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Concurrent Shows



SHOW DAILY

2024 AUGUST 16 17 18 19



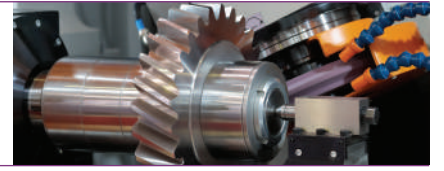
Empowering Industry Growth

The 8th edition of Hyderabad International Machine Tool & Engineering Expo (HIMTEX) is slated to repeat the event's success and fulfill its promise to be a hub of untapped opportunities and an ideal knowledge-sharing platform for the manufacturing fraternity. Organized by Hyderabad International Trade Expositions Ltd (HITEX), the highly anticipated industrial trade show is being held from August 16-19, 2024, at HITEX Exhibition Centre, Hyderabad.

India's manufacturing sector is experiencing significant growth, signifying economic resilience. The HSBC final India Manufacturing Purchasing Managers' Index (PMI) rose to 58.1 in July, up from 57.5 in May, indicating strong growth. Consequently, this has led to the fastest rate of hiring in over 19 years as manufacturers emphasize meeting growing workloads. Further instilling confidence is the consistent growth of the output and new order sub-indexes for three years, while international demand remains above the long-term average. With India making significant strides forward globally, this is a perfect time for Hyderabad International Trade Expo-

sitions Ltd (HITEX) to host the eighth edition of its flagship trade show, Hyderabad International Machine Tool & Engineering Expo (HIMTEX). The show has always been consistently serving as an ideal platform for bringing together stakeholders from myriad industry sectors, including machine tools, general engineering, robotics, automation, smart manufacturing, cutting tools, metal forming, and many more. Continuing its legacy, the upcoming HIMTEX 2024 will once again contribute towards transforming the manufacturing capabilities of Telangana as well as the neighboring regions.

To be continued on 2 ▶



“It is a matter of immense pride to showcase how India is spearheading innovations and upping the manufacturing game with awe-inspiring innovations. HIMTEX, through its platform, endeavors to contribute to this transformative journey of our country, and it is setting new benchmarks in the sector.”

Srikanth TG
Business Head
HITEX Exhibition Center

The event is powered by technology demonstrations, strategic sessions, and workshops, providing valuable insights and practical trainings, making it a must-attend for technologists, engineers, business owners, procurement and finance decision-makers, process engineers, quality control experts, and individuals from allied industries.

Participation in HIMTEX offers brands a comprehensive platform to enhance their visibility, connect with industry stakeholders, showcase innovations, and gain a competitive edge in the machine tool and engineering sector.

A Comprehensive Experience

The 8th edition of HIMTEX is co-located with events India Process Expo & Conference (IPEC) and EcoSustain Expo, covering the entire spectrum of the manufacturing ecosystem. While IPEC, in its 3rd edition, will be gathering the best in the process engineering sector, EcoSustain Expo will feature over 20 innovators showcasing groundbreaking solutions for a sustainable future.

Together, the shows are slated to host 450 plus exhibitors from 20 states in India and 15 countries. To provide a holistic experience and insight into the latest global trends and technologies to the participants, a knowledge-sharing conference has also been organized.

“The shows collectively offer an unparalleled platform for industry players, including MSMEs, to venture into new markets. The aim is to help them connect, explore innovations, and share insights,” adds Srikanth.

Advantage Hyderabad

The vibrant city of Hyderabad has transitioned into a business-friendly destination with booming business and industrial hubs, thanks to its strategic location, supportive Government policies, skilled workforce, and robust infrastructure. The city is attracting major investments in various Manufacturing sectors, including Aerospace, Defence, Auto Components, and Advanced Technologies like Artificial Intelligence (AI) and Industry 4.0.

Innovations on Display

HIMTEX 2024 will feature a wide array of exhibits, including Lathes and Machining Centers; Electric Discharge Machines (EDMs); Hydraulic, Mechanical & Pneumatic Presses; Drilling and Boring Machines; Milling and Grinding Machines; Gear Cutting and Finishing Machines; Assembling Systems & Industrial Robots; Special Purpose Machines; Instrumentation & Controls; Measuring and Testing Instruments; CAD/CAM Solutions; and Material Handling Equipment.



