



PUNE MACHINE TOOL EXPO™ 2018

27 / 28 / 29 / 30

September 2018
Auto Cluster Exhibition Center, Pune

Published by



Indian Machine Tool
Manufacturers' Association

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The region's biggest
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CNC MACHINING CENTERS

Exploring New Opportunities

With the Pune region being a major automobile hub, it brims with significant opportunities for the Coimbatore-based country's leading CNC Machine Tool manufacturer, Lakshmi Machine Works (LMW). The company has taken part in PMTX for the first time to explore one of its largest markets.



Lakshmi Machine Works' (LMW) Machine Tool Division Team at the company stall at PMTX 2018

Lakshmi Machine Works (LMW) Ltd knows the potential of being part of a show like PMTX. The Pune region is one of the largest markets for the company's impressive range of CNC Lathes and CNC Machining Centers as it is one of the automobile hubs of India. This is LMW's first time at the trade event but the company is well

versed with its reach, and hence has participated with considerable enthusiasm. "We have very high expectations from PMTX for creating contacts and getting a maximum number of orders and enquiry generation during the show," says Indraneel Bhattacharya, Vice President - Marketing & Sales, LMW, Machine Tool Division.

Best at display

"We are targeting the Automotive sector and its ancillary suppliers, as well as Die & Mould, Pumps & Valves and other Engineering sectors," he shares. The company is displaying three different models of machine tools at PMTX with the objective to attract a maximum number of customers and achieve order finalization and enquiry

generation for a significant number of its machine tools during the show.

The models displayed are:

- LTV 30-Turn Mill Center
- JV40 Vertical Machining Center

Source: Lakshmi Machine Works Ltd



LMW's CNC Horizontal Turning Center model LL30TL7 with FANUC Oi TF Control system

Continued from 1

- Horizontal Turning Center LL30TL7. This model is being launched at the show itself.

LL30TL7 caters to a variety of sectors

LMW has introduced CNC Horizontal Turning Center model LL30TL7 with A2-8 spindle nose and chuck size of 300 mm diameter. The machine has a maximum turning length up to 610

mm which helps to meet the requirements of automobile, pumps & valves, tools & dies and general engineering sectors.

The main motor power is 11/15 kW and speed 3,500 rpm. The machine employs high-precision roller linear motion guideways and large diameter pre-tensioned ball screws for the traverse axis.

The LL30TL7 comes with an 8-station Hydraulic turret, having a tool shank

size of 25x25 mm and a maximum boring bar diameter of 50 mm. The indexing time per station is approximately 1.5 sec. The LMW-designed and -manufactured 8-station Hydraulic Turret assures a higher degree of rigidity in all machining conditions. As an option, it comes with a Turnmill Center also. It has a tail stock with MT-5 taper. The tail stock is with Quill diameter of 85 mm and quill stroke of 120 mm. The tailstock base stroke is 475 mm.

The inclination of carriage is 30 degrees to the Horizontal plane. The cross travel (X axis) is 225 mm and longitudinal travel (Z axis) is 700 mm. Rapid traverse, X and Z axes is 24 m/min. With an outstanding chip disposal design, chips can be easily brought out through the coolant tank and the chip conveyor to the chip bin.

The weight of the machine is approximately 5,000 kg with a coolant tank capacity of 150L. The machine is fitted with FANUC Oi TF Control system.

Lakshmi Machine Works Ltd (LMW)

Machine Tool Division

www.lmwcnc.com

Hall & Stall: A / A - 104



Source: Magic Wand Media Inc

"We are targeting the automotive sector and its ancillary suppliers, and also die & mould, pumps & valves and other engineering sectors at PMTX 2018."

Indraneel Bhattacharya
Vice President -
Marketing & Sales
LMW
Machine Tool Division

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CUTTING OILS

Chlorine-free Neat Cutting Oils

HAKUFORM Neat Cutting Oils are manufactured by hydro cracking and catalytic dewaxing processes which provide the base of the oil superior anti-oxidation properties and virtually make all hydrocarbon molecules become saturated (more than 90%). Higher saturated hydrocarbon content in HAKUFORM neat oils considerably reduces evaporation and oil misting losses. Chlorine-Free Extreme Pressure additives provide excellent tool life without compromising on environmental norms and risks associated with conventional chlorinated neat oils.

