



DAY 5
SUNDAY
25 JANUARY 2026



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International Forming Technology Exhibition
21 - 25 JANUARY 2026, BIEC, BENGALURU

Concurrent Shows




AUTOMATION & MANUFACTURING SOLUTIONS

ASM Technologies - RV Forms & Gears
www.formsandgears.com | Hall & Stall: 4/B-133

From Fixtures to Intelligent Manufacturing


At IMTEX FORMING 2026, RV Forms & Gears is showcasing its evolution from a renowned fixture manufacturer into a comprehensive engineering solutions partner. The following feature explores the event’s significance to its growth, spotlight-worthy products and technologies, transformative partnership with ASM Technologies, and core values that have earned the company five decades of customer trust.




precision fixtures and turnkey solutions, is also displaying how it integrates robotics, lasers for cutting, welding and hardening, automation, and digital processes to help its customers achieve productivity, reliability, and process stability. “We look forward to engaging with OEMs, Tier-1 companies, and partners to discuss real manufacturing challenges—cycle time reduction, quality enhancement, shop-floor digitization, EV manufacturing readiness, and smarter production ecosystems,” he adds.

For Reji Varghese, President, RV Forms & Gears, IMTEX FORMING is no longer just about displaying machines. “Today, the exhibition is increasingly about intelligence, integration, and implementation excellence. Our presence reflects that transition,” he notes. At the event, the company, in addition to showcasing its high-

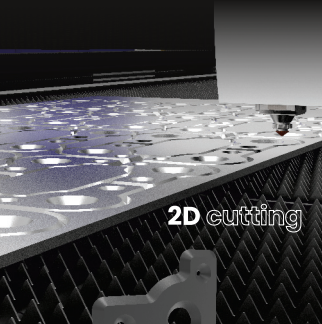
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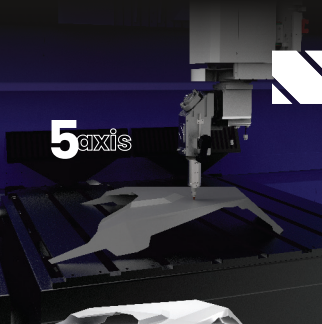
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HALL 4 BOOTH **B130**



“For nearly five decades, RV Forms and Gears grew without a formal sales force, and that reflects the customers’ trust in us that has been earned through uncompromising engineering standards, precision craftsmanship, ethical business practices, consistency in delivery, and a service mindset.”

REJI VARGHESE
President
RV Forms & Gears



Source: Magic Wand Media

From page 1 ▶

A Solutions-Driven Presence

At IMTEX 2026, the company is highlighting precision fixtures for automotive and non-automotive manufacturing, robotic and automation-integrated solutions, and advanced laser-based manufacturing systems developed along with its principal ASM Technologies. “The strategic thought is simple—customers today don’t just need products; they need outcomes: accuracy, repeatability, faster manufacturing cycles, improved safety, and lower cost-per-part. Our exhibit narrates that journey from design conceptualization to manufacturing engineering to digital enablement,” shares Varghese. A strong emphasis has also been placed on EV manufacturing, battery systems, and next-gen mobility applications, where reliability, thermal management, and process precision are critical. “By showcasing integrated capability under one roof, we want to assure customers that we are not

merely supporting their production but partnering in their transformation toward smarter and globally competitive manufacturing,” he adds.

Engaging OEMs, Tier Suppliers, and Machine Builders

IMTEX attracts a diverse visitor base, including OEMs, Tier-1 and Tier-2 suppliers, machine tool builders, shop floor engineers and manufacturing decision-makers. The company offers end-to-end responsibility—spanning design, engineering, manufacturing, automation integration, validation, and lifecycle support.

Digital Intelligence Through ASM Technologies

RV Forms and Gears’ partnership with ASM Technologies has been a transformative force. “Together, we are able to move from building excellent fixtures and systems to enabling digitally connected, data-aware, and insight-driven manufacturing environments,” Varghese adds.

This collaboration essentially bridges shop-floor hardware excellence with AI and digital intelligence, which is exactly what modern manufacturing requires. “It allows us to partner with customers not only as engineering suppliers but as strategic transformation enablers,” he adds.

Five Decades of Trust Earned

One of the most distinctive aspects of RV Forms & Gears’ journey is that it grew for nearly five decades without a formal sales team—a testament to the trust it earned within the industry. “That trust came from uncompromising engineering standards, precision craftsmanship, ethical business practices, and a service mindset,” Varghese reflects. Customers viewed the company not as a vendor but a collaborator in their success. As the company scales, this philosophy remains unchanged. “We are now more structured, digitally enabled, and globally outward-looking. We have

strengthened processes, added automation and intelligence, expanded capabilities, and built stronger systems, while retaining the human engineering spirit that built our reputation,” he says.

The New Era of Precision Engineering

The next decade, Varghese believes, will fundamentally reshape precision engineering, and fixture design will be at the heart of that transformation. He predicts four defining trends. “Digital engineering—simulation, digital twins, virtual validation, and AI—will drastically improve development accuracy and speed, while integration with automation, robotics, and lasers will make fixtures not just static support systems but intelligent manufacturing enablers,” he says. “We are aligning strongly in these areas so that we are strategic contributors to India’s advanced manufacturing journey,” he concludes. **SD**



Source: Magic Wand Media



Source: Magic Wand Media



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IMTMA INITIATIVE

Students Return from JAGRUTI with New Mindsets

More academic learning is not enough to achieve excellence in any field. This principle applies equally to engineering students. It is imperative for them to go beyond textbooks and actively work towards gaining and refining real-world industry knowledge. Recognizing this need, IMTMA, alongside IMTEX FORMING, runs the JAGRUTI programme for engineering and technology students. The programme concluded yesterday, generating enthusiasm among

30 students, primarily from the mechanical engineering stream, representing 15 engineering colleges from across the country. The students were divided into six groups and briefed on the programme structure before being taken on mentor-led guided tours of the exhibition. On the final day, the participants reconvened for an interactive brainstorming session led by Satish Kumar, Chief Advisor of the programme, who introduced them to effective methods of learning through observation and critical thinking.

