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The Daily News of IMTEX FORMING 2024

Organiser



Indian Machine Tool
Manufacturers' Association



International Forming Technology Exhibition

19 - 23 JANUARY 2024, BIEC, BENGALURU

Concurrent Shows



International Exhibition of Dies & Moulds, Parting Tools,
Machine Accessories, Metrology and CAD / CAM



International Exhibition of
Digital Manufacturing Technology



Exhibition for Welding, Cutting & Joining | 2024

In association with

DAY 2 SATURDAY
20 JANUARY
2024



Cutting | Bending | Welding | Automation

LASER
TECHNOLOGIES™

Paving the Pathways to Precision: LTPL's Pioneering Solutions at IMTEX FORMING 2024

Amidst the new era of India's rapidly advancing industries, the integration of sophisticated laser solutions has emerged as a pivotal catalyst in propelling transformative growth. **Laser Technologies Pvt. Ltd.** stands at the forefront of this industrial revolution, welding advanced laser technology that redefine precision and efficiency. With a steely resolve to innovation and a relentless pursuit of excellence, the company's participation in **IMTEX FORMING 2024 Expo** signifies a strategic endeavor to showcase cutting-edge solutions that not only elevate industry standards but also serve as a pivotal role of laser technology in the nation's industrial evolution.

As a pivotal participant in this esteemed event, Laser Technologies is poised to redefine industry standards, create new business opportunities and offer unparalleled benefits to visitors, marking a milestone in the evolution of Fiber Laser Technology and Laser Cutting.

“As part of India's journey towards becoming a manufacturing powerhouse, our vision is clear: contribute by delivering top-notch industrial technology and unmatched service support. Our success is intricately woven into the success of our clients. We don't just provide solutions; we cultivate partnerships that drive the manufacturing vision forward, one success story at a time.”

Pankti Agarwal,
Director, Laser Technologies Pvt. Ltd.

ELEVATING INDUSTRY STANDARDS:

Participating in this expo heralds an unprecedented opportunity for industry stakeholders to explore cutting-edge innovations tailored for diverse sectors. At IMTEX Forming 2024, Laser Technologies aims to introduce a spectrum of laser solutions catering to Manufacturing, Automotive, Aerospace, and beyond. Covering a comprehensive range of applications from precision cutting to seamless welding, intricate marking, and detailed engraving; LTPL's spotlight lies in the expertise of Fiber Laser Technology, promising unparalleled precision and efficiency.

UNVEILING BUSINESS OPPORTUNITIES:

Laser Technologies' participation at IMTEX Forming 2024 unlocks a myriad of business prospects. Serving as a platform to engage with industry experts, potential collaborators, and customers seeking advanced solutions. This event fosters partnerships and establishes LTPL as an industry leader committed to technological advancement and excellence.

VISITOR-CENTRIC BENEFITS:

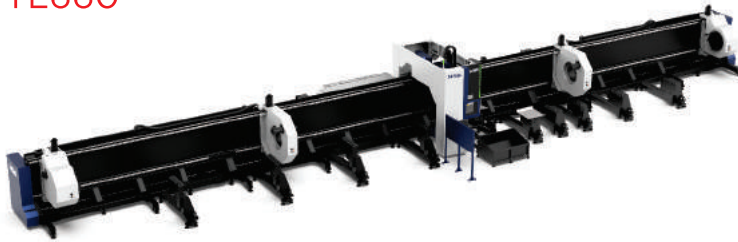
For visitors, IMTEX Forming 2024 becomes a gateway to a world of opportunities. Exploring Laser Technologies exhibit offers a firsthand experience of futuristic solutions that elevate precision, boost productivity, and streamline operations across diverse sectors. The insights gained from interactions, live demonstrations, and discussions can equip attendees with the knowledge to make informed decisions for their businesses.

Laser Technologies Pvt. Ltd. assumes a central role at IMTEX Forming 2024, signifying more than a mere display of cutting-edge technology. It embodies a commitment to redefining industry benchmarks, fostering innovation, and unlocking new possibilities. This event serves as a pivotal opportunity not only for LTPL's collective growth but also as a conduit for visitors to behold the transformative potential of laser solutions in metal forming and beyond.

Call: (+91)86574 12551 | info@lasertechnologies.co.in | www.lasertechnologies.co.in

PRODUCT SPECIFICATIONS

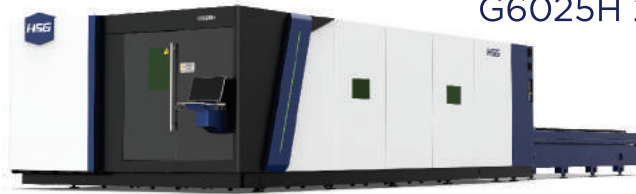
HSG Laser Tube Cutting Machine TL660



Specifications:

- Heavy-duty pneumatic chucks for stable clamping.
- Maximum clamping diameter: 660mm (Round Tube).
- Single tube bearing: 3000 Kg.
- Automatic Loading and Unloading System (Optional).
- HSG-XBus Control System.
- Tube Splicing Technology.

Laser Sheet Cutting Machine G6025H 20KW



Specifications:

- Laser Power: 20KW output for efficient cutting.
- Sheet Size: Can handle upto 6000 mm to 2500 mm sheets with precision.
- Super Dynamic Performance for efficient processing.
- Bus Control System: Upgraded version of Bus Control System has strong and diverse functions, which makes users enjoy green and intelligent control system through simple operations.
- Heat Protection coating work without heat damage fear.
- High-precision Transmission System.
- Upgraded Matrix Machine Bed with level-up rigidity.
- Brand-new Aluminum Beam.