Boost Your Machining Productivity

CNC Rotary Tables



Large Size Rotary Tables



Solutions for Machine Builders



4th Axis Solutions



5th Axis Solutions



Value Added Accessories

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www.ucamind.com

Presenting World-Class Manufacturing Solutions

Experience our state-of-the-art solutions & groundbreaking technologies that propel productivity to new heights while ensuring exceptional quality.

Join us for live demonstrations



HIMTEX
Hyderabad International Machine Tool & Engineering Expo
Empowering Engineering Excellence

Stall : 1C09
Hall : 1

EXHIBITED MACHINES



DENER
MACHINERY

DDM5020

Servo Electric Press Brake



SKITEK

SK 900 CNC Mini Mill



K110T3200

CNC-Press-Brake

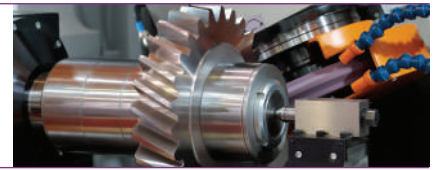
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MAKING TECHNOLOGY AFFORDABLE





CNC MACHINE TOOLS

Setting the Pace in CNC Mastery

Through several years, Jyoti CNC has developed a diverse range of products for various industrial sectors, including aerospace, defence, electronic manufacturing services (EMS), automation, and infrastructure. Given that these industries are among the most lucrative in and around Hyderabad, the company is confident that HIMTEX will play a crucial role in helping it connect with the right audience for future ventures.



Source: Jyoti CNC Automation Ltd

“HIMTEX 2024 presents a fantastic opportunity for discovering new possibilities in machine tools, engineering, robotics, and automation, and witnessing advanced technological developments. Over time, the event has evolved into one of the leading industrial shows in India, playing a crucial role in significantly enhancing the manufacturing skills of Telangana and the surrounding states,” says Suresh Kumar V, AVP-Sales, Jyoti CNC Automation Ltd, highlighting the show’s significance.

The company’s variety of products are designed for common applications across different industrial sectors, including Aerospace, Defence, Electronic Manufacturing Services (EMS), Automation, and infrastructure. “Given the fact that these are the most lucrative industries in and around Hyderabad, we are positive to engage with the target audience and demonstrate our products,” he adds.

Stellar Line Up in HIMTEX

AX 200 MY: The AX 200 MY delivers productivity solutions with flexibility and precision. This machine meets the existing market demand for multi-tasking and precision turning/turn-mill operations, producing world-class products ranging from simple turning and milling to complex multi-axis machining. The machine’s main spindle is an electro-spindle, enhancing productivity in a single setup. Most machines available in the market with a Y-axis feature a virtual Y-axis generated by synchronizing two axes. However, the AX 200 MY boasts an independent Y-axis, which eliminates errors in the milling of intricate shapes. The independent Y-axis simplifies programming and enables more accurate operations. The high-speed servo turret and live tool servo turret options provide flexibility, allowing users to choose between turning and turn-mill operations. Off-center machining with the Y-axis and milling of angled surfaces with the C-axis further expand the range of machining capabilities.

ABX 40: In addition to the classical machine building, Jyoti has also built application-focused specific machines to support the growth of production in the Manufacturing sector. Looking at the future growth of the Energy sector, the company has developed a simultaneous 5-axis machine ABX 40 to provide productive solutions for the blade

machining process by offering heavy depth of cut roughing to smooth finish of thin-walled turbine blades. The machine features a universal head and a twin rotary table. The arrangement is synchronized in such a way that the intricate blade speed can be machined into a perfect profile with enriched superfinishing. The robust machine structure and broad base column sustain the dynamic movement of the universal head and withstand the vibration during heavy cutting.

GU5 FIVE: GU5 Five is a gantry moving type 5-axis machining center. Huron Graffenstaden designers are known for the precision engineering capabilities that lead to the design of high-accuracy, high-speed 5-axis machines that can serve various industries like Defence, Aerospace, Automobiles, Health, and many other Precision Machining. Today’s machinists demand machines with the best dynamics, accuracy, and reliability in the 5-axis machining center segment. The GU series provides the perfect balance of advanced technology and return on investment. It contributes significantly to handling complex machining tasks with precision, efficiency, and versatility, making it a valuable asset in modern manufacturing environments. The GU series offers a combination of stability and high dynamics due to its gantry-moving structure.