Further guidance was provided by Prasad Pendse, Director, IMTMA, who shared key instructions on professional learning approaches. Coordinators and mentors Nagraj Hamilpure, Senior Executive Officer, IMTMA, and Vandana Kohli also offered insights on what it takes to become a good engineer, with all speakers emphasizing the importance of group discussions—known in industry terms as collaboration and knowledge sharing. As part of the post-programme engagement, participating students

have been assigned two key tasks. They will first make presentations on their learnings from JAGRUTI, followed by the submission of project-based reports derived from their observations and insights. Since the programme is conducted in coordination with the HR departments of the respective colleges, students will continue to receive institutional support in completing these assignments. JAGRUTI goes beyond sparking curiosity—it nurtures a deeper understanding of industry realities and encourages students to focus on real technological challenges. The programme helps participants realign their thinking with industry needs, enabling them to develop a 360-degree perspective in addressing engineering problems. Concluding the programme, Kumar urged students to move beyond imitation and focus on creation. “Do not copy—create,” he advised and encouraged participants to embrace fresh thinking. **SD**



Source: Magic Wand Media



Scaling new heights in manufacturing



International Machine Tool & Manufacturing Technology Exhibition

Concurrent Shows

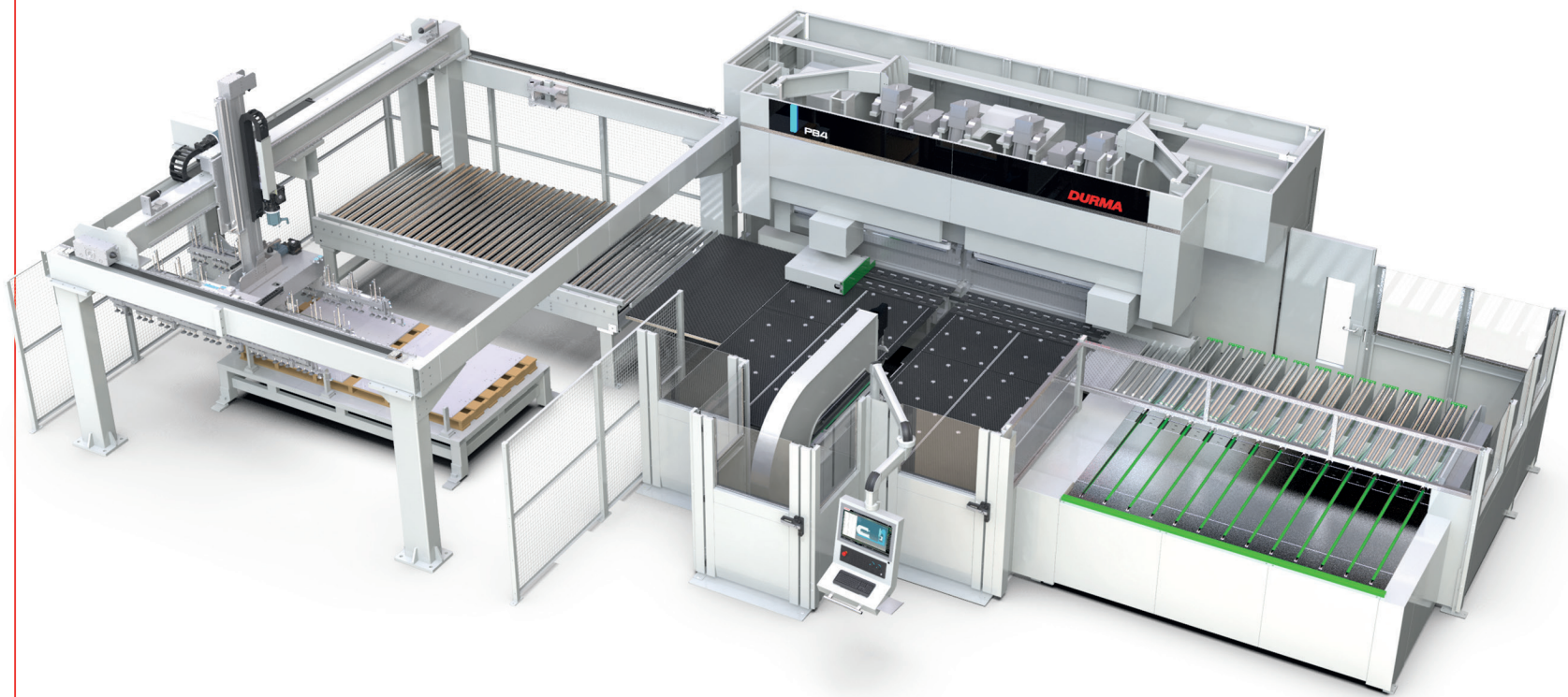


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Hall 5 Stand B 102
21st - 25th January



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IMTMA INITIATIVE

SSN College of Engineering and IIT Tirupati Shine at i2 Academia Awards

The i2 Academia Awards ceremony was held yesterday, January 24, 2026 recognizing universities for their innovation-led research showcased during IMTEX FORMING 2026.

As part of the evaluation process, one research project from each participating university was short-listed for the final presentation round. Students and faculty members presented their projects before a three-member jury, comprising Shashiprakash LS, Expert Faculty, IMTMA; Dr T Krishna Rao, Faculty, IMTMA; and Dr Prathima Holla, Guest Faculty, IMTMA, who assessed the entries earlier in the day.

