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Inspection Systems

Innovating to Win

Dynascan Inspection Systems Company believes in the potential of regional trade expos and hence it is here at CMTX 2019 to make the most of it.



Source: Magic Wand Media

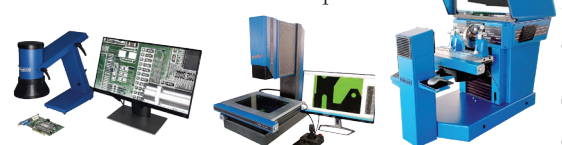
Established in the year 1984, Dynascan Inspection Systems Company is one of the leading manufacturers and exporters of a wide range of Profile Projectors, Video Measuring Systems, Video Projectors and Inspection Systems.

Excited to be part of CMTX 2019, Srinivas Chander, Technical Director, Dynascan Inspection Systems Company, states "The show is an ideal platform to showcase our offerings. It helps us to reach out to the customers who are pro-actively looking for a deal, which results in we collecting more leads. It is an opportunity for the brands to stand out in the industry, be able to reach out to a broader crowd and make them aware of their products and services."

At the event, the company expects maximum visitors from industries including Automotive, Aerospace, Medical, Electrical, and Precision Manufacturing.

Constantly innovating

The company is exhibiting four of its products at CMTX 2019 including Rapid Profile Projectors with the next generation technology. While a conventional Profile Projector involves inspection time of 10 to 15 minutes for the inspection



Source: Dynascan Inspection Systems Company



Source: Dynascan Inspection Systems Company

"Regional trade exhibitions are open to a broader and a diverse range of audiences. This offers a significant opportunity to promote our products and services to this group that may have little or no knowledge of them."

Srinivas Chander
Technical Director
Dynascan Inspection Systems
Company

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 Chander.

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 are available with manual, motorized or full CNC Workstages.

Dynascan received two awards at IMTEX 2019 for this new development and the company has also filed patent applications in India, the US, Europe and Japan for this technology.

Regional expos help expand

Chander highlights the role of regional exhibitions in reaching out to potential customers. "These exhibitions are open to a broader and a diverse range of audiences. This offers a significant opportunity to promote our products and services to this group that may have little or no knowledge of them," he adds.



TECHNOLOGY @ work



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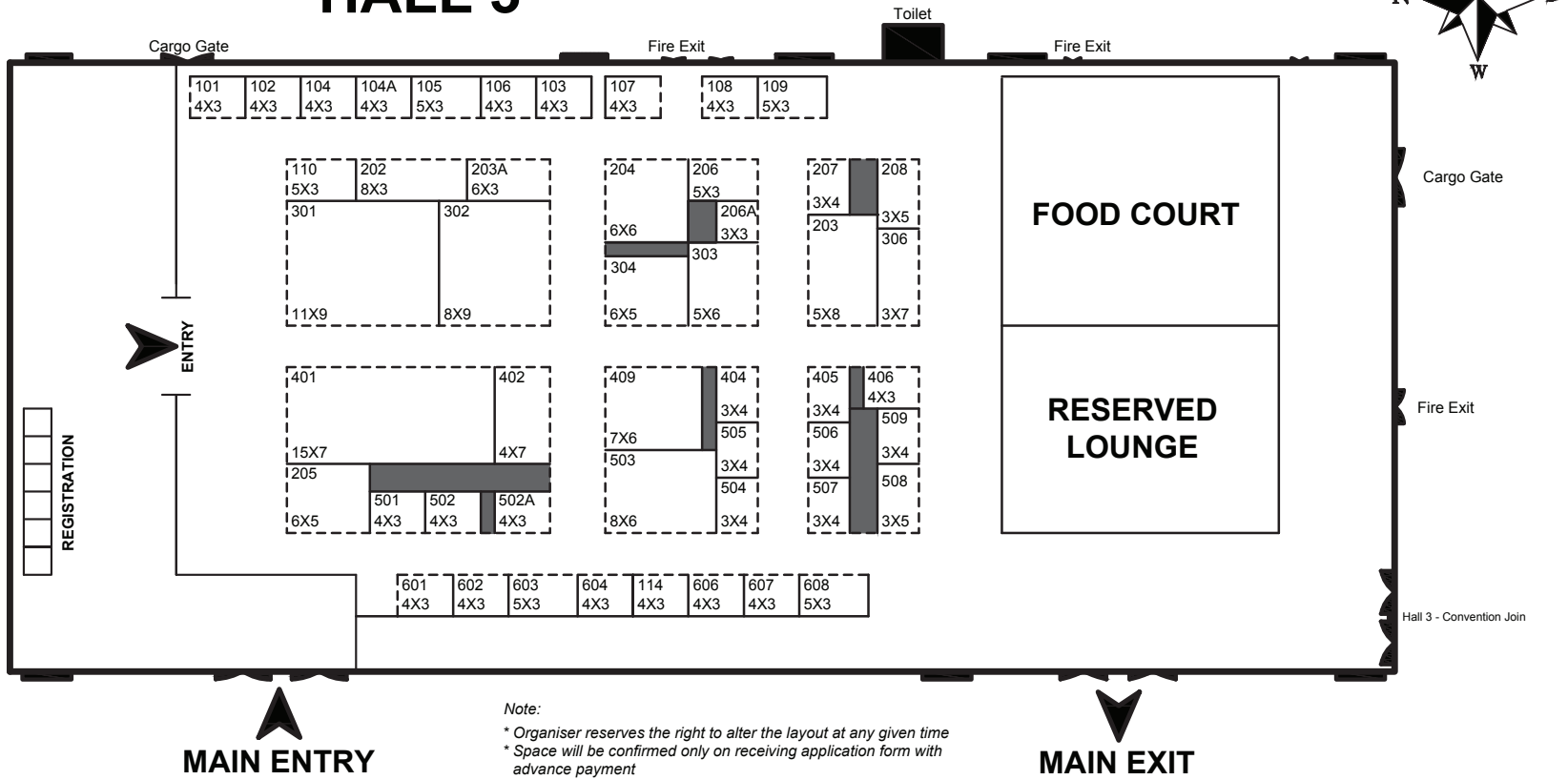
Venue