The machine is designed with special care to allow easy approach and access to preventive maintenance checkpoints for lubrication, pneumatics, and proximities, which makes it operator-friendly. In addition, the electro spindle combines speed, torque, and power for a high chip removal rate and enhances productivity along with high accuracy. The machine’s cradle-type rotary tilting table offers 0.001° indexing. A mill-turn table is an optional feature to suit specific application requirements. Specially designed pick-up type ATCs with a 40-tool capacity allow faster tool changing, offering a tool-to-tool change time of just 3 seconds.

Jyoti CNC Automation Ltd is present at Hall & Stall: 2/2E20 at HIMTEX 2024.
For more information on the company and its offerings:
www.jyoti.co.in

Precision at all altitudes

ZEISS Aerospace Solutions

ZEISS INSPECT Airfoil

ZEISS INSPECT will help you ensure that everything runs smoothly in terms of blade geometry. The software analyzes both optical and tactile measurement data from coordinate measuring machines (CMMs) and is compatible with all common data formats.



ZEISS BOSELLO MAX

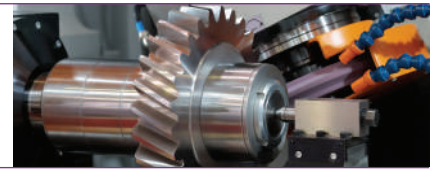
ZEISS BOSELLO MAX can be easily integrated both at-line or off-line. As a result of its robust design, small footprint, easy transportation and simple installation, it can be placed almost anywhere in your production environment.



ZEISS PRISMO Family

Available for ZEISS PRISMO 7/12/7 fortis, ZEISS CMM Acceleration Mode for Aerospace Applications comprises a pair of options known as ZEISS VAST Rotary Table Axis (ZVRA) and ZEISS VAST Rotary Table (ZVR) as well as a dedicated application support package cutting measurement times for blades and blisks by up to 70%





PRESS BRAKES

Innovating for Tomorrow

At HIMTEX 2024, S&T Engineers is excited to connect with attendees from key industry sectors, including manufacturing, aerospace, automotive, fabrication, electronics, and defence, which are vital to the region's industrial landscape.

For S&T Engineers, HIMTEX offers invaluable networking opportunities to foster relationships, gain insights into market trends, and enhance strategies. "Our participation in HIMTEX 2024 is driven by our commitment to innovation and excellence in the Machine Tool industry. This premier event provides us with a unique platform to showcase our cutting-edge products, such as the SK110T3200 Hydraulic Press Brake, DDS 5020 Ball Screw Electric Press Brake, and SK CNC 900 Mini Milling Machine, while engaging with industry leaders and potential customers," remarks S Chandra Sekar, Senior General Manager, S&T Engineers.

Tailoring Solutions for Industry



SK110T3200 Hydraulic Press Brake

This machine combines advanced technology with robust construction to deliver unmatched accuracy in metal forming operations. With its ability to handle a wide range of materials and thicknesses, the SK110T3200 ensures efficient and consistent results, meeting the stringent requirements of modern manufacturing.



DDS 5020 Ball Screw Electric Press Brake

Designed to minimize energy consumption while maximizing performance, this machine is ideal for fabricators and manufacturers looking to adopt sustainable practices without compromising on quality. Its intuitive control system and precise positioning capabilities make it a valuable asset in the manufacturing process, providing the reliability needed for high-volume production runs.



SK CNC 900 Mini Milling Machine

With its semi-covered design and high spindle speed of 6,000 RPM, this machine ensures efficient material removal and exceptional surface finishes. The SK CNC 900 is equipped with an optional ATC for 12 tools, allowing for seamless transitions between operations and increased productivity. Its robust construction and advanced features position it as a go-to solution for manufacturers.

Source: S&T Engineers

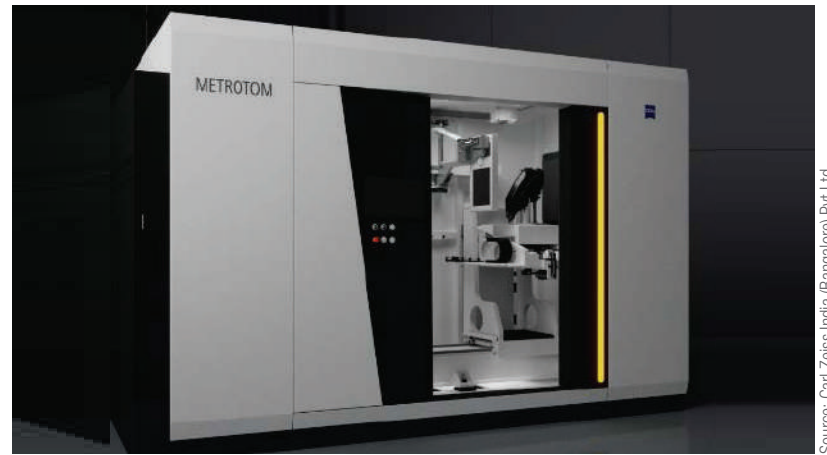
S&T Engineers Pvt Ltd is present at Hall & Stall: 1/1C09 at HIMTEX 2024.

For more information on the company and its offerings: www.stengineers.com

X-RAY SOLUTIONS

Bettering Image Quality

ZEISS scatterControl significantly improves the image quality of CT scans and reduces scatter artifacts to a minimum. These improvements enable subsequent data management and evaluation steps for suitable parts, resulting in even more accurate surface determination and defect analysis.



Source: Carl Zeiss India (Bangalore) Pvt Ltd

Carl Zeiss India (Bangalore) Pvt Ltd is present at Hall & Stall: 3/3A12 at HIMTEX 2024.

For more information on the company and its offerings: www.zeiss.co.in/metrology
For more info mail at info.metrology.in@zeiss.com



ZEISS scatterControl is ideal for highly voluminous and dense parts, such as additively manufactured metal parts and aluminum cast parts, even with steel inlays, as well as for other assemblies containing denser materials.

Superior Quality Due to Module Positioning

ZEISS scatterControl is positioned between the tube and the detector. Smaller objects, like dense additively manufactured parts, are placed in front of the module, with larger objects behind it. The built-in physical collision sensor and the sophisticated collision prediction software effectively prevent crashes.

Improved 3D Inspection

Improvements on the volume data result in much easier evaluation. 3D surfaces are determined and rendered without distracting artifacts. Many artifacts are typically a result of scattered radiation and cause 3D pseudo surfaces that prevent accurate measurement.

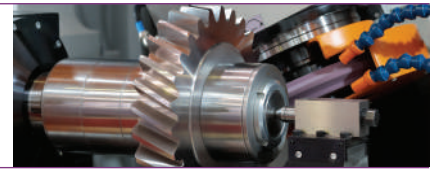
Benefit from ZEISS scatterControl

Better image quality, better defect detection: The module significantly improves CT image quality by reducing the occurrence of artifacts caused by scattered radiation. The increased contrast simplifies defect detection considerably.

Improved surface determination: The overall quality of surface determination benefits from ZEISS scatterControl. This is a considerable advantage for metrology applications on challenging parts.

Fast scanning with VAST mode: ZEISS scatterControl works in both 'Stop and Go' and VAST scanning mode.

Easy to use: As a one-click solution, the module works seamlessly with other useful features, such as VHD, AMMAR, or VoluMerge, and is fully integrated in the software.



LUBRICATION SOLUTIONS

Exploring the Fluid Power

At HIMTEX 2024, ExxonMobil Lubricants Pvt Ltd presents its comprehensive range of high-performance fluids that can be tailored to meet the exacting demands of precision machining operations across various industry.

The company strongly believes that regular maintenance and servicing ensures optimal performance of complex precise machinery.

Well-maintained equipment is less prone to breakdowns and disruptions and can significantly contribute to increased overall productivity.

Mobil™ provides complete end-to-end lubrication solutions ranging from leading hydraulic oils, cutting oils, sliding oils, and key services tailored for customers.

Mobilcut™ 231 and Mobilcut™ 251

Mobil™ offers a comprehensive range of high-performance fluids tailored to meet the exacting



Source: ExxonMobil Lubricants Pvt Ltd

demands of precision machining operations across various sectors. Mobilcut™ 231 is a high-quality semi-synthetic water-miscible metalworking fluid with a special EP additive designed to form a stable emulsion that is suitable for hard and soft water in the range from 50 ppm to 500 ppm. Similarly, Mobilcut™ 251 is boron-free high-quality semi-synthetic water-miscible metalworking fluid designed to form a stable emulsion that is suitable for hard and soft water in the range from 50 ppm to 500 ppm.

ExxonMobil Lubricants Pvt Ltd is present in Hall & Stall: 2/2D09 at HIMTEX 2024.

For more information on the company and its offerings: www.mobil.co.in

ROTARY TABLES

UCAM Set to Turn Tables at HIMTEX 2024

India's largest Rotary Tables manufacturer, UCAM, is showcasing its extensive range of technologies for productive and sustainable manufacturing at HIMTEX 2024. While the company's range of 4th- and 5th-axis Rotary Tables promises exactness and repeatability, its new line of high-speed CNC Rotary Tables provides higher speed and clamping torque.

HIMTEX is an important event for UCAM, leveraging Hyderabad's strategic location in South Central India, believes Vijay Zaritaklikar, National Sales Head, UCAM Pvt Ltd. "This prime location offers easy access to major markets such as Drill tools and Aerospace, which demand our rotary tables due to their precision requirements. Additionally, the event serves as the appropriate platform to showcase UCAM's Large Bore Deep Tilting Table," he shares.

URQ-200HS 4-axis Rotary Table

UCAM's URQ-200HS 4-axis Rotary Table is a versatile solution for high-speed machining, accommodating various production needs. The modular structure and compact design make it an ideal choice for space-constrained environments that demand high-speed machining. This

series is especially ideal for drill tap centers as they require high-speed indexing, making it a valuable asset for precision machining with increased productivity.

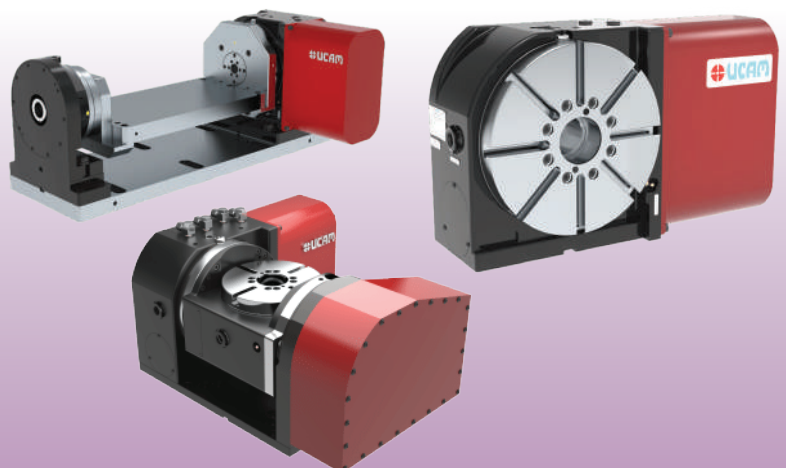
UCAM's Premier Product Lineup at HIMTEX Exhibition

Rotary Production System-URPQ 200: This 4th-axis solution is designed for precision and versatility that can boost one's machining productivity by accommodating multiple workpieces with similar operations. It boasts high exactness, ensuring repeatability in every use. The series is built with a highly rigid support, faceplate tailstock, and modular fixture plate, providing stability and flexibility. An optional drop-in rotary union is available for increased clamping of components, enhancing its functionality. Lastly, the extremely rigid base plate maintains alignment throughout operations, ensuring consistent performance and reliability.

Rotary Tilting Table-Q Series: With their extremely robust and rigid design, these tables are designed to withstand the demands of complex machining tasks. Users can choose between pneumatic and hydraulic clamping based on their machining needs, and the tables come in both short and large swing variants to accommodate different workpiece sizes. The series stands out for its compact and lightweight nature without compromising on reliability. The Q Series, Tilting Tables, USSR-200q, and ULSR-200q models integrate seamlessly into the existing 3-axis setup to achieve full movement in all five axes for complex machining.

UCAM Pvt Ltd is present at Hall & Stall: 1/C15 at HIMTEX 2024.

For more information on the company and its offerings: www.ucamind.com



Source: UCAM Pvt Ltd

1,30,000+

Installations across 62 Countries



Finest Range of CNC Machines

Turning / Turn-Mill Centers | Vertical Machining Centers
Horizontal Machining Centers | 5-Axis Machining Centers | Multi-Tasking Machining Centers



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