Advantages abound

HAKUFORM Neat Cutting Oils provide benefits including:

Group II Base Oils: Lower evaporation and misting losses, and lower consumption

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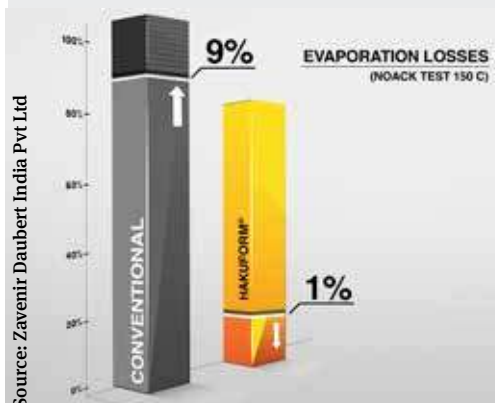
Multi-function and Multi-metal compatibility: Low inventory costs and ease of logistics.

Zavenir Daubert India Pvt Ltd

www.zavenir.com

Hall & Stall: B / A-103

Higher saturated hydrocarbon content in HAKUFORM Neat Cutting Oils considerably reduces evaporation and oil misting losses.



Source: UCAM Pvt Ltd



UCAM's latest light-weight URX series CNC Rotary Tables are ideal for heavy-duty milling and drilling operations.

ROTARY TABLES

Customer Engagement Matters

Country's leading manufacturer of Precision CNC Rotary Tables, Index Tables and Pallet Changing Systems, UCAM Pvt Ltd is displaying its latest innovations at PMTX 2018. A sneak peek before you head for its stall...

On why regional shows like PMTX are important for the company to participate in, Vijay Zaritaklikar, National – Sales Head, UCAM, states, "Customers make a point to visit regional exhibitions like PMTX. The show is for 4-5 days generally. Due to this, not only the decision makers, but also the opinion makers, users like shop floor supervisors and operators make a point to visit and see the latest products on display. This enables us to engage with all levels of people which otherwise is very difficult."

URX series Rotary Tables

Since Pune is a major Automobile hub, the company is targeting Automobile and Auto component industry sectors at the show. The products on display at PMTX, namely its new URPX series Rotary Production Systems and USSR Series Tilting Rotary Tables are widely used by auto component manufacturers. These products reduce the number of set ups to machine a component which, in turn, reduces costs and increases profitability.

UCAM is also displaying its latest light-weight URX series Rotary Tab-

les, which are with very high clamping torque generated by the new technology brake discs that are specially processed to generate higher frictional torque. Also the clamping area is increased to generate higher clamping forces.

The URX series Rotary Tables are available in four models: URX-180, URX-200, URX-250 and URX-320.

In URX 200 Rotary Tables, 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 customers can give higher cutting depths for 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).

Apart from the clamping torque, the URX series is with a specially moulded FRP motor guard which has helped in the reduction of overall weight of the Rotary Table by 5 percent.

UCAM Pvt Ltd
www.ucamind.com
Hall & Stall: A / A - 108



Source: UCAM Pvt Ltd

"With regional shows being of 4-5 days, all levels of people from decision makers to operators, make a point to visit and see the latest products on display. This enables us to engage with them, which otherwise is very difficult."

Vijay Zaritaklikar
National – Sales Head
UCAM Pvt Ltd



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MACHINE TOOLS

Gaining Deeper Market Penetration

Leading engineering company, Batliboi needs no introduction in the machine tools space. It's making its presence felt at PMTX with its wide range of products.

Situated at Surat in India and Peterborough in Canada, Batliboi Machine Tool Group manufactures Conventional and CNC Drilling Machines, Conventional and CNC Milling Machines, CNC Vertical

Machining Centres, CNC Turning Centres and CNC Turret Lathes.

The Canadian subsidiary, Quickmill Inc. produces Gantry Drilling and Milling machines. The Machine Tool Group also sources leading global

brands of machine tools in the Indian market. This covers both metal cutting and metal forming machines.

Regional shows are important

On why regional shows are crucial to

the company, KM Dhilawala, Vice President – Production, Batliboi Ltd, says, “Regional shows are very important in our overall strategy to have deep penetration in the market.” At PMTX 2018, the company has its focus on Automotive, CVs, Tractors, Engineering, Moulds, Power, and Oil & Gas industry sectors. “In regional shows, so far the trend is to show fast moving products. I wish this trend changes in time as regional shows are becoming popular,” suggests Dhilawala summing up.