Two awards were presented to the participating universities: the Popular Choice Award, decided by

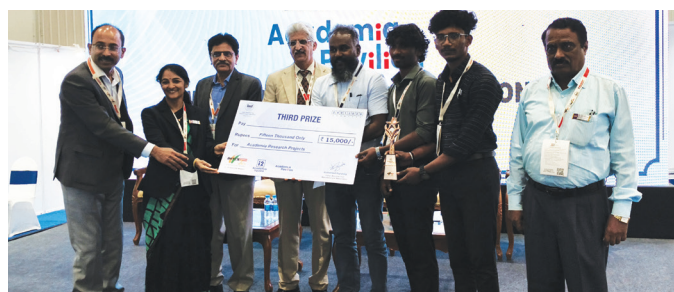
audience voting, and the i2 Academia Award, adjudicated by the jury. In the Popular Choice category, PSCMR College of Engineering and Technology, Vijayawada; Aditya College of Engineering and Technology, Bengaluru; and D.K.T.E. Society's Textile & Engineering Institute, Kolhapur, jointly secured the runner-up position. SSN College of Engineering, Chennai,

emerged as the overall winner, with the jury noting a commanding lead over the other entries.

SSN College of Engineering also featured prominently in the jury-decided i2 Academia Award, securing third place along with a cash prize of INR 15,000. KLS Gogte Institute of Technology, Belagavi, won second place, taking home INR 30,000.

The overall i2 Academia Award was won by IIT Tirupati, which received a cash prize of INR 50,000 in recognition of its research excellence and innovation.

The winners were felicitated by the jury members along with Satish Kumar, Senior Advisor, IMTMA, and Naveen GS, Director – Training, IMTMA.



Winners of the i2 Academia Awards held during IMTEX FORMING 2026. Two awards were presented to the participating universities: the Popular Choice Award, decided by audience voting, and the i2 Academia Award, adjudicated by the jury.



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STAMPING SOLUTIONS

Ming Xu (Dongguan) Precision Machinery Co., Ltd | www.mingxupress.com | Hall & Stall: 5/A-111

Ming Xu Makes Its Mark in India



Source: Magic Wand Media

Speaking about the company's participation, N Vueya Kumar Reddy, Manager, Ming Xu (Dongguan) Precision Machinery Co., Ltd, said, "The past few years have shown significant growth in India, even amidst difficult geopolitical situations. This reflects the self-potential of the Indian market, and we expect it to perform even better in the future."

Ming Xu: Making Machines Matter

Highlighting Ming Xu's long-standing presence in the country, Reddy shared, "We have been serving Indian stamping manufacturers for the last 10 years with reliable machines and service support, which gives confidence to

our customers for repeat orders." He added that the company aims to continue supporting local manufacturers with its 'Ming-Xu' brand machines, which have demonstrated stable performance under Indian working conditions. Reddy highlighted the value of the event as a platform for engaging buyers and showcasing machines in action. "We expect visitors to the show to come to our booth and witness our machines in live stamping production," he said, underlining the importance of demonstrating reliability and performance in real-time.

Meet the CHD-80

At the expo, the company is showcasing its CHD-80 Double Plunger

“We have been serving Indian stamping manufacturers for the last 10 years with reliable machines and service support, which gives confidence to our customers for repeat orders. We expect visitors to the show to come to our booth and witness our machines in live stamping production.”

N VUEYA KUMAR REDDY
Manager
Ming Xu (Dongguan)
Precision Machinery Co., Ltd



Stamping Press, equipped with newly designed linear guides. "This design has been in use for over three years and has proven its reliability and accuracy," Reddy explained. He added that ongoing updates to machine design enhance productivity, quality, and cost-efficiency for customers. On the sustainability front, Reddy emphasized the company's strides towards energy efficiency. "Using good quality parts helps reduce energy losses significantly. Our global service support ensures quick resolution in case of any issue,

making our machines more reliable," he said. These features help manufacturers optimize energy usage and reduce waste.

Pressing Ahead in India

Through its participation, the company aims to establish its reputation as a trusted partner for Indian manufacturers. By blending innovative design, energy efficiency, and dependable service, the company is stamping a path toward the modernization and growth of India's sheet metal industry—one press at a time. **SD**

DELEGATE SPEAK

“IMTEX is an opportunity to witness leapfrog advancements in manufacturing”



“IMTEX, being a solid platform and a hub for technology infusion, always excites me. I am keen to witness leapfrog advancements in the manufacturing industry through IMTEX, and this has been indeed well showcased at IMTEX FORMING 2026—blending both traditional and unconventional manufacturing needs.

Although the Indian industry is still in its nascent stages of large-scale industrialization, I can clearly sense its growing strength in attracting global attention and demonstrating innovative and indigenous products. Several entrepreneurs have showcased their capability to scale up to global levels in technology.

The integration of Industry 4.0 concepts with typical Indian jugaad (frugal) innovation is particularly impressive. Beyond India's volume-driven appeal, it is more satisfying to see manufacturers emphasizing quality and reliability in their machines.

As manufacturing cost remains a pivotal factor accelerating consumerism, focused group discussions and forums on cost optimization in manufacturing would be beneficial. Digital transformation is connecting every aspect of our lives. In future editions of IMTEX, I would like to see deeper technology incubation, particularly in areas such as machine learning, data analytics, and diagnostics.”

RAVISHANKAR N
Senior Director – MFG Operations India
Otis Elevator Company (India) Ltd

THIS IS THE REWARD

WHEN QUALITY CONTENT MEETS CURIOUS
MINDS AT IMTEX FORMING 2026



CABLE CARRIERS, CONVEYOR SYSTEMS, & PROTECTION SYSTEMS

Kabelschlepp India's Solutions for Demanding Conditions

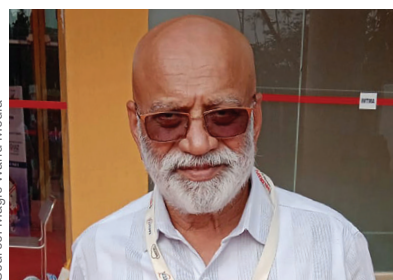
Kabelschlepp India Pvt Ltd (Tsubaki Group)
www.kabelschlepp.in
Hall & Stall: 3A/B-121

KABELSCHLEPP products play a critical role in enhancing the performance, reliability, and safety of machine tools. Their cable carriers, conveyor systems, and protection systems are engineered to meet the demanding conditions of modern machining environments. KABELSCHLEPP cable carriers ensure the safe and controlled guidance of cables, hoses, and pneumatic lines in dynamic machine movements. Designed for high speeds, long travel lengths, and continuous operation, they reduce cable wear, prevent tangling, and minimize unplanned downtime. Their modular design allows easy installation, inspection, and main-

tenance, improving machine availability and service life. The company's protection systems such as telescopic covers, bellows, roll-up covers, and way covers protect machine components from chips, coolant, dust, and heat. These systems safeguard guide-ways, ball screws, and linear drives, preserving machine accuracy and extending equipment life. Overall, KABELSCHLEPP solutions help machine tool manufacturers and end users achieve higher productivity, reduced maintenance costs, improved operational safety, and longer machine life, making them a trusted partner in advanced manufacturing environments. **SD**

VISITORS' VIEWS

Technologies Showcased at IMTEX are Highly Relevant



“ I have been associated with IMTEX since around 1980. From its early days at Pragati Maidan in Delhi and later at Vikhroli in Mumbai, to its current regular editions in Bengaluru, the exhibition has come a long way—and hosting it in Bengaluru is a big advantage for us. From the very beginning, IMTEX has maintained its originality, and today it has truly reached international standards.

Even though I may not purchase new machines every time, I make it a point to visit IMTEX to keep track of developments in the field. Whenever we take up a new project, the knowledge gained from the exhibition proves extremely useful.

This time, I was particularly struck by the potential of new laser technologies and robotics.

The technologies showcased are highly relevant and valuable for our industry. **”**

SILVIAN NORONHA
Associated Hydro Pressings Pvt Ltd
Bangalore

WORLD PREMIERES: PANEL BENDERS

Metevo: Affordable Panel Benders to Grow

Salvagnini
www.salvagninigroup.com
Hall & Stall: 5/B-101

Debuting in Bangalore, Metevo is a new generation of panel benders, developed within a cooperation agreement between Salvagnini and Lanhao Intelligent Technology, and created for companies seeking higher productivity and efficiency with a low investment. The Metevo MX bridges the gap between traditional press brakes and high-end panel benders, combining a four-tool bending unit and modular blankholder to manage many geometries with minimal tool changes and downtime. An integrated manipulator automatically handles movements and rotations, delivering positive and

negative bends in sequence once the sheet is centered. Operators mainly load and unload sheets, reducing setup effort and dependence on scarce specialist skills—while ensuring a predictable, continuous flow and consistent quality. The Metevo MX series is designed for medium to large batches and simple, standard parts, and is available in three models, with bending lengths from 1400 to 2500 mm and a maximum bending height of 170 mm. After IMTEX FORMING 2026, both LXi and Metevo will be available for demonstrations at the new Salvagnini Showroom in Pune. **SD**

MARKING AND TRACEABILITY SOLUTIONS

Purshotam Company Pvt Ltd | www.purshotam.com | Hall & Stall: 2A/A-101

Reliable Marking, Real Results



Source: Magic Wand Media

“IMTEX 2026 is more than an exhibition—it’s an opportunity to connect directly with the people shaping modern manufacturing. We have participated not just to present machines, but also our vision for the future of marking and traceability in manufacturing.”

MANASI MANEK
CEO
Purshotam Company Pvt Ltd



“IMTEX FORMING 2026 is more than an exhibition—it’s an opportunity to connect directly with the people shaping modern manufacturing,” said Manasi Manek, CEO, Purshotam Company Pvt Ltd. “What excites me most is hearing directly from our customers—understanding their challenges, their expectations, and how we can help them move toward smarter, more automated production,” she says. “These conversations inspire our innovation, guide our solutions, and remind us of why we do what we do: to build technologies that

are not just advanced, but truly aligned with the realities of the shopfloor,” she adds.

Business Opportunities

The company anticipates inquiries across its entire marking portfolio, including dot peen, scribing, and laser marking systems. Manek explains that the exhibition enables meaningful technical exchanges. These interactions allow customers to assess whether portable, column-mounted, or integrated marking systems best fit their operational needs.

She also points out the brand-building value of the exhibition. The event helps position the company “as a solution-oriented partner with strong application understanding and dependable service support,” she says.

A Future-Ready Vision

“I see our presence as an opportunity to present not just machines, but our vision for the future of marking and traceability in manufacturing,” she states. Among the key highlights at the event are the EVO E-Touch and EVO E-Mark plat-

forms, developed for demanding shopfloor environments. Features such as interchangeable front face plates and industrial membrane keyboards reflect a design philosophy centered on durability, adaptability, and long-term value.

The company is also showcasing its advanced laser marking machines. According to Manek, these systems deliver “high-speed, high-contrast, and permanent marking” and are inherently robust. She adds that they are designed for “easy integration into automated and digital production lines.” **SD**

LASER CUTTING MACHINES

Sharda Engineers | www.shengg.in | Hall & Stall: 4/C-157

Sharda Engineers’ Cutting-Edge Innovations

The MZ Tube Laser Cutting Machine is among the fastest two-chuck machines available for cutting tubes. Designed to cut round, square, rectangular tubes, as well as L-profiles, I-beams, and U-beams, the machine delivers a chuck speed of up to 180 rpm and a linear speed of 90 m/min. Engineered for high reliability, the machine achieves accuracy levels up to 40 microns, making it one of the fastest machines in the market. It supports tube sizes up to 120 mm and is available in 1.5 kW, 2 kW, and 3 kW power

options. The system can process 3D IGES files directly from design to finished component while ensuring consistent accuracy. Sharda Engineers also offers a comprehensive range of sheet laser cutting machines, available in open table, double table, and enclosed double-table configurations. Power options range from 1.5 kW to 12 kW, with table sizes starting from 1.5 × 3 m up to 6.5 × 2.5 m. With 1.5G acceleration and a maximum linear speed of 100 m/min, these machines combine speed, reliability, and precision. **SD**



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FIBER LASER CUTTING SYSTEMS

Infinity F1: Power Without Limits

At IMTEX 2026, SLTL Group is displaying Infinity F1, its flagship ultra-high-power fiber laser cutting system built for next-generation sheet-metal fabrication. Engineered on a rigid, anti-attenuated single-piece structure, Infinity F1 delivers exceptional stability, speed, and micron-level precision even at extreme accelerations.