www.imtex.in

Floor Plan

HALL 3



Exhibitor list

Company Name	Stall No
RAJAMANE INDUSTRIES	101
SETCO SPINDLES INDIA	102
VLOGIX TECH	103
KABELSCHLEPP INDIA	104
RINGSPANN	104A
NRB-IBC BEARING	105
EASTMAN	106
UNITY GAUGES	107
XTREME COOLER	108
SEALANT ENTERPRISES	109
ECOCLEAN MACHINES	110
DOSATRON INTERNATIONAL	114
PMT MACHINES	202
MTAB INDIA	203
RIYA ELECTRODS	203A
ACCURATE GAUGING	204
EPSON INDIA	205
IMTMA	206
CAPITAL GOODS SKILL COUNCIL	206A
BATLIBOI LTD	301
UCAM	302
NEWTECH	303
ANAND ENGINEERS	304
DE NEERS	306
MICROMATIC MACHINE TOOLS	401
SMW	402
MILLENNIA TECHNOLOGIES	404
MOGORA COSMIC	405
PRAKASH MACHINE	406
MEIBAN ENGINEERING	409
ITL INDUSTRIES	501
NISHA ENGINEERING	502
ZENTRON LABS	502A
INNOVATIVE CONCEPTS	503
RAVISON'S CORPORATION	504
FARO	505
ABV ENGINEERS	506
MDL VISHAL INDIA	507
DYNASCAN INSPECTION	601
FERRO FOUNDRIES	602
BIRLA PRECISION	603
MACROCUT SOLUTIONS	604
DEVSON	606
GISHNU	607
NEELKANT POWER	608

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3. Overall Equipment Effectiveness (OEE)
4. Selection, Assembly and Trouble shooting of Linear Motion Guideways
5. Selection, Assembly and Trouble shooting of Ball Screws
6. Fundamentals of Painting and Coating applications

And many more to come....

IMTMA Technology Centre
Indian Machine Tool Manufacturers' Association
10th Mile, Tumkur Road, Madavara post, Bangalore - 562 123
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Manufacturing Software

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vLogix Tech Pvt Ltd
www.vlogix.tech
Hall & Stall: 3 / 103

vLogix Technologies offers Digital Solutions that can help manufacturers achieve invaluable gains.

VLogix Technologies enables its customers to go through a successful Digital Transformation journey in areas such as Process Automation, Decision Support, Transaction Visibility, Data Analytics, Machine Visibility and Control. The company understands its customers' business challenges and investments made and offers tailored Digital solutions to empower them to generate higher returns and deliver more value to their customers.