Batliboi Ltd
www.batliboi.com
Hall & Stall: A / A – 110



Source: Magic Wand Media

“Regional shows are very important in our overall strategy to have deep penetration in the market.”

KM Dhilawala
Vice President - Production
Batliboi Ltd

Batliboi stall at PMTX 2018

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.



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CABLE CARRIER SYSTEMS

Enhancing Brand Value

Kabelschlepp India has its range of cable carriers on display and expects to expand its customer base through PMTX 2018.

Kabelschlepp India Pvt Ltd supplies steel, high-grade stainless steel, solid plastic cable carriers and plastic cable carriers with aluminum supports (hybrid cable carriers), in standard sizes or tailor-made to customer requirements. Its product range covers all sizes – from small units of only a few millimeters in size for use in, e.g., inkjet printers, up to giant chains weighing several tonne used on oil rigs.

Leveraging PMTX

PS Ganesan, Director, Kabelschlepp India, talks on the expectations the company has from a show like PMTX. “We want to meet our existing and potential customers, and expect a heavy footfall at our stall that can enhance our brand value,” he shares.

“Most regional shows are organized around Delhi, Mumbai, Ahmedabad, Chennai and Bangalore. We hope this will enable our customers to interact closely with their potential suppliers,” he adds. The company’s target customers are majorly machine builders, crane manufacturers, and from SPM, and Robotics & Automation.

What's new

Kabelschlepp India is showcasing its Uniflex advanced series chains which are sold in huge quantities in India. Their stability and robustness is suited to all applications. They come in fixed or variable chain widths, and are for long or unsupported travels. Quiet and light-weight, they come in closed and easy to open designs. They can even be used in challenging conditions. They are heat-resistant and suitable for clean room environments.



“We want to meet our existing and potential customers, and expect a heavy footfall at our stall that can enhance our brand value.”

P S Ganesan
Director
Kabelschlepp
India Pvt Ltd

Source: Kabelschlepp India Pvt Ltd

Kabelschlepp India Pvt Ltd
www.kabelschlepp.in
Hall & Stall: A / A – 109

CNC MILLING MACHINES

Raising Awareness

Apsom Infotex, a distributor of technology products, is a keen participant at PMTX 2018. A look at what it has to offer and for whom...

Regional shows help in regional penetration and are ideal to reach out to a region's SMEs. Apsom Infotex Ltd aims the same at this edition of PMTX. It has participated for the first time with the hope to connect with quality visitors of the region.

"PMTX is the perfect choice for us to focus on the western part of the country. Here people from Mumbai, Vadoda-

ra, Surat, Aurangabad, Nashik and the industrial cluster around Pune city can come easily," says Dharmesh S Topkhanewale, AGM (Sales), Apsom Infotex.

"We look forward to meet serious visitors and also students who want to be informed on advancements in CNC Milling, CNC Engraving etc. Additionally, we are hunting for budding talent in 3D prototyping," he adds.

The company has its gaze fixed on Automobile and General Engineering Industries, R&D labs, Engineering Colleges, and Technical Institutes.

PMTX, a platform to get known

Apsom Infotex already has customers such as like Tata Motors Ltd; Godrej & Boyce Mfg Co Ltd; IIT Mumbai; and College of Engineering, Pune in the region. "We want people to know more about the machines and their applications. Our focus is to spread brand awareness on ROLAND in SRP technology i.e. Subtractive Rapid Prototyping," shares Topkhanewale.

"We are displaying and giving live demos on MDX50 Desktop and EGX30 Desktop Engraver with ROLAND's latest software at the event," he informs.

MDX-50 CNC Milling Machine

The MODELA MDX-50 is a fully automated, high-precision 3D milling machine ideal for fabricating design and working models, and in-house parts and jigs. With the included automatic tool changer and CAM software as standard and an optional rotary axis unit, the MODELA MDX-50 is capable of drastically reducing milling time and effort, and delivering true innovation to the design process.