With laser power options from 3 kW to 30 kW, Infinity F1 cuts effortlessly through mild steel, stainless steel, aluminum, brass, copper, coated sheets, and specialty alloys including reflective metals and thick plates. Up to 5X faster multi-stage piercing, high traverse speeds, and extreme acceleration dramatically reduce cycle times, while the dual

pallet changer enables continuous, non-stop production. Advanced capabilities such as auto focus, dynamic edge control, zero-fillet cutting, edge rounding, countersunk processing, optimized nesting, and bevel cutting enable

complex geometries, superior fit-up, smooth edges, and exceptional surface finish often eliminating secondary operations. High positioning accuracy and repeatability ensure consistent quality across long production runs.

Powered by e-Tron, SLTL's Industry 4.0-ready smart software, Infinity F1 offers AI-driven parameter optimization, intelligent nesting, real-time monitoring, and predictive maintenance through IoT maximizing uptime while minimizing waste and operator dependency. With full enclosure safety, rapid gas switching, and energy-efficient performance, Infinity F1 is ideal for sheet-metal fabrication, automotive, railways, electrical panels, furniture, agriculture, pharmaceuticals, and heavy engineering. **SD**

SLTL Group
www.sltl.com
Hall & Stall: 4/B-130
WELDEXPO
Hall & Stall: 3/B-108



Source: SLTL Group

VISITORS' VIEWS

"The event is professionally organized"



Source: Magic Wand Media

" I was particularly interested in maintenance-related products such as power tools, welding machines, and allied equipment, as well as the new technologies being showcased at the exhibition. At IMTEX 2026, we have seen many new kinds of machine tools that reflect how rapidly the industry is evolving.

After seeing the latest welding machines and robotic applications being offered by Indian suppliers, I am confident that machinery of global standards is now being manufactured in India. The exhibition has been organized and managed in a very professional manner, and the biggest advantage is the opportunity it provides to compare Indian machines with those offered by international players—under one roof. **"**

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AUTOMATED TANDEM PRESS LINES

Isgec Heavy Engineering Ltd | www.isgec.com | Hall & Stall: 2A/B-106

Flexibility and Productivity for Modern Metal Forming

Automated tandem press line technology is a high-performance metal forming

solution designed for the efficient production of medium-to-large sheet metal components with

superior flexibility and throughput. Unlike single-press or fully dedicated systems, tandem press lines consist of multiple presses arranged in sequence, with each press performing a specific forming operation such as blanking, drawing, forming, trimming, or piercing.

In an automated tandem press line, sheet metal parts are transferred from one press to the next using industrial robots or automated handling systems. This synchronized operation enables precise part positioning, consistent quality, and high production rates, while allowing quick changeovers between different

components. The inherent flexibility of tandem lines makes them particularly suitable for manufacturers producing multiple part variants on the same line without compromising productivity.

Automated tandem press lines have gained strong acceptance among Tier-1 manufacturers in India due to their ability to balance high productivity with production versatility. ISGEC has extensive experience in engineering and supplying automated tandem press lines, working in close collaboration with leading global robotic suppliers such as ABB, KUKA, and YASKAWA to deliver fully integrated, end-to-end solutions. **SD**



Source: Isgec Heavy Engineering Ltd

IMTMA INITIATIVE

Indian Academia Showcases Impressive Innovations

Indian academia is actively offering its best to industry as reflected in the exhibits at the i2 Academia Corner in Hall No. 4 at IMTEX FORMING 2026.

A total of 33 stalls feature students and their mentors presenting innovative projects. These works are the result of deep research and critical thinking, aimed at addressing existing industry chal-

lenges, with sustainability—today's topmost priority—at the core. Briefing visitors on their work, Aditya Deshpande, a third-year student of Electronics and Compu-

ter Engineering at the Maharashtra Institute of Technology, Pune, explained their patented project developed in collaboration with Adurvaad Cyclotune. The team has

created a handheld, portable device to diagnose faults in IC engines. By analyzing engine sound and vibrations, the device can identify problems and also indicate their possible causes.

Speaking about their innovation, Assistant Professor Sadanand Ghanvat from Rajarambapu Institute of Technology, Sangli, said they are showcasing an automatic bagasse-feeding machine. The solution enhances operator safety while improving productivity and reducing time and labor costs involved in the bagasse-feeding process.

Highlighting the significance of their project, Automated River Plastic Collection System, Ashwin Dhatha, a final-year B.Tech (IT) student from Tagore Engineering College, Vandalur (Chennai), said the machine is capable of collecting and segregating river pollutants into biodegradable and non-biodegradable waste. The system can play a vital role in keeping rivers and shorelines clean. **SD**



Source: Magic Wand Media

FOOT SWITCHES

Brisk Industries Pvt Ltd | www.brisk.co.in | Hall & Stall: 3A/B-152

Heavy-Duty Foot Switches from Brisk

The newly-launched Brisk brand heavy-duty foot switch is a rugged and reliable industrial control device designed for safe and efficient operation in demanding environments. Built with a durable die-cast reinforced plastic/polycarbonate enclosure, it features a secure safety latch mechanism that prevents accidental activation, ensuring operator protection during use. This foot switch supports high electrical loads and is suitable for both momentary and maintained operations. With IP67-rated protection, it resists

dust, oil, and water ingress, making it ideal for workshops, automation systems, and heavy machinery. The high electrical insulation, corrosion-resistant finish, ergonomic design and compliance with international standards IEC 60947-5-1 makes it suitable for continuous use in automation systems, production lines, medical equipment, sewing, and packaging machines. Complying with industrial safety standards, Brisk brand foot switches provide dependable operation, low maintenance, and extended service life - making it a trusted choice for professionals across industries. **SD**



Source: Brisk Industries Pvt Ltd



Indian Machine Tool Manufacturers' Association

IMTMA Events Calender for the year 2026 - 27

IMTMA fosters strong relationships with the industry through Summits, Conferences and Seminars. To redefine the future of manufacturing, IMTMA collaborates with the impactful leaders and keeps the industry abreast of the latest technologies, innovations and developments.



10th Edition
MACHINE TOOL INDUSTRY SUMMIT
May 2026, Goa



20th Edition
NATIONAL PRODUCTIVITY SUMMIT 2026
November 2026, Coimbatore



9th Edition
SYMPOSIUM ON AUTOMATION & ROBOTICS
CONFERENCE & EXHIBITION
August 2026, BIEC, Bengaluru



10th Edition
INTERNATIONAL SEMINAR ON MACHINING TECHNOLOGIES
January 2027, BIEC, Bengaluru

For more information, contact:

Prabhugoud Patil : +91 9980432663 prabhu@imtma.in or Abhishek: +91 9844294387, abhishek@imtma.in

Indian Machine Tool Manufacturers' Association (IMTMA), BIEC, 10th Mile, Tumkur Road, Bengaluru - 562162

FIBER LASER CUTTING MACHINES

S&T Engineers | www.stengineers.com/product/st3015g | Hall & Stall: 5/A-131

SMT's 12 kW Large Bed Fiber Laser Cutting Machine

Source: S&T Engineers



The ST6525GS G Series Large Bed Fiber Laser Cutting Machine represents STM Laser's strength in building machines for heavy-duty and large-format applications. Backed by the engineering legacy of the S&T Group, this model delivers outstanding performance for high-volume fabrication environments. Manufactured in India with global technology standards, the ST6525GS features travel dimensions up to 6.5 × 2.5 m and a

powerful 12 kW laser source, ensuring exceptional speed, edge quality, and cutting depth. Its rugged gantry structure and precision drives ensure stable performance even at speeds of up to 150 m/min. With S&T's nationwide over 18 service branches, experience, dependable after-sales support, and uptime assurance, STM Laser continues to redefine large-sheet cutting with reliability, precision, and consistent output for demanding industrial operations. **SD**

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MOBILE WELDING FUME EXTRACTORS

MobilePro for a Range of Welding Processes

The MobilePro is a self-cleaning mobile welding fume extraction unit developed for professional welders who require flexibility without compromising extraction performance. It is designed to capture welding fumes directly at the source in workshops where fixed extraction systems are impractical or where workstations frequently change.

At the core of the MobilePro is an advanced multi-stage filtration system featuring durable BiCo polyester filter cartridges that are washable and engineered for extended service life. The integrated Ram-Air™ pulse amplifier enhances filter cleaning efficiency, resulting in lower pressure loss, reduced compressed air consumption, and lower operational costs. For applications involving hazardous substances such as chromium VI, the MobilePro can be equipped with an optional HEPA H14 final filter, supporting compliance with stringent health and safety standards. The unit is suitable for a wide range of welding processes, including MIG, MAG, TIG, FCAW and stick electrode welding. A powerful 1.1 kW fan delivers consistent airflow, while the SilentFlow™ sound-absorbing housing reduces operational noise. Mounted on a stable chassis with swivel castors and ergonomic handles, the MobilePro can be easily repositioned, making it a practical and reliable solution for dynamic industrial environments. **SD**



Source: Plymovent Industrial Solutions B.V.

Plymovent Industrial Solutions B.V.
www.plymovent.com | Hall & Stall: 3A/A-110

FOLDING MACHINES

Redefining Sheet Metal Folding Efficiency

The key differentiator of the Schröder PowerBend Professional is its superior material handling efficiency, which directly enhances productivity and operator safety. Unlike conventional press brakes that require frequent flipping, aligning, and manual repositioning of sheets, the PowerBend Professional uses up-and-down folding technology, allowing all bends to be completed from a single position. This eliminates sheet flipping—a major cause of time loss, errors, and operator fatigue. The machine's suction gauge system, pneumatic pop-up fingers,

and friction-free support tables ensure smooth, accurate, and effortless sheet movement throughout the bending sequence. Large panels, long parts, and delicate sheets can be positioned easily and safely, without strain on the operator. In addition, the rotating clamping beam allows tool changes without lifting or repositioning the sheet, further reducing handling steps. Overall, the Schröder PowerBend Professional minimizes manual intervention, reduces handling-related defects, and significantly accelerates production—making it a safer, more efficient alternative to conventional bending systems. **SD**



Source: RadCAM Technologies Pvt Ltd

RadCAM Technologies Pvt Ltd
www.Radcamtechnologies.com | Hall & Stall: 4/B-105

IMTMA INITIATIVE

Student Innovations Take Centre Stage at i2 Academia Pavilion



The i2 Academia Pavilion, a key feature of the IMTEX FORMING 2026 exhibition, showcased a wide array of innovations from engineering institutions across the country. With the advent of Industry 4.0 in manufacturing, large-scale efforts are underway to integrate smart technologies into industrial units and factories. UVCE, Bengaluru, presented a predictive maintenance system for machinery. The solution uses an accelerometer connected to a unit equipped with an in-built machine learning model to monitor machine behavior, detect faults, and predict maintenance requirements.

“Employees from HCL and Kirloskar visited our stall and showed keen interest in our project,” remarked V Sanjay, a fourth-year ECS student. Similarly, D.K.T.E. Society’s Textile & Engineering Institute, Kolhapur, showcased two smart technology-driven innovations—a smart window automation system and an exhaust gas-to-ink converter with a smart PUC certificate. “The machine serves a dual purpose by converting exhaust gases into usable ink. The smart PUC certificate allows users to generate reports within seconds,” explained Anuj Lugade, a fourth-year mechanical engineering student.

The smart window automation system is designed to detect conditions such as gas leaks and rainfall, automatically opening or closing windows. It is particularly suited for industrial units where windows are difficult to access. “It can also detect and interpret pollution values,” added Soham Sanjay Birnale, a fourth-year mechanical engineering student. The project has already received start-up funding and shows strong commercial potential. Kingston Engineering College, Vellore, displayed an autonomous, multi-purpose robot capable of operating across a wide range of industries. Developed at a cost of just INR

25,000, the robot is designed to be affordable for small and medium enterprises. Built by Kabil G, a fourth-year AI and Data Science student, the robot features a compact, handless design that allows it to navigate narrow spaces, particularly between machinery on the shopfloor. Meanwhile, Prathyusha Engineering College, Thiruvallur, showcased a UAV designed for agricultural and disaster management applications. “The GPS can be programmed to carry a payload of up to 10 kg of fertiliser and spray it precisely in areas where crops are affected,” explained Prof V Meghanathan, Associate Professor, Engineering Department. **SD**

MIG WELDING SYSTEMS

Sinar Sheetmetal Solutions Pvt Ltd | www.sinarsolution.com | Hall & Stall: 4/B-114

CWM-6 Cobot: Smart and Flexible Welding Automation



The CWM-6 is a compact and flexible cobot-based MIG welding system designed to deliver consistent, high-quality welds while adapting easily to changing production needs. Powered by the FANUC CRX-10iA/L collaborative robot and the Fronius TPS 400i MIG power source, the system ensures stable arc performance, repeatability, and

reduced spatter across a wide range of components. Built for high-mix, low-volume manufacturing, the CWM-6 can be quickly relocated on the shop floor and programmed through an intuitive touchscreen interface,

enabling fast setup and changeovers. This reduces dependency on skilled welders while improving operational efficiency and weld quality — all within a safe human-robot collaborative environment. **SD**

MACHINE LAUNCH

Intech Additive Solutions Pvt Ltd | www.intechadditive.com | Hall & Stall: 5/B-171

Intech Additive Unveils India’s First 8-Laser 3D Printer

Intech Additive Solutions Pvt Ltd launched the Infinity 450 Series, India’s first and largest eight-laser metal additive

manufacturing system, at IMTEX FORMING 2026. Unveiled at BIEC, Bengaluru, the platform is engineered to make serial production commercially viable for Indian manufacturers. Featuring a 450 x 450 x 450 mm build volume and 8 synchronized 500W fiber lasers, the Infinity 450 Series targets manufacturers that need predictable economics, faster throughput, and repeatable quality at production scale. The platform’s eight-laser architecture operates in parallel across precision-defined zones with calibrated overlap, delivering consistent part quality across the entire build plate. This configuration cuts cost per part up to 70 percent and increases annual throughput up to 6 times. Built as an integrated production system, the Infinity platform combines hardware, process, and unified software under a single accountable framework. With provisions for automation, powder handling, monitoring, and end-to-end workflow integration. The system is aimed at production-critical sectors such as aerospace and defence, automotive, energy, and tooling, positioning metal additive manufacturing as a practical serial production solution in India. **SD**



INTERNATIONAL TIES

Strengthening Indo-US Collaboration

According to Woods, India's Manufacturing sector is growing rapidly, with strong momentum across Automotive and EVs, Aerospace, Defence, Space, Electronics, and Semiconductors. "IMTEX FORMING 2026 is perfectly timed as it offers a powerful platform to connect with India's rapidly evolving manufacturing landscape," he notes.

From a US perspective, forming technology companies have developed deep expertise through long-standing partnerships with global OEMs, resulting in advanced, AI-enabled manufacturing processes. Woods believes the exhibition allows US companies to engage directly with Indian manufacturers.

Shifts in US Metal Forming Technologies

Reflecting on developments in the US, Woods points out that the metal

“The trade figures reflect the growing competitiveness of Indian manufacturers and underscore a strengthening, two-way partnership between the US and Indian machine tool industries.”

DOUG WOODS
President
Association of Manufacturing Technology, USA (AMT)



Source: AMT

forming and sheet-metal industry is undergoing a transformation driven by AI-powered automation, smart manufacturing, and digitally connected production systems. "Advanced presses, robotics, digital twins, and real-time process monitoring are helping manufacturers achieve greater precision, speed, and flexibility," he observes.

He also highlights that US companies are advancing high-precision forming by working with lightweight and high-strength materials, while increasingly integrating sustainability into manufacturing processes to meet global requirements.

US Participation at IMTEX FORMING

Commenting on US participation at IMTEX FORMING 2026, Woods notes that around a dozen AMT member companies are exhibiting either directly or through Indian subsidiaries, with a similar number participating via dealership and channel partner networks.

Trade Trends

Touching upon trade trends, Woods notes that provisional data from November 2024 to October 2025 shows US machine tool exports to India at approximately US\$ 65.6 million, while imports from India stood at around US\$ 21.5 million. "These figures reflect the growing competitiveness of Indian manufacturers and underscore a strengthening, two-way partnership between the US and Indian machine tool industries," he says—one aligned with the objectives of IMTEX FORMING 2026. **SD**

VISITORS' VIEWS



Source: Magic Wand Media

“Our company has been regularly visiting IMTEX over the years and we have had tangible business growth achieved through the exhibition. The show provides us with an opportunity to connect with our old customers and meet new ones, while serving as a platform for us to discover innovations.”

NISHIT JAIN
Business Unit Manager
ABRO Technologies (P) Ltd



“I have been associated with the event for many years, including as an exhibitor. IMTEX FORMING is crucial in keeping pace with technological advancements and market dynamics. The exhibition makes the latest in trends and technologies available for us to explore. It also helps us upgrade our knowledge and gain insights into current market trends.”

PRASAD ASRV
National Manager - After Sales
Leybold India

IMTMA INITIATIVE

i2 Academia Pavilion Bridges Classroom Innovation with Industry Needs

The i2 Academia Pavilion at IMTEX FORMING 2026 brought together innovative solutions from 33 reputed engineering institutions across the country.

Students from Amrita Vishwa Vidyapeetham, Kollam, showcased a six-legged search-and-rescue robot (hexapod) along with a six-wheeled search-and-rescue robot inspired by the design of a moon rover. "This robot can navigate complex locations such as collapsed buildings and bridges to assess the feasibility of rescue operations," said Mada Veera Karthik, a second-year mechanical engineering student (Robotics and

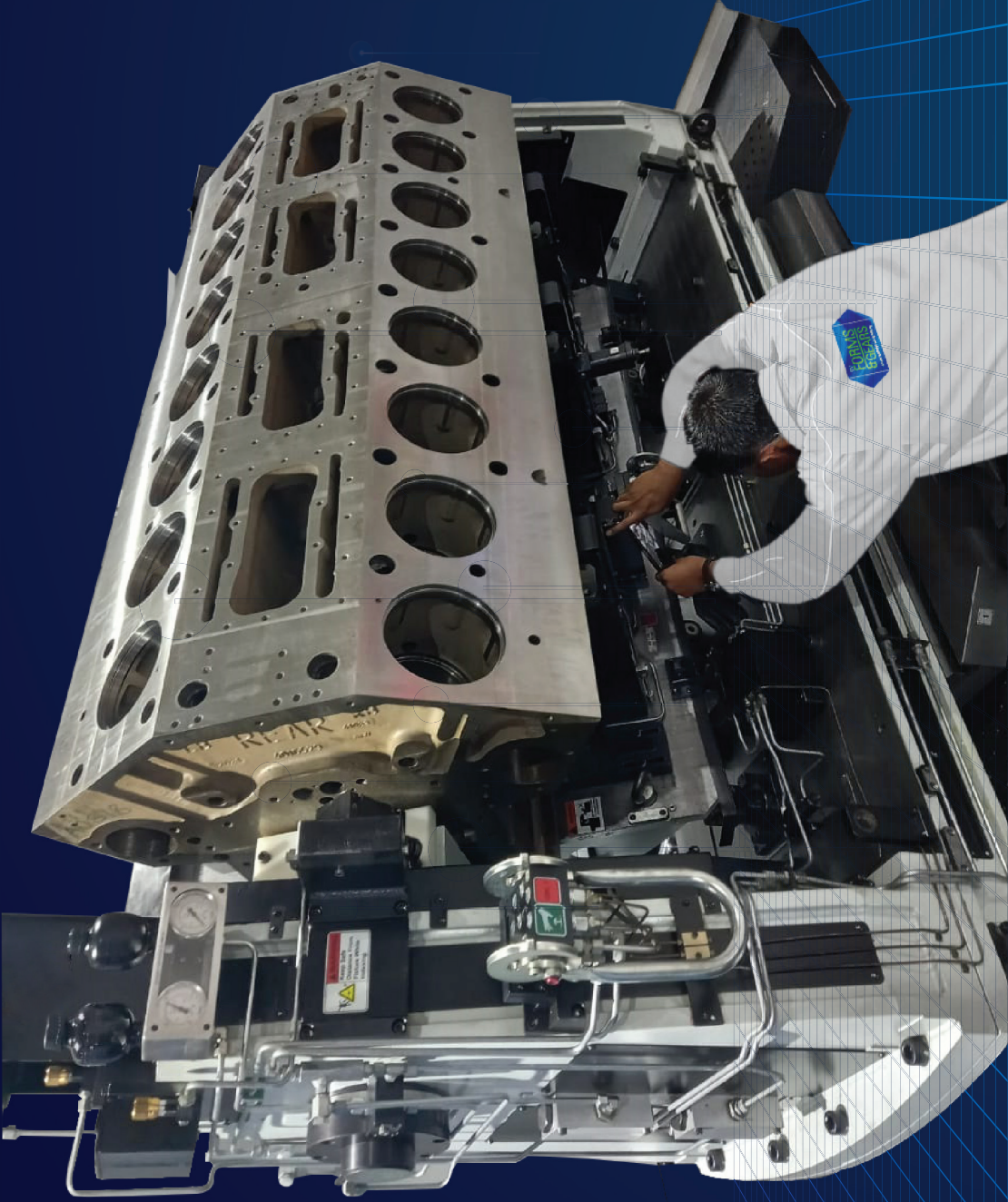
AI). His teammate Miriyala Nookaraju elaborated on the capabilities of both machines and shared plans to equip the hexapod with aerial functionality in the future.

Chennai Institute of Technology presented an innovative solution for the die-casting industry involving the reutilization of a shot sleeve. "Typically, companies spend around INR 75,000 to replace the component. With our solution, the cost comes down to just INR 10,000," explained Mohith M, a fourth-year mechanical engineering student. The product also received appreciation from Rane (Madras) Ltd during their visit to the stall.

Aditya College of Engineering and Technology, Bengaluru, showcased two novel products—a gas leakage monitoring system and an automated alcohol detection system. "Industrial gas leakages can pose serious risks. Our system triggers a buzzer alert that can be heard even by nearby residents," explained Shree Darshine, a third-year ECS student. Sushmita M Angadi, also a third-year ECS student, added, "The alcohol detection system uses an air proximity sensor to detect whether a person nearby has consumed alcohol." The system is integrated with a gate operator for access control.

Students from Vishwakarma Institute of Technology, Pune, demonstrated a software application that translates Chinese CAD drawings into English. "Once the user selects a file and clicks 'translate', a machine-learning model works like OCR—extracting Chinese text, processing it, and reinserting it in English," explained Purna Pramod Phadnis, a third-year computer science student.

Together, these innovations underscored the i2 Academia Pavilion's role as a vibrant interface between young engineering talent and real-world industrial challenges. **SD**



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