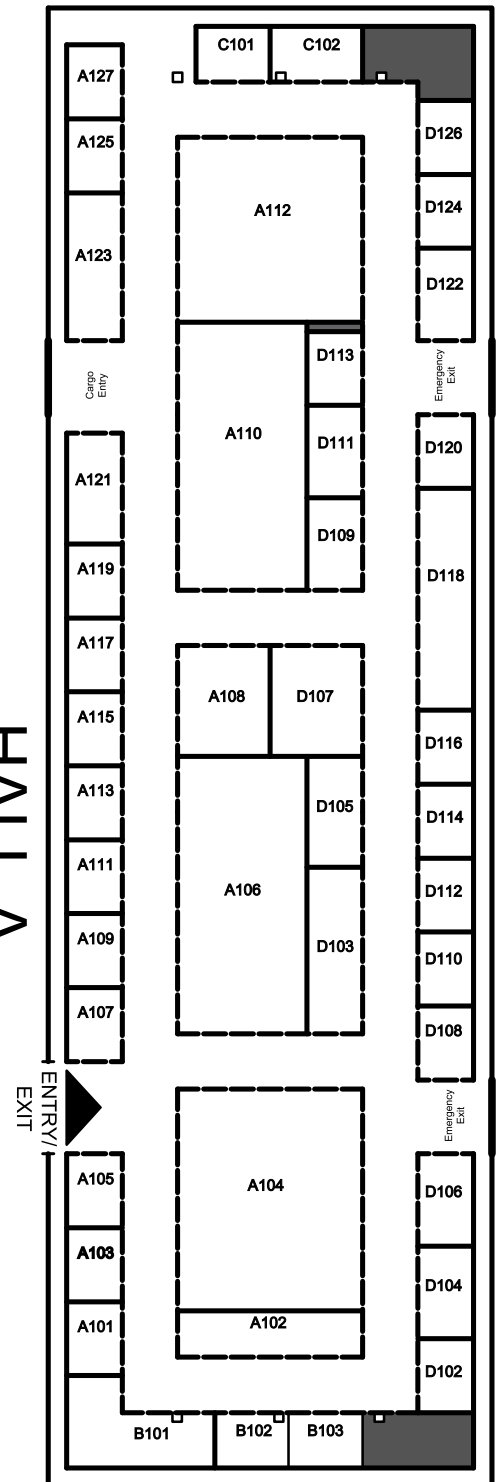


PUNE MACHINE TOOL EXPO 2018
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TUMAKURU MACHINE TOOL PARK (TMTP) (A Special Purpose Vehicle of GOI & GOK)

#.49, 5th Floor, East Wing, Khanija Bhavan, Race Course Road,
Bengaluru-560 001. Phone No. 080-22288841, 22288842 & 22288843
Email: tmtp@kiadb.in Website www.kiadb.in

Date: 06.09.2018

NOTIFICATION

APPLICATIONS ARE INVITED FOR ALLOTMENT OF INDUSTRIAL PLOTS AT TMTP EXCLUSIVELY FOR MANUFACTURERS OF MACHINE TOOLS AND THEIR ANCILLARY UNITS

Government of Karnataka (Through SPV) is developing an Integrated Machine Tool Park with State-of-the-Art Industrial Infrastructure coupled with an eco-friendly layout in an extent of about 530 acres of land at Vasanthanarasapura, Tumakuru District, with assistance from Department of Heavy Industry, Government of India to attract investments in the machine tools sector. It is an integral part of Tumakuru Industrial Node on the proposed Chennai - Bengaluru-Chithradurga, Industrial corridor and is located adjacent to proposed Japan Industrial Park.

This is a golden opportunity for manufacturers of Machine Tools, accessories, attachments, sub-system assemblies, components and parts, dies and moulds, tools and tooling, consumables and others directly related to machine tool industry and service providers and units providing support to the machine tool industry to set up their units in TMTP.

The Karnataka State Industrial Policy 2014-19 intends to offer special impetus with incentives & concessions and special rate for industrial plots.

Applications from the prospective and interested entrepreneurs can be submitted online in the website of Karnataka Udyog Mitra (<http://kum.karnataka.gov.in>), (<http://ebizkarnataka.gov.in>). The filled in applications should be submitted by **5.00 p.m. on 06.10.2018**. Further details and detailed notification is available on the website. For any further guidance with respect to Machine Tool Park, the agencies may contact Sri Revannagowda, Managing Director, (Mobile : 9845521224), Karnataka Udyog Mitra, 3rd Floor, Khanija Bhavan #49, Race Course Road, Bengaluru-560001 or any of the following officers.

Smt. T.K. Swaroopa

Additional Director,
Policy & Promotion
Industries & Commerce
Mob: 9341966609

Sri. L.S.Harti

Chief Finance Officer
TMTP
Mob: 9845520837

Sri. Ifthekar Ahmed

Dev. Officer
KIADB
Mob: 9901604074

Sd/-

Sri. Anirudh Sravan P., IAS

Chief Executive Officer
TMTP

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Programme Duration
8 weeks

Programme Timing
9.30am to 5.30pm (Mon to Sat)

Programme Location
Design Institute, IMTMA Technology centre
Chinchwad, Pune

Programme cost
Rs. 45000/participant + applicable GST (for Individual)
Rs. 55000/participant + Applicable GST (for industry)

Programme Registration
Eligibility : First class preferred
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Abhishek Verma +91 706 6030531 abhishekverma@imtma.in
Rathan +91 9743180085 rathan@imtma.in

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Block your dates this November!

SYMPOSIUM ON APPROPRIATE AUTOMATION IN INDIAN CONTEXT 23 November 2018, Hotel Westin, Pune



Manufacturing is becoming highly automated and IT-enabled. The developments in the sphere of Automation are witnessing rapid strides in areas such as Robotics, Artificial Intelligence, Machine Learning, Digitalization and so on. For Indian manufacturing companies to be globally competitive, it is imperative to automate their operations to reduce costs, enhance productivity and reliability, to effectively manage the complexities of varying business cycles.

To understand and address the real-time application and benefits of Automation, Indian Machine Tool Manufacturers' Association (IMTMA) is organizing a Symposium on Appropriate Automation in Indian Context, on 23 November 2018 in Pune

The symposium is a combination of technical presentations, application case studies, plant visits, interactive sessions and panel discussions.

FOCUS AREAS

Application Case Studies

- > Machine Shop Automation
- > Assembly Lines
- > Forging
- > Welding
- > Sheet metal working

Enabling Technologies

- > Robotics
- > Digitisation
- > Smart Sensing & Vision Systems
- > Machine learning
- > Artificial Intelligence

Plant Visits (22 November 2018)

Leading manufacturing companies open their doors to participants on 22 November 2018 (a day prior to the event) to showcase latest developments and practical implementations of Automation on their shop floor.

TOUR A : BOSCH CHASSIS SYSTEMS & VOLKSWAGEN

TOUR B : BAJAJ AUTO & GE PUNE (To be Confirmed)

Who Should Participate

CEOs, Top Management, Senior Executives, Practicing engineers, Industry consultants and R&D Specialists from Automotive, Auto components, Aerospace, Consumer durables, Machine Tools, Tool rooms, Defence & Railway units, General Engg. and other manufacturing industries.



INDIAN MACHINE TOOL MANUFACTURERS ASSOCIATION

@ Bangalore International Exhibition Centre (BIEC) 10th Mile, Tumkur Road,
Madavara Post, Bangalore - 562 123 Fax : 080 6624 6661

For details please contact IMTMA Bangalore office : Abhishek on abhishek@imtma.in
Tel: 080-66246829 / 6805 Mobile : +91 9886611007

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September 27th to 30th 2018

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