The machine supports cuttable material resins such as chemical wood and modelling wax. Automatic tool changer has six tools, of which one is used in the detection pin. The machine has a brushless DC motor and spindle rotation is up to 15,000 rpm. It has a very simple operation control panel built by ROLAND. Rotary axis (optional) unit



Source: Apsom Infotex Ltd

"We look forward to meet serious visitors and also students who want to be informed on advancements in CNC Milling, CNC Engraving etc. Additionally, we are hunting for budding talent in 3D prototyping."

**Dharmesh S
Topkhanewale
AGM (Sales)
Apsom Infotex Ltd**

Source: Apsom Infotex Ltd
MDX-50 CNC Milling Machine

ZCL-50 enhances its use and makes it a 4-axis CNC milling machine.

Apsom Infotex Ltd
www.apsom.com
Hall & Stall: B / A - 102

PARTS CLEANING

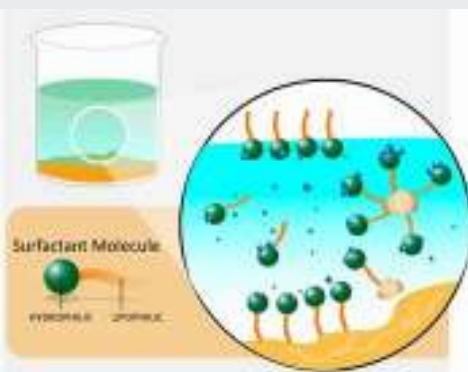
Aqueous Cleaning Solutions

HAKUPUR® cleaners harness the power of multi-functional power surfactants (combination of non-ionic and cationic surfactants) to deterge versatile organic and inorganic soils. Special dual effect action enables HAKUPUR® cleaners to combine the power of emulsification (carrying off the soil/dirt from the components) and demulsification (separating out soil/dirt from a cleaner to its surface for skimming) even at lower temperatures compared to conventional cleaners. HAKUPUR® Cleaners reduce the surface tension by adsorption at the liquid-gas interface. This dynamics induces superb cleaning effect without compromising on the critical factors for industrial applications such as foaming where bubbles or drops are rapidly generated and need to be stabilized.

A bevy of benefits

With features such as power surfactants, advanced surfactant technology, special additives, and dual-effect action, HAKUPUR® cleaners provide the following advantages:

- Superb cleaning effect
- No foaming even at high pressures
- Better surface preparation for rust protection
- Longer bath life.



Source: Zavenir Daubert India Pvt Ltd

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

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VISITORS' RESPONSE



"Quality participants"

I am here to understand the market share that Losma commands in the machine tool segment. Since machine tool manufacturers from all over the country are here, I am trying to understand the kind of product range is present for the automotive industry in the exhibition. My aim is to target the OEMs and other customers too. There are quality participants here, and hopefully I will be successful in convincing my people to exhibit the next time.

Santosh Gawade
National Sales Manager
Losma India Pvt Ltd



"Ideal way to learn about innovations"

I am here to see the new technologies displayed here. It's a great way to know of the innovations in cutting tools. Shows like PMTX are ideal to gain knowledge on the market.

Santosh P M
Assistant Marketing Manager
Hoshi Tools Pvt Ltd



"Well-organized trade expo"

The exhibition is highly organized. The 4-axis, 5-axis machinery displayed is worth viewing. The overall experience has been quite good. I have earlier visited IMTEX and get the same feeling at PMTX too.

Ashish Bhosale
Owner
Ashish Industries



"PMTX disseminates rich information"

Visiting PMTX has been quite an experience; I now know about the manufacturing machines that are newly launched in the market and have gathered information on their various features. The knowledge gained will bear fruit going ahead.

Sachin Sable
Shree Ganesh CNC Microtech
Pvt Ltd, Pune



"Highly impressed"

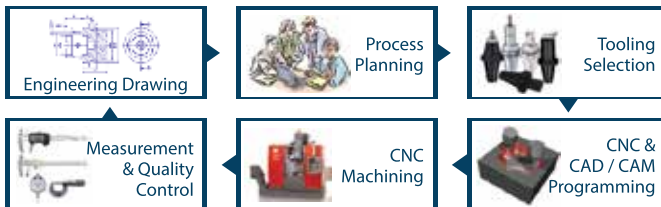
We are highly satisfied with the exhibition. We have come with the purpose to meet and network with the companies present here. So far, we are impressed with the innovative products displayed, and hope to gain substantially from the show.

Sujit Mohanpurkar
Director
Prohab Services LLP

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