Single Bed Laser Cutting Machine 6KW



Specifications:

- 6KW Laser Power: Cuts stainless steel and mild steel precisely.
- Material Compatibility: Handles varied thicknesses in architectural works.
- Ease of Use: Simplifies control for precise customization.
- Automation Integration: Boosts productivity in cutting processes.
- Applications: Ideal for architectural stainless steel and mild steel elements.
- Follow-up Response Technology.
- Professional Nesting Software with Standard Configuration.
- Single platform with open structure which can load materials from three directions to achieve tiny machine size.
- Power 6000W and can process up to 3000mm to 1500mm.

Laser Engraving GCC



Specifications:

- Laser Type: CO2, ideal for diverse material engraving.
- Laser Power: Ranges from 30W to 150W, offering varied intensities.
- Material Compatibility: Engraves wood, acrylic, leather, glass, and more.
- Engraving Speed: Efficient rates up to 1000mm/s for productivity.
- Resolution: Provides detailed engraving from 1000 to 5000 DPI.
- Software Compatibility: Works with design software for user-friendly customization.
- Cooling System: Equipped with air or water cooling for optimal performance.
- Safety Features includes enclosed workspaces and emergency stops.
- Applications for artistic designs, signage, industrial marking, and prototyping.

Laser Tube Cutting Machine R3



Specifications:

- Laser Power: Adaptable for different materials and cutting needs.
- Tube Handling: \varnothing 20-219 o20-150.
- Material Compatibility: Precision cuts on various tube materials.
- Cutting Speed: 90 m/min.
- HSGX 9000 Bus-based Tube Cutting Control System.
- Automatic Pneumatic Double Chucks.

Handheld Laser Fiber Welding Machine



Specifications:

- Power Range: 1000W to 3000W
- Maneuverability: Handheld design allows welding in diverse positions.
- Material Compatibility: Works across various metals for versatile applications.
- Efficiency: Maintains high-quality welds while optimizing production.
- User-Friendly: Simplifies operation for welders of varying expertise.

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BREAKING RECORDS

IMTEX FORMING 2024: Heralding a Bright Future

Set against the backdrop of state-of-the-art machinery and visionary insights, the inaugural ceremony of IMTEX FORMING 2024 & Tooltech 2024 instilled a sense of optimism as industry experts supported their insightful deliberations on the trends and technologies within the metal forming sector with awe-inspiring numbers, echoing the industry's unwavering commitment to progress.



L-R: Rajendra S Rajamane, President, IMTMA; CK Venkataraman, Managing Director, Titan Company Ltd; Mohini Kelkar, Vice-President, IMTMA; Geetanjali Kirloskar, Chairperson & Managing Director, Kirloskar Systems Pvt Ltd; Jamshyd N Godrej, Chairman – Exhibitions – IMTMA and Jibak Dasgupta, Director General & CEO, IMTMA and BIEC at the opening ceremony.

The eighth edition of IMTMA's flagship event and Asia's largest exhibition on metal forming and manufacturing technologies, IMTEX FORMING

2024 & Tooltech 2024 was inaugurated yesterday with the traditional lamp lighting ceremony by the Guest of Honor CK Venkataraman, Managing Director, Titan Company

Ltd and Chief Guest Geetanjali Kirloskar, Chairperson & Managing Director, Kirloskar Systems Pvt Ltd. Other dignitaries present included Jamshyd N Godrej, Chairman, Exhi-

bitions – IMTMA; Rajendra S Rajamane, President, IMTMA; Mohini Kelkar, Vice President, IMTMA; and Jibak Dasgupta, DG & CEO – IMTMA.

To be continued on 4 ▶

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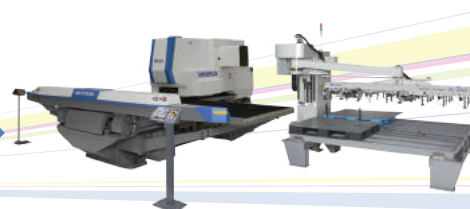
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at its best!



Punching Machine with 8-Station Tapping.

M2048TS
with SL2512



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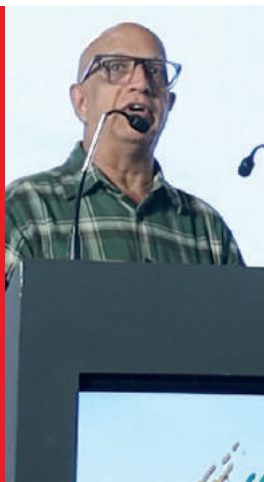
JAMSHYD N GODREJ
Chairman
Exhibitions – IMTMA

If India develops, it has to develop more as an integrated country. The job of the industry to spread out more and more is very important. I hope that exhibitions such as IMTEX FORMING allow us to promote interconnectedness and a developed India.



CK VENKATARAMAN
Managing Director
Titan Company Ltd

The Indian machine tool industry caters to the automotive sector in a big way today. However, it has to focus on precision manufacturing too, so that we can reliably depend on our domestic machine tools manufacturers completely.



GEETANJALI KIRLOSKAR
Chairperson &
Managing Director
Kirloskar Systems Limited

The manufacturing sector is positioned to do very well in the next few years. The automotive sector and the machine tool industry have a symbiotic relationship with one sector's growth pushing the demand in the other. The growth of the automotive sector has been the driving force for machine tools for many years.



Source: Magic Wand Media

Towards an integrated India

Speaking at the inauguration, Venkataraman stated, "The soul of the Titan company is in technology and manufacturing. Today, it has become a well-rounded lifestyle product company. We are not only going to manufacture a world-class product, we are going to manufacture world-leading products in the coming days. So the machine tool industry is very much sitting in making that happen."

"Although the Indian machine tool industry is very large, it has to rise in the area of sophistication. The kind of parts that we make for our watches need a very high level of

precision. The Indian machine tool industry caters to the automotive sector in a big way today. However, it has to focus on precision manufacturing too, so that we can reliably depend on our domestic machine tools manufacturers completely," he added.

In his opening address, Godrej highlighted the growth and significance of IMTEX over the years and highlighted BIEC's substantial presence as the largest exhibition center in South India. He acknowledged the support received from the industry and emphasized the importance of connectivity, both in terms of infrastructure and industry-customer relationships. "The infrastructure in

and around BIEC is also being upgraded. We will see better connectivity with the metro station already being built in front of BIEC which will ease the commuting experience for anyone planning to visit the exhibitions and events at BIEC," he stated. The ultimate goal,

according to him, is to see the Indian manufacturing industry flourish and extend its reach, promoting a more connected and developed India. "If India develops, it has to develop more as an integrated country. The job of the industry to spread out more and more is very important. I hope that exhibitions such as IMTEX FORMING allow us to promote interconnectedness and a developed India," he added.

Contributing to India's development

Rajamane emphasized the need for the machine tool industry to diversify beyond serving traditional sectors like automobiles. It suggests expanding into emerging industries such as electronics, semiconductors, renewable energy, defence, aerospace, electric vehicle battery manufacturing, toys, and agriculture. "The focus should be on producing high-quality, reliable products that can compete globally and encouraging innovation to gain a competitive edge. The industry is urged to develop energy-efficient, multitasking machines with an eye on exporting to global markets," he added. The Indian manufacturing industry is positioned very well to take off to increase its contribution to GDP in the next five years. The consumption of machine tools in India increased about 55 percent

in 22-23, reaching about US \$3 billion. Reminiscing about her journey, which began on the shopfloor decades ago, Kirloskar said, "The manufacturing sector is positioned to do very well in the next few years." She added, "The automotive sector and the machine tool industry have a symbiotic relationship with one sector's growth pushing the demand in the other. The growth of the automotive sector has been the driving force for machine tools for many years. The automotive industry landscape is changing with the entry of hybrid, electric vehicles and flexi fuel engine vehicles giving new opportunities for the machine tool industry." She acknowledged the significant role of IMTEX FORMING in the metal forming sector, highlighting its critical importance for the Indian manufacturing industry. She noted the Government's emphasis on initiatives such as 'Make in India', 'Digital India', and 'Skill India' in positioning India as a global manufacturing and design hub. She referred to the 'plus one strategy' and geopolitics, suggesting that these factors are contributing to India's development in the manufacturing sector. Kelkar thanked all dignitaries, exhibitors, visitors, and international associations for their support, making the event a global success. **SD**



Indian Machine Tool
Manufacturers' Association

Enabling Transformation of Indian Manufacturing



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community



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Indradev Babu, Managing Director, UCAM Pvt Ltd (fourth from right) was awarded IMTMA DB Cooper Award for outstanding supply chain unit in memory of Sir D. B. Cooper to recognize units in the supply chain of the machine tool industry.

Source: Magic Wand Media

Future Technologies with Amada

AMNC 4i^e



VENTIS AJe

Fiber Laser

- Fiber laser with LBC Technology
- AMNC 4ie Controller
- Laser Integration System (LIS)
- Energy-saving performance

AMNC 4i^e



EGBe

- Electric servo drive press brake
- AMNC 4ie Controller
- Smart operation package
- 90% less oil consumption



Four E's that solve the problems

Easy

Operation for anyone to use

Easier for anyone

Efficiency

Remote machine operation

Efficiency anywhere

Environmental

Sustainability in production

Friendly to the environment

Evolution

With our customers

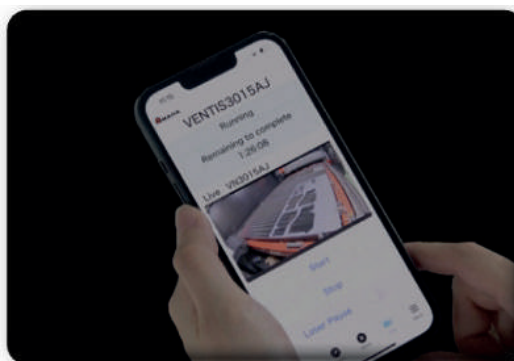
Grow together with our customers



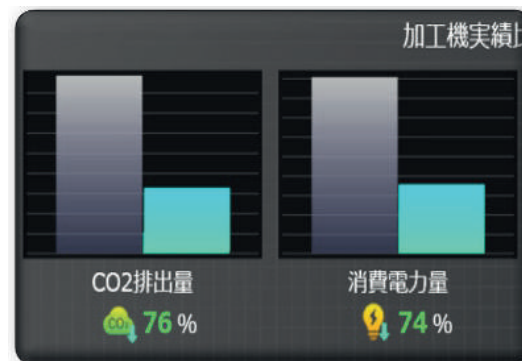
Facial Recognition Function



Start-up Inspection Guidance



Mobile HMI Function



CO2 Emission Reporting Function



Among environmentally friendly products, those that have been significantly improved in product assessment compared to the previous model are declared as **ECO PRODUCTS**



Hall No - 5
Booth No - B105



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Technical and Vocational Center
No.60, KIADB Bengaluru Aerospace Park,
Singahalli Village, Budigere Post, Bangalore,
North Taluk - 562129, India.
Ph:080-71100200



FIRMING FOOTPRINT IN INDIA

TRUMPF Expands in India, Announces to add New upcoming Facility in Pune

To strengthen its presence in India, TRUMPF announced investing into setting up a production Facility in Pune, India. The proposed new facility, to be spread across a sprawling area of 43,000 sq ft, is to commence its operations by the end of this year.



L-R: Mohammed Hidayath, Director sales, TRUMPF India Pvt Ltd; Pradeep Patil, Managing Director, TRUMPF India Pvt Ltd and Till Kueppers, Chief Operating Officer, TRUMPF Machine Tools, Germany during the expansion announcement of TRUMPF India

At a recently held press conference Till Kueppers, Chief Operating Officer, TRUMPF Machine Tools, Germany, shared the company's plans for investment in India, especially Pune, and stated, "This significant expansion of our footprint in India not only underscores our commitment to growth and innovation but also deepens our connection with the dynamic economy and culture of this fascinating country." To expand its business and strengthen its relationship with the Indian community, he added, "The proximity to this emerging market allows us not only to produce more efficiently but also to respond more quickly to our customers' needs, shortening

delivery times and enhancing customer satisfaction." TRUMPF's long-term expansion strategy begins with this investment and it plans to invest €5 million for the new plant, with a planned capacity of 300 units per year. Pradeep Patil, Managing Director, TRUMPF in India, noted, "Our commitment to quality positions us as a preferred choice in the Indian market. Customers can expect faster turnaround, responsiveness, and efficient service with local production. The facility also acts as a hub to upgrade the skills of our service technicians, adding significant value for our customers."

Machines of the future

The new facility will initially produce TruBend series 1000 Basic

Edition bending machines, with plans to expand to TruLaser cutting series 1000 Basic Edition by 2025. In addition to this development, TRUMPF is bolstering its support infrastructure by adding a showroom in Bengaluru, covering an area of 22,100 sq ft, to serve southern customers. It is slated to be operational within this year.

Smart factories and growth

Witnessing a substantial demand for automation and Industry 4.0-based solutions, providing various scopes for growth, Mohammed Hidayath, Director Sales, TRUMPF in India, commented, "We look forward to having multiple smart factories enabled with room automation solutions in India. Automation and Industry

4.0-based solutions are in high demand, providing growth opportunities. We are creating a new business vertical in India to service our customers in solar, consumer electronics, and semicon market areas, and we expect great growth." IMTEX FORMING 2024 is featuring the company's latest sheet metal applications, laser cutting equipment, and welding solutions. In conclusion, Hidayath, said, "As we embark on this exciting journey, we look forward to maintaining growth and a brighter future for all stakeholders involved in this success."

TRUMPF India Pvt Ltd
www.trumpf.com
Hall & Stall: 4/B-101

TILL KUEPPERS Chief Operating Officer TRUMPF Machine Tools Germany TRUMPF

The proximity to this emerging market allows us not only to produce more efficiently but also to respond more quickly to our customers' needs, shortening delivery times and enhancing customer satisfaction.



PRADEEP PATIL Managing Director TRUMPF India Pvt Ltd

Customers can expect faster turnaround, responsiveness, and efficient service with local production. The facility also acts as a hub to upgrade the skills of our service technicians, adding significant value for our customers.



MOHAMMED HIDAYATH Director Sales TRUMPF India Pvt Ltd

We are creating a new business vertical in India to service our customers in solar, consumer electronics, and semicon market areas, and we expect great growth. As we embark on this exciting journey, we look forward to maintaining growth and a brighter future for all stakeholders involved in this success.

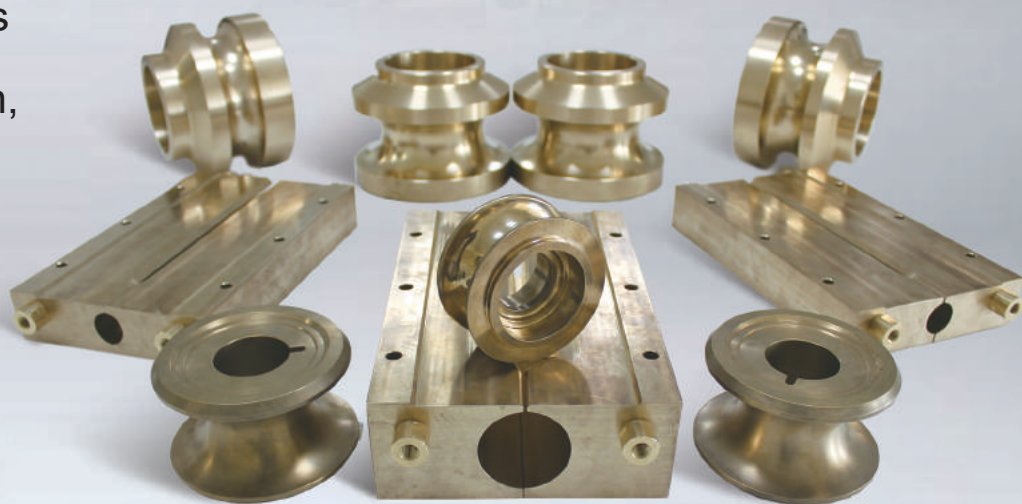


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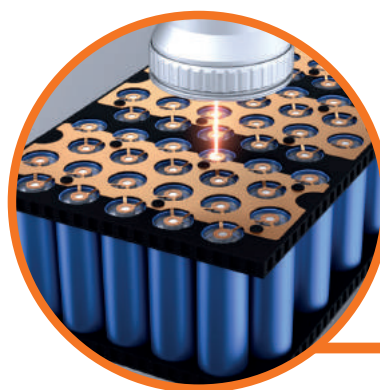
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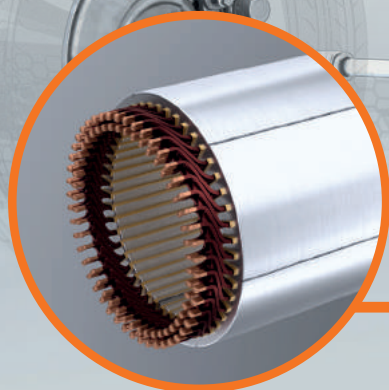
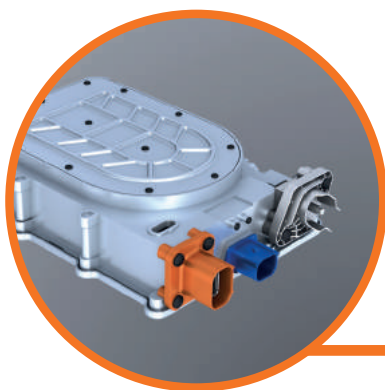
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IPG Laser Technology powers the **MOST PRODUCTIVE** EV welding solutions in the industry

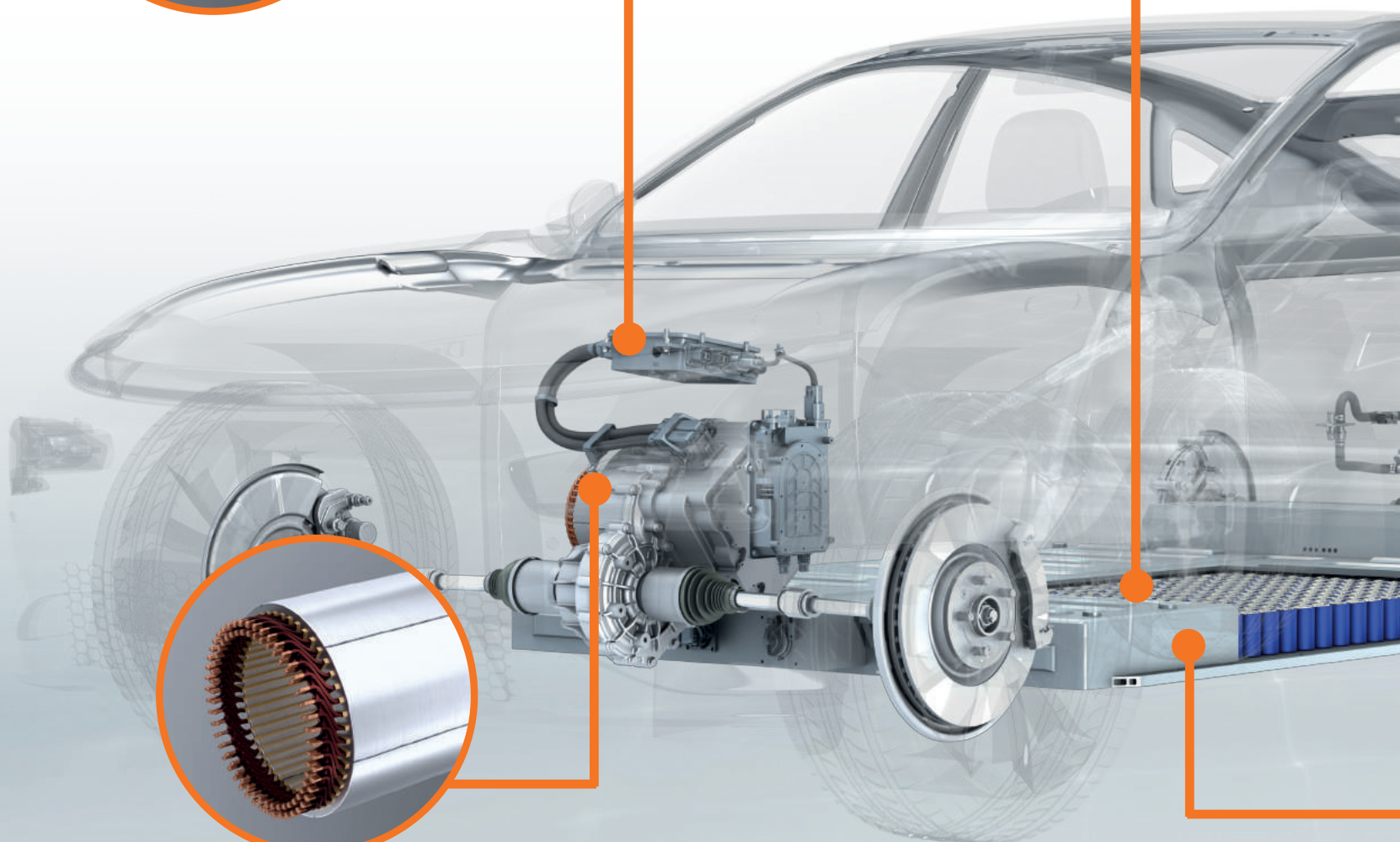
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ELECTRIC MOTORS



BA

APPLICATIONS

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HIGH-SPEED SPATTER-FREE WELDING

Adjustable Mode Beam (AMB) laser technology **eliminates spatter** for **improved battery performance**



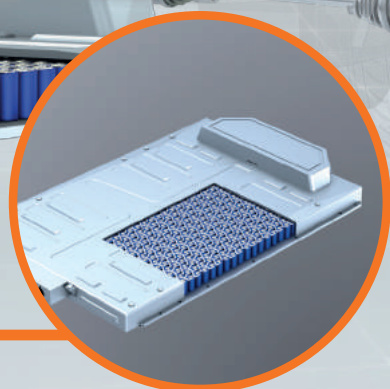
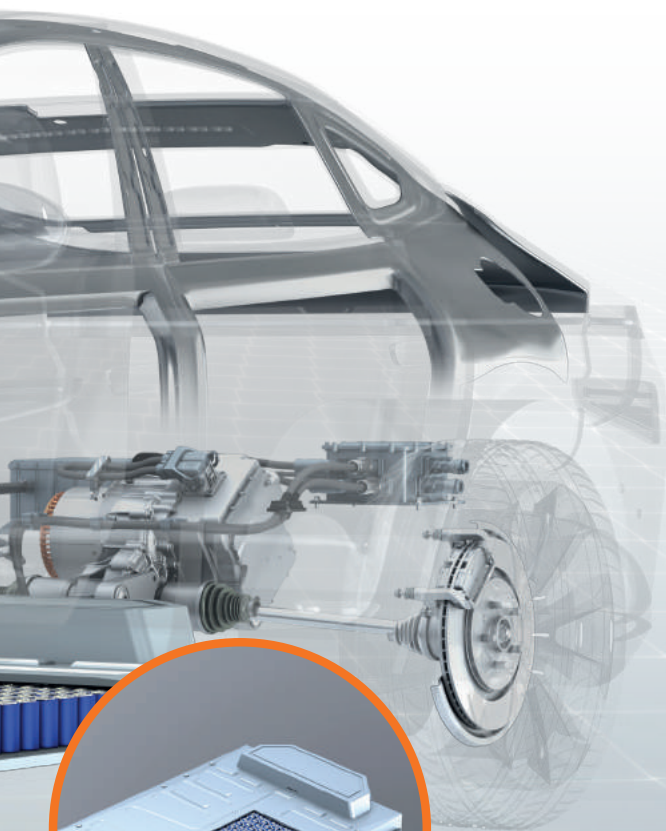
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Unveiling Innovations



Source: Magic Wand Media

Amada (India) Pvt Ltd
www.amadaindia.co.in
 Hall & Stall: 5/B-105

Amada India eagerly shares a glimpse into its showcase at IMTEX FORMING 2024, highlighting groundbreaking products and technologies set to transform the sheet metal industry. Participating in IMTEX FORMING contributes substantially to the company's business growth. The exhibition provides a platform to reach new customers, showcase innovative technologies, and interact with a broad industry audience. The exposure garnered during the event enhances business prospects and accelerates the company's market presence.

Focus on sustainable manufacturing

At IMTEX FORMING 2024, Amada India has introduced its range of ECO products to support the Indian Sheet Metal industry with sustainable manufacturing. "We are launching many first technologies like Locus Beam Control (LBC Technology) fiber laser technology designed for high-speed material

processing, impeccable cut quality, and cost-effectiveness. We are introducing Bending Automation for job shops to support high-mix, low-volume manufacturing. At the same time, our focus is on IoT-based equipment and software to enhance customers' productivity," shares Niraj Seth, President, Amada (India) Pvt Ltd.

According to him, another most important process in fabrication is Bending, which needs a high-accuracy, high-speed, low-skill operation press brake. "Taking this need in consideration, we are going to introduce a complete servo-driven, automation-enabled press brake system which will revolutionize the bending operation," he remarks.

The introduction of Bending Automation for job shops addresses the needs of high-mix, low-volume manufacturing. Amada recognizes the importance of IoT-based equip-

NIRAJ SETH
 President
 Amada (India) Pvt Ltd

Participating in IMTEX FORMING contributes substantially to Amada's business growth. The exhibition provides a platform to reach new customers, showcase innovative technologies, and interact with a broad industry audience.



Source: Amada (India) Pvt Ltd

ment and software in enhancing customer productivity and strives to integrate this focus into its offerings.

Target industries

Amada India extends its invitation to visitors and delegates from diverse sectors, anticipating a significant turnout from sheet

metal fabricating industries, including construction, agriculture, telecom, medical equipment, and aerospace. With solutions tailored for small, medium, and large-scale manufacturers, Amada is poised to engage with professionals across the spectrum of sheet metal applications. **SD**

LIVE DEMOS (10 AM TO 6 PM)

- New Fiber Laser Machines
- New Press Brakes
- New IoT Software

PLATE ROLLING MACHINES

e-POWER from DAVI

DAVI fully electric e-POWER is the latest innovation in Plate Rolling Machines. Unlike existing hybrid concepts that blend hydraulics with electrics, this system uses no hydraulic components whatsoever. This adaptation of electric power to all phases of rolling machine operation also greatly improves ease of maintenance and energy efficiency, while making for a more quiet, compact machine that ensures hassle-free installation. Created in the company's headquarters, located in the most high-tech region of Italy, DAVI e-POWER has been manufactured for accuracy and performance. **SD**

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www.batliboi.com
 Hall & Stall 4/A-152



Source: Batliboi Ltd



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Hall & Stall: 3A/126



Source: Magic Wand Media

Tushar Pawar, National Head, AMPCO Metal India Pvt Ltd, considers IMTEX FORMING as one of the most notable exhibitions in India. "It's a platform to connect with everyone who matters – potential customers, industry leaders, and fellow innovators. It is a one-stop shop to showcase our solutions and engage with the entire ecosystem," he notes. AMPCO Metal India is proud to be the inventor of high-performance copper alloys. These alloys open possibilities for engineers working with challenging materials like stainless steel, titanium, Inconel, etc. At IMTEX, the company demonstrates these solutions firsthand and finds opportunities to partner with companies on new, challenging, and exciting applications.

Displaying a unique range of alloys

As an inventor of high-specialty copper alloys and manufacturing the same under the brand name of AMPCO® and AMPCOLOY®, the company, at IMTEX FORMING 2024, presents a range of high-hardness aluminum bronze and high-conductivity copper alloys. "We are showcasing metal forming tools produced in our range of high wear- and tear-resistant materials like AMPCO®18, AMPCO®21, AMPCO®25 and AMPCO®M4 along with high conductivity materials like AMPCOLOY®83, AMPCOLOY®940, AMPCOLOY®972," shares Pawar. At IMTEX FORMING 2024, it is displaying solutions for the metal forming industry like tube bending tools, tube forming + welding rolls, deep drawing dies, high-

TUSHAR PAWAR
National Head
AMPCO Metal India Pvt Ltd

No matter the application, we understand that specific needs require specific materials. That's why we offer a unique range of high-performance alloys that are unequaled in their capabilities.



Source: AMPCO Metal India Pvt Ltd

wear resistant parts, resistance welding electrodes, anti-spatter solutions, etc. The parts produced for pharmaceutical and food packaging applications are on display as well.

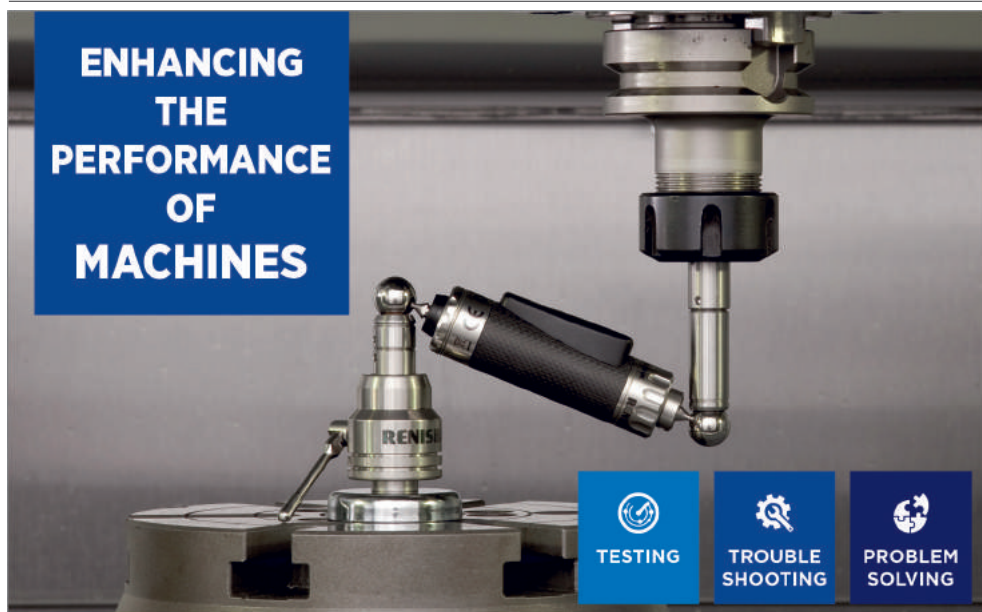
"We have recently ventured into metal additive manufacturing

which revolutionizes the way metal components are produced, offering unprecedented design freedom, cost-efficiency, and time savings," he adds.

It is also showcasing its AMPCO®25 material, which is prominently used in tube-forming rolls and deep drawing dies. AMPCOLOY® high-conductivity copper alloys are used for resistance welding, plastic mold, anti-spatter, etc. applications. **SD**

LIVE DEMOS – (10 AM TO 6 PM)

- Tube bending tool set + consumables
- Toolings for metal forming



AMTTF
ADVANCED MACHINE TOOL TESTING FACILITY
An ISO 9001:2015
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ALL ELECTRIC BALL SCREW PRESS BRAKES

Muratec AC Servo Press Brake BB4013

Source: Meiban Engineering Technologies Pvt Ltd



drive mechanism is superior in environmental performance as it is oil-less and comprises a reducer that reduces noise. The consistent repeat stop accuracy (repeatability) makes BB Series machines highly accurate.

The machine comes in 2 different models: BB4013 and BB6020. The CNC is easy to see and easy to use due to the large size of the operation panel (22" wide display). It is equipped with a new UI, enhanced operator support function and a newly developed MOS (Muratec Operating System). The operator support function has been enhanced, including an announcement and an indicator to

notify the machine status. The newly developed Advanced Ram Acceleration Control (ARAC) technology has enhanced RAM's operational response, leading to a reduction in cycle time.

In addition to all these above functions, BB4013 comes with a high-rigidity offset frame which permits the back gauge to be used up to the full machine length, enabling step bend. The machine comes with a high-precision 4-axis back gauge.

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Muratec BB series AC Servo Press Brake realizes high productivity and high precision due to AC Servo Motor Technology. RAM Shaft drive enables high-speed movement at 100 mm/sec and a stable repeat-stop accuracy by adopting a ball screw drive mechanism by AC Servo motor and ball screw drive. This

Meiban Engineering Technologies Pvt Ltd
www.meibanengg.com
Hall & Stall: 4/B-103

HEATING AND DRYING DIODE LASER SOLUTIONS

IPG Photonics' DLS-U-ECO Series Lasers

IPG Photonics' DLS-U-ECO Series Lasers are ultra-compact Diode Laser Systems for industrial heating and drying applications. The Series announces the arrival of solid-state heating to replace less efficient infrared bulbs and environmentally unfriendly gas-fired furnaces. Extremely high-power conversion efficiency along with exceptionally low impact on the ambient factory environment make the cost-of-ownership and return-on-investment of a diode furnace compelling.

Their applications include: Drying – Li-ion Battery Slurry, Paint, Powder Coating; Annealing/Curing – Industrial Coatings; Semiconductor – Wafer Heating.

The features of the lasers include exceptional efficiency (industry-leading energy efficiencies over 55%), compact footprint up to 4x smaller than gas furnaces, simple water cooling, and low carbon footprint.

SD



IPG Photonics (India) Pvt Ltd
www.ipgphotonics.com
Hall & Stall: 4/B-110

Source: IPG Photonics (India) Pvt Ltd

FIBER LASER CUTTING MACHINES

SLTL's Vector Fiber Laser Cutting Machine

Step into the future of sheet metal processing with SLTL Group's cutting-edge debutant at IMTEX FORMING 2024, the Vector

Fiber Laser Cutting Machine, poised to transform the industry. This machine boasts of unparalleled craftsmanship, productivity, and quality with a groundbreaking

5X faster laser piercing speed, available in the 4 kW to 30 kW power range. The Vector is Industry 4.0-ready, ensuring efficient cutting across diverse materials.

Engineered with micron-level accuracy, it eliminates the need for post-processing, promoting rapid growth.

Enhanced by 'e-Tron' technology, the Vector establishes itself as a class-leading laser cutting solution, surpassing expectations and setting new standards for speed and dependability. With controlled ultra-high power, it significantly reduces production times, energy consumption, and cost per part. Experience minimal piercing times for uninterrupted and highly effective operations, ensuring a seamless workflow at the highest standards. The machine optimizes design, power, and acceleration, unlocking unparalleled returns on investment with its cost-effective system. Meticulously researched and precisely developed, the Vector guarantees maximum ROI with state-of-the-art construction, minimal operating costs, and reliable components.

SD

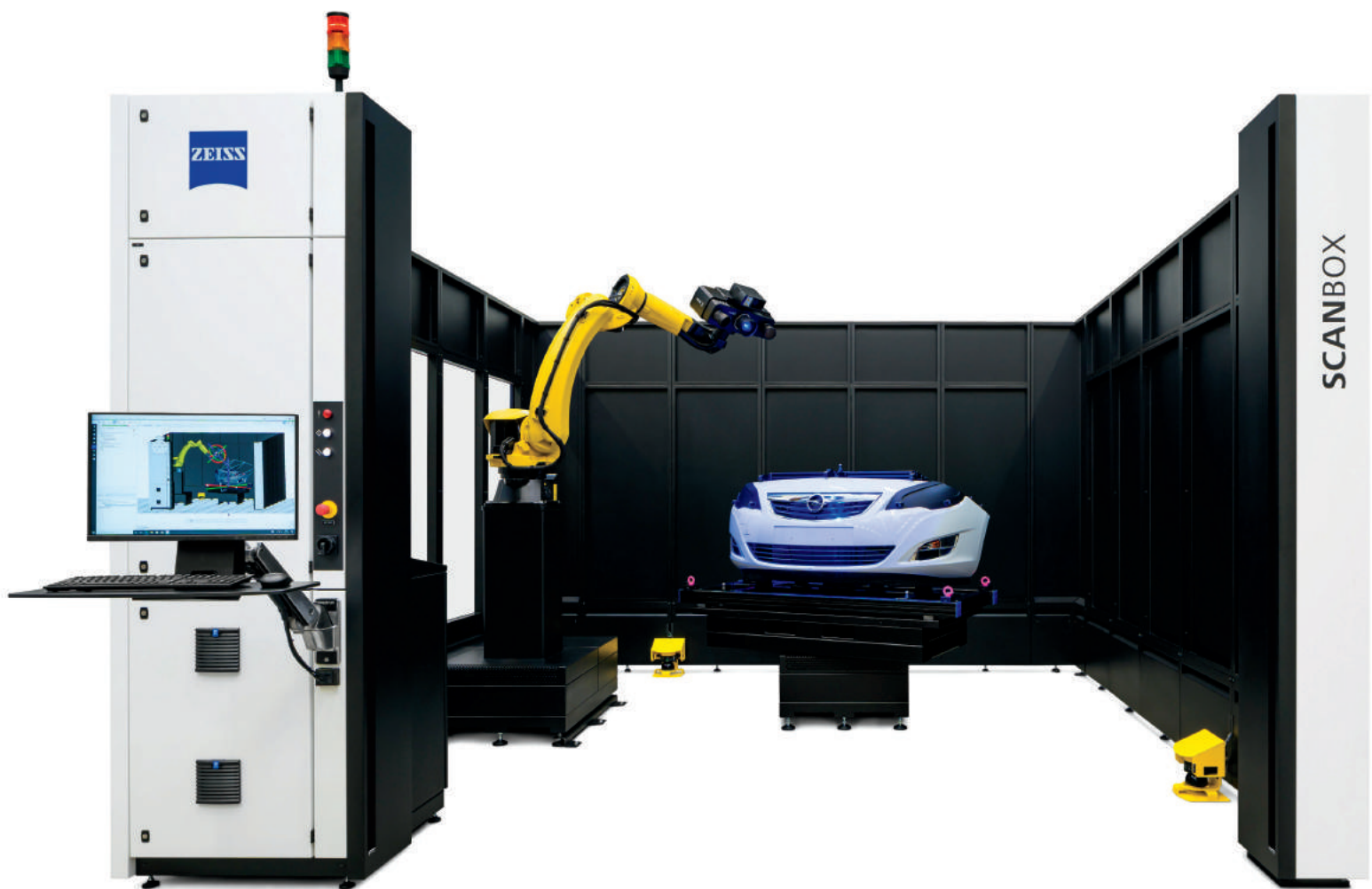


SLTL Group
www.sltrl.com
Hall & Stall: 5/B-106

Source: SLTL Group

ZEISS ScanBox Series 5: automated, modular, customer-driven

The new optical 3D measuring machine by ZEISS combines new high-end components and enhanced user convenience.



Benefits:

- Three new model variants for efficient quality control in the production process
- Modular concept allows for flexible adaptation to the user's needs
- Ergonomic design with height-adjustable control panel
- High throughput thanks to automation: controlling measurements with ZEISS Inspect Pro and VMR

INTERNATIONAL SEMINAR ON FORMING TECHNOLOGY 2024

Self-Reliance in India's Forming Technology

Organized by Indian Machine Tool Manufacturers' Association (IMTMA), the International Seminar on Forming Technology (ISFT) 2024 at Bangalore International Exhibition Centre on January 18 laid the foundation for a comprehensive exploration of forming technology innovations and applications.



L-R: Ingrid Rasquinha, Joint Managing Director, Electropneumatics & Hydraulics (I) Pvt Ltd and Chairperson, International Seminar on Forming Technology; Mohini Kelkar, Vice-President, IMTMA; Laxmesh BH, