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CNC Rotary Tables and Gear Hobbing Solutions

Being a Part of Success

A specialist in precision CNC rotary tables and gear hobbing solutions for machine tool applications, UCAM Pvt Ltd believes in the influence of regional shows and they being a significant means to spread technological awareness to the SMEs of remote places.



Indradev Babu, Managing Director, UCAM Pvt Ltd & Vice President, IMTMA (fifth from left) along with Team at DMTX 2019 Show

Well aware of the reach of regional shows like DMTX, UCAM considers them as just the right platform to showcase and launch one's innovative products for regional players.

"Exhibitions organized by IMTMA in India has a tradition of huge success. DMTX, in its initiative to meet the needs of end users, has been highly influential in offering relevant technologies and solutions. The show helps in spreading awareness on technological fundamentals," says Vijay Zaritaklikar, National Sales Manager, UCAM Pvt Ltd.

UCAM's offerings

The company has four business verticals of which largest is the CNC Rotary Tables. "We will be displaying a collection of our new and improved Tables. The MINT series of tables called the URX series has been designed as per the market needs and have new and improved features," shares Zaritaklikar.

The company is also displaying its flagship Production system and a new Compact Tilting Table with smart working holding fixtures (ZPS).

UCAM's business unit Nimble Machines produces high-tech and

high-performance machines. "We are showcasing new high-speed, high precision CNC Gear Hobbers. The third but a key vertical is our Nimble Electric which develops and produces high-tech customized torque Motors for CNC Machine Tools, Defence and other specialized applications. In a nutshell, we will be showcasing solutions to enhance productivity in line with Smart Manufacturing," he informs.

The company's UCAM Mechatronics basically trades in high-performance elements from Europe. It deals with the subsystem needs of machine

tools and other manufacturing industries that are also the customers of UCAM for its indexing and gear hobbing solutions.

Expected visitors

"Our products are being used in almost all industrial sectors. However, since Automotive has the highest consumption among all and North India being its major hub, we expect most visitors from that sector," states Zaritaklikar.



Source: Magic Wand Media

“Exhibitions organized by IMTMA in India has a tradition of huge success. DMTX, in its initiative to meet the needs of end users, has been highly influential in offering relevant technologies and solutions. The show helps in spreading awareness on technological fundamentals.”

Vijay Zaritaklikar
National Sales Manager
UCAM Pvt Ltd

Continued from page 1

“We are also targeting companies that are looking for the latest technological features in our products which could enable minimum operator intervention and capability to solve complex machining problems,” he adds.

Rotary Tables

URX Series Rotary Tables

The new URX Series of Rotary Tables from UCAM enables users to give higher cutting forces onto the components, thus reducing cycle time and increasing productivity.

These Rotary Tables are with very high clamping torque generated by the new technology brake discs which are specially processed to generate higher frictional torque. Also the clamping area is increased to generate higher clamping forces. In URX 200 Rotary Table, the clamping torque is 400 Nm (@ 5 bar pneumatic input pressure) and 900 Nm (@ 30 bar hydraulic pressure) against 250 Nm and 500 Nm respectively in URH series. Due to this, users can give higher cutting depths to their components or can go for one size smaller Rotary Table as compared to URH series (i.e. can work on URX-200 instead of URH-251 Rotary Table. The URX series Rotary Table is available in four models: URX-180, URX-200, URX-250 and URX-320.



URX Rotary Table

Source: UCAM Pvt Ltd

CNC Tilting Rotary Table

CNC Rotary Tilting table is a precision work positioning device used in metal cutting.

UCAM's CNC Rotary Tilting Tables form the 4th and 5th axis of the machining centers. If interpolated with the machine's 3 axis, the tool can machine the curves which one cannot think of with 3 axis or even 4 axis machining centers. A tool can easily reach complex compound angles on the component using a Tilting Rotary Table.

Tilting Rotary Tables are available in various sizes: 150 dia, 200 dia, 250 dia and 320 dia.

150 dia Tilting Rotary table can fit into Drill Tap Center and small Machining Centers. 320 dia is suitable for applications where larger swing for rotary and tilt axis is required. Larger swing is available up to 700mm.

Tilting angle range is available in +/- 110°.

UCAM Rotary Tables are available in various sizes depending upon the application. Sizes range from 150 dia to 800 dia for horizontal and vertical application and bigger size up to 2500 sq in horizontal mounting application are available as standard catalogue products.



Tilting Rotary Table

Source: UCAM Pvt Ltd

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Going Global

Taiwan Association of Machinery Industry (TAMI)
www.tami.org.tw
Hall & Stall: 15 / 625, 625A, 627

Towards Mutual Growth

Taiwan Association of Machinery Industry (TAMI) leads a delegation of three Taiwanese companies at DMTX 2019 and is keen to forge bonds between Indian and Taiwanese players.

Taiwan Association of Machinery Industry (TAMI) is here at DMTX 2019 in its pursuit to further enhance the connection between Taiwan companies and local customers. “We are here with the purpose of expanding the local market share for Taiwan machine tools. We are certain that a platform like DMTX can be highly instrumental in the process and deepen the relation we share with the country. We also expect to get a better understanding of the local sales channel and the demands of local market through the show,” states Alex Kuo, Chairman, Taiwan Association of Machinery Industry (TAMI).

With the same goal

At DMTX 2019, TAMI is leading a delegation of three Taiwanese companies with the exhibition area of 53 sq mt. They are TONG-TAI (Hall & Stall: 15/625), HONOR SEIKIE



Source: TAMI

“All the participant Taiwanese companies have different products and purpose for attending the exhibition. But we do have one same final goal. We value the market of India and are eager to know more about the local customers.”

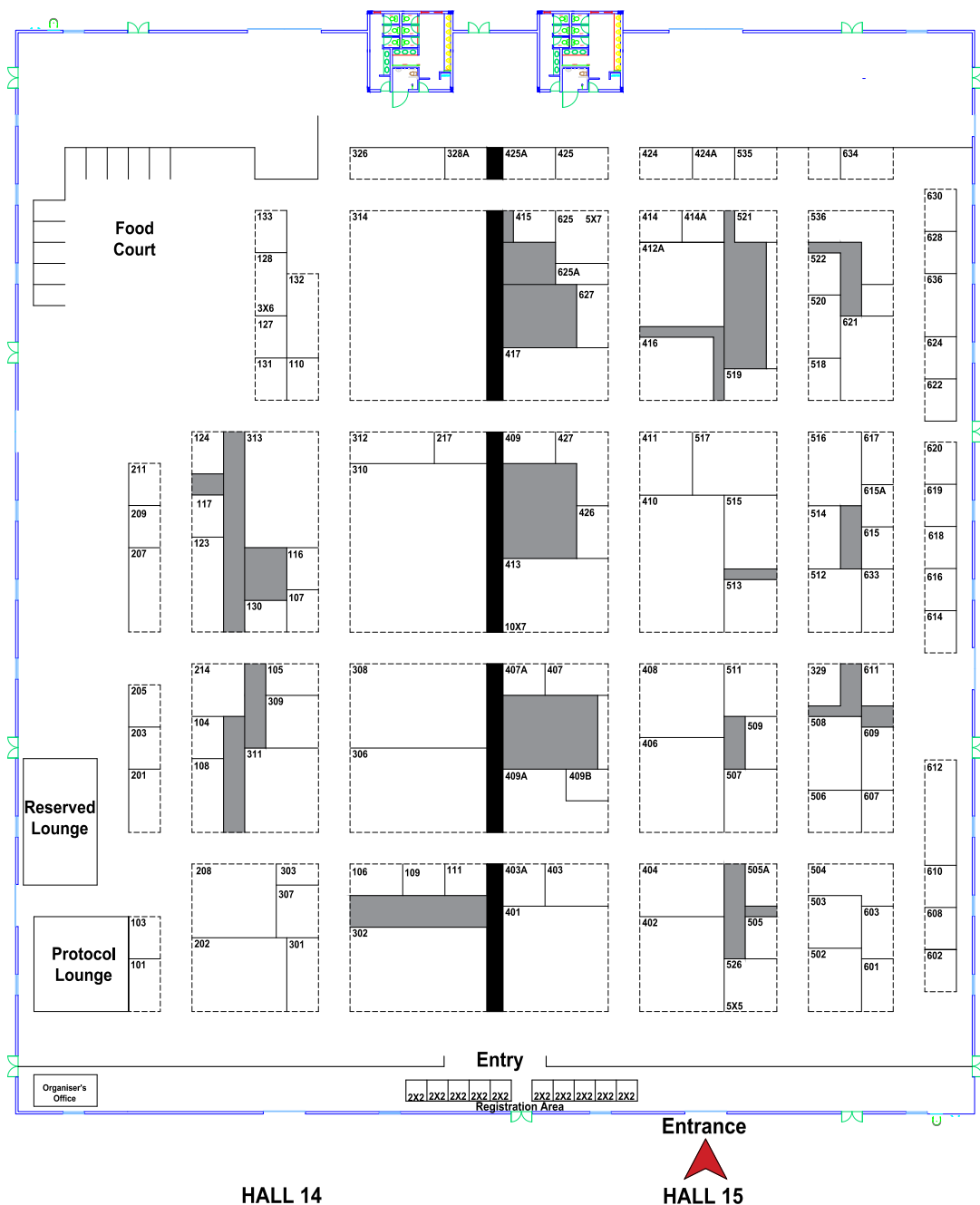
Alex Kuo
Chairman
Taiwan Association of Machinery Industry (TAMI)

(15/625A), CHAIN-HEADWAY (15/627). “Each of them has different products and purpose for attending the exhibition. But we do have one same final goal. We value the market of India and are eager to know more about the local customers,” sums up Kuo.



Source: Magic Wand Media

Floor Plan



HALL 14

Entrance
HALL 15

Exhibitor list

Company Name	Stall No
A.V. Engineers	508
Abbott Toolfast Pvt. Ltd	612
Abexmatic Hydraulics Pvt Ltd	217
Ace Micromatic Group	306
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ALMTI	209
Anand Engineers Pvt. Ltd	512
Anil Bearing Company	414A
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Banbros Engineering Pvt Ltd	636
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Beijing CTB Co., Ltd	127
Bettinelli Automation Components Pvt. Ltd	617
Birla Precision Technologies Ltd	520
Blum Novotest Measuring And Testing Technology Pvt.Ltd	312
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Chain-Headway Machine Tools Co., Ltd	627
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Company Name	Stall No
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JVR Enterprises / Eastman Impex	615A
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Solidcam Software India Pvt. Ltd	414
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SriYantra Engineers Pvt. Ltd	301
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Tongtai Machine & Tool Co., Ltd	625
Tsugami Precision Engineering India Pvt. Ltd	308
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UCAM Pvt. Ltd	402
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Yushiro India Company Pvt. Ltd	526
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Machine Tools

Recognizing Opportunities

One of the largest machine tool manufacturing companies in India, PMT Machines Ltd deems DMTX as a significant opportunity to reach out to the manufacturing companies of the Northern region and beyond.

DMTX 2019, organized by IMTMA, is the most prestigious exhibition of machine tools of North India, believes PK Bhatia, Vice President – Marketing, PMT Machines Ltd. “The show helps us in interacting directly with machine tool buyers from North India and understand their requirements. The show will ultimately help us in increasing our sales,” he adds. Speaking on the importance of the North Indian market, he shares, “North India has always been a very good market for machine tool manufacturers. For PMT too it makes for a large proportion of our overall sales volume.”

Target audience

“A vast number of automotive OEMs, auto

component manufacturers, consumer durable manufacturers and exporters of a variety of machined components are located here in the region,” notes Bhatia. These make for the company’s expected visitors at the show. Other than the above, gear and shaft manufacturers, railway workshops and production units, and ordnance factories are also keenly awaited.

PMT Machines’ displayed machines at DMTX 2019 include:

- Single Spindle Automatic Lathe Machine Model A-25 with Double Drilling attachment to produce stepped bores.
- Single Spindle Automatic Lathe



Source: PMT Machines Ltd

Machine Model A-25 with synchronised drive attachment. It is used for the production of components which have to be parted off without leaving a burr.

- Single Spindle Automatic Lathe Machine Model A-25 with big high-speed Drilling attachment. This enables drilling operation of very small bores done at high rpm of up to 6,000 rpm.
- PMT Single Spindle Automatic Lathe Machine Model A-60
- PMT CNC Turning Lathe machine model Supercut-5 with Mechanical Bar feeder. With this configuration, one can do bar work of small turned components.
- PMT CNC Turning Lathe Machine Model GT-25 With Auto Loader. This is specially designed for CNC machining of small components where manual loading and unloading is difficult.
- PMT Conventional Surface Grinding Machine Model SG-42. The machine has a compact and rigid design with optimal floor space requirement.

New product from PMT

CNC Gang Tooling Turning Machine



Source: Magic Hand Media

“It is very important and beneficial for us as a machine tool builder to participate in DMTX. It gives us an opportunity to present our latest offerings to the manufacturing companies not only from Delhi / NCR, but also from whole of North India.”

PK Bhatia
Vice President – Marketing
PMT Machines Ltd

Model GT-2A is the newest offering from PMT.

It’s a compact vertical linear block tool CNC Lathe. Its features include: C-axis feature for slot, drill and key way milling; Compact foot print 2.5 sq mt; Bar feeder as well as chuck or collet work holding; Magazine, type automation custom made; Integrated machine panel, lubrication, and hydraulic unit; and Collet option DIN 6343 or 5 C pneumatic or hydraulic operated. “The custom tooling design cell at our source companies is one of our support systems. Our understanding of customers’ requirements has enabled us to deliver the best tooling they require to help them excel in their operations,” shares Bhatia. The company is displaying almost a hundred of its products at DMTX 2019.



Source: Magic Hand Media

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DMTX 2019 SHOWDAILY™

Delegate's Perspective



Source: Magic Hand Media

“We are basically the procurement arm for the Indian Railways Plants. A centralized organization, we are in the process of modernizing the plants and, hence, are procuring the latest machinery and technology for the same. We have come to explore the latest in technologies, and have zeroed in on things useful to us. It is a miniature version of IMTEX and similarly well-organized. The people manning the stalls have the requisite knowledge to explain their products in detail.”

Sanjay Goel
Chief Mechanical Engineering,
Procurement, COFMOW

CNC Lathes

UNITURN 400 HD

UNITURN 400 HD is a slant bed CNC Lathe to meet varied needs of customers from different industrial sectors like automobile, defence, medical, pumps & valves and other general engineering applications.

UNITURN 400 HD from Gedee Weiler best exemplifies rigidity, precision and flexibility all in one go. The machine is capable of machining a wide range of parts of various materials having a diameter up to 200mm and a length of 400mm. Its features include:

- Rigidity:** • Equipped with best-in-class size LM Roller Guides with wide span, the machine is highly rigid.
- Precision:** • A wide range of spindle sizes (A2-4, A2-5, A2-5 LB and A2-6) and spindle Power (3.75Kw/ 5.5Kw/7.5Kw) are available to suit the needs of customers. • Specially designed circular headstock without thermal distortion and expansion fitted with precision angular contact ball bearings and roller bearings enable it to take up high axial and radial loads. This coupled with the legendary spindle precision of Gedee Weiler (< 0.003 mm) delivers unmatched precision on components.
- Flexibility:** • Uniturn 400 can be offered optionally with live tool turrets of 8 station or 12 station of Indian or imported makes. • The company’s rich experience in offering special workholding devices, angular tool heads, bar pullers, parts catchers, high pressure coolant systems, etc. makes the machine flexible to suit customers’ varied needs.

Gedee Weiler Pvt Ltd
www.gdweiler.com
Hall & Stall: 15 / 416



Source: Gedee Weiler Pvt Ltd

CNC Machine Tools

Transforming Plans into Reality

With North India being the most potential market for Hurco India, the company has focussed business plans for it.

“DMTX is important for us in many aspects,” says Sanjib Chakraborty, Managing Director, Hurco India Pvt Ltd. “The new government is more focussed on road and rail infrastructure development and new start-ups. Also, a new road transport policy is awaited which will provide a fillip to automotive and construction equipment business by October. This will push the demand for new tools/moulds and prototypes,” he explains. “People are enhancing and modernizing their present manufacturing facilities.

Our main targeted area is a production sector with High-Mix-Low-Volume. Our high-performance machine models BX series, DCX series, 5-axis VMCs, multi-tasking machines can offer the best machining solution to our customers,” adds Chakraborty.

Showcasing VMX42HSRTi

At DMTX 2019, Hurco is displaying its 5-axis machine model – VMX42HSRTi, which is the most versatile machine available in the market. It can be used like

a 5-axis simultaneous, 3+2 axis machine, 3-axis. It comes with a Tilting and Submerged rotary table of Dia. 600 mm and a total bed size 1270 mm x 610 mm.

Its features include:

Versatility: The large rotary table provides versatility that allows you to use the extra table space for secondary operations or 3-axis work. The machine can serve various industries like die & mould, aerospace and general engineering. It can be used for machining of parts where one requires a 90-degree positioning.

For heavier parts: Usually weight carrying capacity is always a challenge, when it comes 5-axis machine. VMX42HSRTi can carry a weight of up to 1.36 tonne. Because the table is stationary, the swivel head/rotary table 5-axis machining centres are typically preferred when machining heavier parts.

Better chip control: With the swivel head/rotary table configuration, one can run the machine horizontally and gain better chip control.

Unlimited angular movement of C-axis. With a swivel head/rotary table



Source: Magic Hand Media

“Our main targeted area is a production sector with High-Mix-Low-Volume. Our high-performance machine models BX series, DCX series, 5-axis VMCs, multi-tasking machines can offer the best machining solution to our customers.”

Sanjib Chakraborty
Managing Director
Hurco India Pvt Ltd

5-axis machining center, it is extremely important to make sure the table (C-axis) supports unlimited angular movement. “For example, if you are machining down a steep wall and going around the part, the table needs to rotate in a continuous motion. If the C-axis is limited to +360 / -360 degrees of motion, it will literally need to unwind at regular intervals to machine the part. Conversely, the tables on the Hurco SR 5-axis mills are built with unlimited and continuous rotation because our focus from design to delivery is to maximize productivity and profitability for our customers,” explains Chakraborty.



Hurco India Pvt Ltd
www.hurco.com
Hall & Stall: 15 / 408

Source: Magic Hand Media



Jyoti CNC Automation Ltd
www.jyoti.co.in
Hall & Stall: 14 / 314

Source: Jyoti CNC Automation Ltd

CNC Vertical Machining Centers

T-Base VMC Performance Large Series

To match greater accuracy with stability during the cutting of large-sized components, Jyoti CNC has developed the VMC 1580.

With a unique concept of T-Base construction, the VMC 1580 sustains vibrations and balances the machine against heavy cutting load and higher machining parameters, delivering optimum surface quality during demanding cutting conditions. The machine structure offers a base support till extreme ends which avoids overhanging problem for heavy workpieces. Triangular Saddle and Step-up bed with widely spaced guideways provides additional structural stability and excellent strength for the entire Y-Axis movement. Broad column construction up to 50 percent height of the column helps better stability during extreme Z-Axis stroke. One side slope design helps efficient and easy free fall of chips into conveyor. Spindle with BT-50 option is available with higher torque suitable for applications in injection moulding, investment castings, shell castings, forging dies, pressure die casting, pattern making and production work.

CNC Tube Benders

For Complex Bending

5 Axes CNC Tube Bender, 38CNC5X3-Hybrid from Electropneumatics is designed to carry-out complex bending in a single setup.

The 38CNC5X3 has 3-radii bending capability by stacking 3 bend tooling with different bend radii. Bending head automatically adjusts its position vertically for different bend dies and laterally for different radii of bend. In case of less distance between successive bends, the component needs to be first bent with straight clamp in lower stack tooling and for subsequent bends in compound clamps having shapes of previously bent profile of pipe in upper stack. The machine is servo hydraulic pump driven having advantages of 40 percent energy saving, reduced noise level, less heat generation and cooling requirement for hydraulic oil, low maintenance, etc. The machine can be equipped with optional features such as anticipated mandrel withdrawal system for bending of thin walled tubes, roll bending facility for large bend radii, carriage boost for bending of tight bends (less than 1.5D up to 1D), anti-collision simulation software, etc.

Electropneumatics & Hydraulics (I) Pvt Ltd
www.electropneumatics.com
Hall & Stall: 15 / 413



Specifications		
Max. tube capacity (D x t)	38 mm x 2.6 mm (ferrous tubes UTS 45 kg/mm ²)	
Axes drives	Electric AC servo	
Programmable axes	Max. Speed	Repeat Accuracy
Push (DBB) (Y axis)	1200 mm/s	± 0.1 mm
Turn (POB) (B axis)	360 deg/s	± 0.1 deg
Bend (DOB) (C axis)	180 deg/s	± 0.1 deg
Bend radius/lateral (ROB) (X axis)	180 mm/s	± 0.1 mm
Stack/vertical (Z axis)	150 mm/s	± 0.1 mm
CNC Controller	Electropneumatics make 'SmartBend CNC' with HMI (12.1" touch LCD monitor)	
Connected load	18.5 kW	

Workholding, Fastening and Lifting solutions Holding One's Own

Jergens India Pvt Ltd, a wholly-owned subsidiary of Jergens Inc., showcases its impressive range of offerings the second time at DMTX.

Jergens Inc., the parent company of Jergens India, is one of the world's largest manufacturers of standard tooling components. Its product list includes Workholding, Fastening & Lifting solutions. Jergens India is into trading of machine tool accessories since 2009. It has business bases in all major cities of India including in Northern states.

"We have been participating in all relevant machine tools shows pan India. The North India region is pivotal for automobile and other sectors. Hence, a machine tool show like DMTX is bound

to attract relevant industries. Such a platform is what Jergens and most companies find as a great opportunity to feel the pulse of the market, know about the industry trends, display their products and receive direct feedback from potential and existing customers," says Joseph Killukan, Managing Director, Jergens India.

"This is our second time at DMTX. We received an amazing response in the 2017 edition with very high footfalls. We have been receiving the same so far this time too and hope it gets better than the previous show," he added.

Product offerings

Jergens Inc. is a world leader in innovative fastening technology for a wide range of applications including setting the direction for Quick changeovers/setup time reduction. It offers different types of quick-change mechanisms, both manual and pressure operated. These include Ball Lock Mounting Systems, Zero Point Systems, Quick-Loc, and Drop & Lock.



Source: Magic Wand Media

Visitors' Voice



Source: Magic Wand Media

"MSMEs are an important component for all industries and they are a support system for machine building. Larger machines are based on smaller machines so on, and the cycle and the whole ecosystem have suppliers, components and sensors, that all together have to work. This is an opportune time when there are disruptions, and we are likely to face paradigm shifts. This surely is the right time to hold such an exhibition where MSMEs can come together and see what is happening around."

Vivek Nigam
Business Head - Machine Building Division
ISGEC Heavy Engineering Ltd



Source: Magic Wand Media

"We are into manufacturing of industrial partitions and fire retardant metal doors. This exhibition is quite beneficial to us. We have already made connections with architects and interior designers at the show. Among industrial products, we have come across various new types of lift-handlers, which are of great use to us. Apart from an exhaustive range of products, the exhibition has been arranged very well. It's highly comfortable to peruse the stalls and the exhibited products."

Harish Morya
Engineer Sales & Marketing
Synergy Thrislington

Machine Tools Making Oneself Known

Hagg Mill Store, one of the leading importers and traders of all kinds of CNC/VMC tooling, is making its presence felt at DMTX 2019 by displaying over a hundred of its products.

Noida-based Hagg Mill Store Pvt Ltd offers a complete range of tool holding systems and cutting tools for CNC/VMC machine tools with a sales network in more than 25 cities in India. "We specialize in offering appropriate solutions for tooling problems to boost productivity of our customers. We have participated in DMTX primarily to make ourselves known to relevant manufacturers of the region and beyond. A platform of this scale is ideal to showcase our products and get recognized in the machine tools

industry. We aim to find new customers through the show," says Sukhwinder Singh, Director, Hagg Mill Store Pvt Ltd.

Comprehensive product range

With an industry expertise of 14 years, the company's product range includes holding systems for conventional and CNC machines, precision cutting tools, solid carbide cutting tools, metal cutting tools. It imports and stocks Taiwanese carbide tools.

"The custom tooling design cell at our source companies is one of our support



Source: Magic Wand Media



Source: Magic Wand Media

"We have participated in DMTX primarily to make ourselves known to relevant manufacturers of the region and beyond. A platform of this scale is ideal to showcase our products and get recognized in the machine tools industry."

Sukhwinder Singh
Director
Hagg Mill Store Pvt Ltd

systems. Our understanding of customers' requirements has enabled us to deliver the best tooling they require to help them excel in their operations," shares Singh. The company is displaying almost a hundred of its products at DMTX 2019. "Industries such as automotive, machine tools, engineering, die and mould, and general engineering are our prime preferences at the show," he concludes.



Source: Hagg Mill Store Pvt Ltd

Delegate's Perspective



Source: Magic Wand Media

"DMTX is a highly useful exhibition. I have come to the show to see the types of automation components that we can use in the machines that we design. One gets to explore so many things all at one place and gain knowledge about the latest trends. There are many Indian manufacturers who are making components that we buy from abroad at a higher price. It's at exhibitions like DMTX that one can get to know about all the alternatives."

MD Asif Hussain
Design Engineer
Automation Engineering Department
Maruti Suzuki India Ltd

Rapid Profile Projectors Innovating to Stand Out

Dynascan Inspection Systems has its focus on Automotive, Aerospace, Medical, Electrical, Precision Manufacturing industries at the show.

The company is exhibiting four of its products at DMTX 2019 including Rapid Profile Projectors with next generation technology. "While a conventional Profile Projector involves inspection time of 10 to 15 minutes for the inspection of complicated parts with many measurements or reverse engineering of a component, the same can be done in 2 to 3 seconds with this new technology," explains Arun Kumar, CMD, Dynascan Inspection Systems.

The new Dynascan Rapid Profile Projector features advanced software for ACCEPT / REJECT decisions; PASS / FAIL Reports; and full SPC Data collection and analysis. The machines are

available in two models - Vertical and Horizontal, depending on the components to be inspected.

Both configurations are available with a series of Objective Lenses, from lower cost, fixed magnification lenses with a larger field of view to full CNC controlled, high magnification, Zoom Lenses. Both configurations are available with manual, motorized or full CNC Workstages.

Dynascan has received two awards at IMTEX 2019 for this new development and has also filed patent applications in India, the US, Europe and Japan for this technology. Live Demo of Dynascan Rapid Profile Projector Model RPP 400H can be seen at its stall at DMTX 2019.



Dynascan Inspection Systems Company
www.dynascan.co.in
Hall & Stall: 14 / 131

Source: Maggie Wand Media

Coolant Filtration Systems Unleashed Power of the ATOM

HYDAX Hydraulics Pvt Ltd is a pioneer company manufacturing hydraulic equipment in India. OEMs in the sectors of agriculture, construction, machine tools, material handling and mining and well as the large after sales market form the customer base of HYDAX. Extending its reach to the mass manufacturing segment, HYDAX started by acquiring the technology to make Electrochemical Deburring machines which have found applications in the automotive, aerospace and consumer goods industries. Coolant Filtration systems branded ATOM are our latest offerings to the manufacturing sector. These robust and mobile machines increase coolant life through aeration and, thereby, prolong tool life too. It enhances coolant tank maintenance and can be used as a maintenance machine on several machines and also as a continuous filtration system on one machine. The suction capacity is 180 lpm and outflow is 35 lpm along with a 36 litre swarf collection unit.

HYDAX Hydraulics Pvt Ltd
www.hydaxindia.com
www.hydaxmachines.com
Hall & Stall: 15 / 536



Source: Maggie Wand Media

MD Corporation
www.mdcorpindia.com
Hall & Stall: 15 / 507



Source: MD Corporation

Abrasive Waterjet Systems ProtoMAX by OMAX

OMAX is a total solutions provider in advanced abrasive waterjet systems. The standard system of ProtoMAX includes advanced abrasive waterjet system along with ProtoMAX Abrasive Waterjet Cutting Table; ProtoMAX 30,000 psi 5 HP Direct Drive Pump; Nozzle Assembly; Laptop with pre-installed Intelli-MAX Proto Software, Free Software updates for life and ProtoMAX Garnet Abrasive. The machine has a footprint of 41.5" x 39.5" and weighs (empty) 550 lb (250 kg). The upgrade package starts with the standard system and adds additional consumables such as spare mixing tubes, extra jewel orifices, and filters. This package features a powered Drain Water Filter Tank that helps filter the excess garnet and other debris from the tank water. Also included is the water spray kit, which helps cleaning the cutting area interior clean and is handy for cleaning freshly cut parts.

Vertical Turning Centers

LTV50 M for Complex Components

The LTV50 can be used for making complex components which have both turning and milling operations to be made in one setup.



Source: Lakshmi Machine Works Ltd

It can be used for making complex components which have both turning and milling operations to be made in one setup. The machine is robust to handle heavy depth of cuts and comes with dual speed spindle motor for high productivity. It can address the needs of the Industries like Aerospace, Valve, Agri and Earth movers, Automobile etc. It also caters to the machining needs of Foundry & Forging industry where many of the milling, drilling and tapping operations are performed in a single machine at a lower cost.

Lakshmi Machine Works Ltd
www.lmwglobal.com
Hall & Stall: 14 / 310

CNC Coordinate Measuring Machines

MiSTAR by Mitutoyo

The on-the-spot response CNC Coordinate Measuring Machine (CMM), MiSTAR 555 uses an open structure design with a cantilevered x-axis beam and enables users to easily install a workpiece from three directions for measurement: front, rear and right.

MiSTAR 555 offers environmental durability that helps achieves high-speed and high-accuracy measurement even at harsh machining sites without needing to create a special environment in the production area. It provides accuracy assurance under a wide range of temperatures from 10° C to 40° C and simplicity that requires only a 100 V AC power supply without an air source. Due to its flexibility, the installation area is reduced to approximately 70 percent from the conventional gantry-type CMMs. Visualization of information of measuring tools and instruments is required to monitor the operation state and prevent the system from shutting down. Mitutoyo has successfully developed SMS (Smart Measuring System), which is a technology that enables monitoring the operation state required by smart factories and providing monitor integration history for preventive maintenance. The MiSTAR 555 features this technology.



Source: Mitutoyo South Asia Pvt Ltd

Mitutoyo South Asia Pvt Ltd
www.mitutoyoindia.com
Hall & Stall: 14 / 208

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- > Insightful plant visits to renowned manufacturing companies
- > Learn & benchmark from best manufacturing practices
- > Listen to keynote presentations from industry leaders
- > Learn innovative approaches to address productivity challenges
- > Exchange new ideas & concepts - Knowledge networking
- > Ideal platform to interact and network with several manufacturing professionals

Industry Leaders speak

 Mr. Vipin Sondhi Managing Director & CEO JCB India Limited	 Mr. Bhaskar Bhat Managing Director Titan Company Limited
 Mr. G. Parthipan CEO Rane TRW Steering Systems	 Dr. Babu Padmanabhan Managing Director Steer Engineering Limited
 Mr. Sandeep Maini Chairman Maini Group	

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Registration for participation must be made online only. To register online, log on to www.productivity.itmta.in. For details or any queries/clarifications during 'Online registration' process, contact Abhishek, tel: (080) 66246829, (abhishek@itmta.in) Prashant Kulkarni, tel: (080) 66246805, (prashant.k@itmta.in) Mobile: +91 9886611007

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Industry Voice



Source: Magic Wand Media

“ We have been participating in many regional exhibitions, which are highly profitable for us. Formerly DMTX used to take place at Pragati Maidan, now it has come to Noida. This way the accessibility has improved. Also, serious buyers are turning up this edition. Regarding the sentiment in the manufacturing industry, it is true it is a bit slow now, but the future surely stands bright, not only for our company, but also for other machine tool manufacturers too.”

Kabir Bhogilal
CXO - Corporate Strategy
Batliboi Ltd



Source: Magic Wand Media

“ This is our second time at DMTX. Although the market is slow, this is the time when people look for new technologies and new ways of working. Hence, we expect higher footfalls as the days proceed. So far, we have received quality visitors. The venue is very good with great infrastructure and logistics.”

Gaurav Sarup
Managing Director
Marshall Machines Ltd



Source: Magic Wand Media

“ We have been participating in DMTX and can observe evident remarkable changes this time around. The show has definitely evolved over time. Technology-wise one can see there has been a lot of development. We are displaying machinery with more automation. The response has been amazing from the visitors. We received 20 prospective customers on the first day itself and all were quality visitors.”

K Soundhar Rajhan
Director, Operations
Business Head – MTD, Foundry & ATC
Lakshmi Machine Works Ltd



Source: Magic Wand Media

“ We manufacture Pneumatic Marking, Laser Engraving and Cutting machines. This is our second time at DMTX. There are changes from the last time in terms of location, footfalls and visitor quality. The show has become much more focussed now and has attracted relevant and niche high-quality visitors. Our target here is to gain brand exposure and make our technology solutions known, which we are very well achieving.”

AP Singhal
Proprietor
Emtex Manufacturing

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