Agenda CMTX 2019

Vignesh Rajasekaran, Managing Director, vLogix Tech Pvt Ltd, states, "Industry 4.0 technologies are poised to achieve a lot of takers in the coming years. According to the report by Zion Market research, the global Industry 4.0 market is expected to reach approximately \$155.30 billion by 2024. Hence, as a software solution provider, we want to be part of the Digital Transformation of manufacturing companies and be in the win-win situation. So, we are expecting a high footfall with a great product reach at CMTX 2019. We look forward to getting connected with manufacturers specializing in Machining, Turning and Grinding from Automobile, Industrial Pump and Energy (Oil & Gas)."

On the display

vLogix Tech is displaying the following at the event:

SmartRun 4.0 – A modern Industry 4.0 enabling software-based solution. IoT Demo includes IoT Gateway, PLC, HMI, induction motor, Mobile App and Visual QC methods. Dashboard solution for real-time reports and alerts.



Vignesh Rajasekaran, MD, vLogixtech presenting a demo at CMTX

VividERP – A customizable ERP to standardize Business Process Operations. Modules include Production, Sales, Quality, Inventory, Maintenance, Task Management, Gate Control, MIS-Reports and more. It has integration capability with other systems including SAP, Tally, Orion etc., Dashboard solution Operations and Financial Analysis.

Drilling, Milling, Tapping Machines

From Prakash Engitech's Stable

The Drill Tap and Endmill Cutter Re-sharpening Machine from the company is an import substitute product. It is a combination machine that can re-sharp the Drill Tap and Endmill cutter. It is designed to get an accurate drilling point for reducing thrust load of the machine that helps in less power consumption and making holes in close tolerances in regular HSS Drills. The perfect geometry of the drill bit allows the users to get maximum return on their investment, reduce the cutting time and get maximum production in minimum time.

The AXIOS Flexible Arm Tapping Machine

is fast, reliable, safe and accurate. It promises the tapping accuracy of the Go/No-Go gauge. The machine comes with 3 modes of Tapping:

Manual, Auto and Peck. It offers the capability to do tapping on any material of any size and comes in different sizes ranging from 2 mm to 48 mm.

Prakash Engitech Pvt Ltd
www.prakashmachines.co.in
Hall & Stall: 3 / 406



Source: Prakash Engitech Pvt Ltd

Delegate's Perspective



Sarvanan, HR Manager, Delphi TVS Technologies Ltd along with the team

Well-Organized Show

"I have been accompanied by a batch of our young engineers who have just joined our company after their graduation. The idea is to make them aware of the latest machine tools technologies and how can they be utilized to ease our product development processes. Our engineers have already picked up several new concepts from the show. The exhibition has been very well organized. The stalls are being manned by competent and knowledgeable people who have helped us grasp the new technologies."

Sarvanan
HR Manager
Delphi TVS Technologies Ltd

Welding Equipment

Mogora Cosmic's Welding Portfolio

The company is showcasing its path-breaking welding solutions at CMTX 2019.

FOCUS ARC DIGIMIG (DP) Series: This flagship series has been indigenously developed this year and has been featured like Double Pulse MIG, Pulse MIG, Focus Pulse Mig, Brazing and many more. The Welding output in double pulse Mig mode is a scaled weld and welding quality is similar to TIG Welding process. Its welding speed is as high as in MIG welding. The user can manipulate the scaled weld. The product enables reduced heating up of the materials, reduced undercuts, and delivers excellent quality with zero rejection. Two different currents can be mixed in the double pulse to generate: 1. Vertical MIG (PF) without Christmas tree hand movement; 2. Joining of dissimilar materials. It allows welding of pure aluminium and aluminium alloys, Inconel, and SS with ease.

WELDING SIMULATOR (Real Arc): Welding Simulator, LIVE ARC-RMI is a new and innovative reality-based training system which can interface with a real machine. It delivers training in two steps: first with micro arc and second with real machine interface. It supports three different welding processes such as MMAW, GMAW, GTAW. The simulator is designed to train, screen, recruit, requalify and manage the performance of a welding trainee. It is claimed to be better, faster and more effective than any conventional training methods. Its unique motion tracking technology provides a trainee's critical feedback like arc length, welding speed, angle of torch (X & Y), welding voltage, welding current, and wire feed speed. The system provides the welding instructor the ability to configure assignments and technique parameters. It stores the performance record of the trainee for future evaluation. It complements the instructor by reducing both the training time and the cost of the materials while accelerating the performance. The simulator can be interfaced with real welding machines like MIG, MMA, TIG to measure the actual welding time parameters.



Mogora Cosmic Pvt Ltd
www.mogora.in
Hall & Stall: 3 / 405

Source: Mogora Cosmic Pvt Ltd

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Power Transmission Components and Clamping Fixtures

Exercising Power

Ringspann Power Transmission India exhibits its best at CMTX 2019.

Founded in 2011, Ringspann Power Transmission India Pvt Ltd is a 100 percent subsidiary of Ringspann GmbH. The company is the market leader for Freewheels and Backstops and one of the leading suppliers of other Power Transmission Products in India. These include Shrink Discs, Cone Clamping Elements, Industrial Disc Brakes, Force & Torque Limiters and Flange Couplings. The company is here at CMTX 2019 with the aim to showcase its innovative offerings to potential customers and strengthen its presence in the South India. "We look forward to meet visitors from the Auto, Gear box and Wind industries," shares Shreyas Ambedkar, Asst. Manager - Sales and Service, Workholding, Ringspann Power Transmission India.



RINGSPANN Power Transmission India Pvt Ltd
www.ringspann-india.com
Hall & Stall: 3 / 104A

Machining Solutions

Batliboi Celebrates Innovation

Body: Sprint 20TC LX: This high-precision CNC Turning Center Sprint 20TC LX from Batliboi is an ideal choice for small to medium size components machining. This machine comes with cartridge type A2 6 spindle nose, and is supported on a high-precision angular contact bearing in 3+2 combination which gives it high rigidity during cutting.



Source: Batliboi Ltd

Chetak 80 MC: The Chetak series Vertical Machining Centers are new well-balanced, high-speed, high-production machines that are ideally suited for both die mould and production jobs. This series is built with power and precision for fast cycle time. All major structure parts are made of high-quality cast iron that ensures high rigidity.

Batliboi Ltd
www.batliboi.com
Hall & Stall: 3 / 301

Metrology Solutions

Vantage^s Laser Tracker

With superior accuracy, exceptional portability and outstanding ruggedness, these Laser Trackers from FARO[®] make large-scale 3D measurement easy.

Intended for short-to-long range measurement applications of up to 80m, the Vantage^s Laser Tracker offers innovation in usability and a new, high-performance standard for laser trackers in large-scale precision measurement. The compact Vantage^s Laser Tracker offers industry-leading portability with an integrated master control unit (MCU), hot swappable batteries that eliminate the need for AC power and cabling, and industrial grade Wi-Fi for reliable, wireless communications. This set of advanced features, along with a single carrying case, enables easy transport between job sites, as well as locations within the factory by a single user. Featuring FARO's ActiveSeek™, the Vantage^s is able to quickly locate and lock onto a target — allowing the device to follow a moving target, even behind obstacles, and lock onto the target again when it is stable. The Vantage^s also includes FARO's unique RemoteControls™ workflow, which allows users to control functions such as live video feed and tracker movements with a mobile phone or tablet, thus increasing mobility and ease of use. Together, these features aid users in maximizing productivity and reducing inspection cycle times by 50-75 percent.



Source: Faro Business Technologies India Pvt Ltd

Faro Business Technologies India Pvt Ltd
www.faro.com/india
Hall & Stall: 3 / 505

CNC Rotary Tables

URX Series Rotary Tables

The new URX Series Rotary Tables from the portfolio of UCAM rotary table products enable users to give higher cutting forces onto the components, thus reducing the 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 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). In both the cases, users will be benefited by reduction in costs and improvement in productivity.



Source: UCAM Pvt Ltd

The URX series Rotary Table is available in four models: URX-180, URX-200, URX-250 and URX-320. 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 sizes up to 2,500 sq in horizontal mounting application are available as standard catalogue products.

UCAM Pvt Ltd
www.ucamind.com
Hall & Stall: 3 / 302

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@ Bangalore International Exhibition Centre (BIEC) 10th Mile, Tumkur Road,
Madavara Post, Bangalore - 562 123 Fax : 080 6624 6661
For details please contact : Abhishek (abhishek@imtma.in)
Tel: 080-66246829 / 6805, Mobile : +91 9886611007

Visitors' Views



Source: Magic Wand Media

"I read about CMTX 2019 in The Hindu newspaper. Having been to many exhibitions organized by IMTMA in the past, I could not have missed one closer to me. The exhibition has lived up to my expectations and I have already come across many innovations of my interest here including the grips. However, the organizers must keep in mind that the Ambattur area is closed only on Sundays. Thus, the show must be held on weekends too so that the people from the area can relaxedly attend it. It's a significant exhibition and hence all industrial people of Chennai and nearby places must get an opportunity to visit it to explore the latest in the field."

S Rabin, Business Development, Selvan Traders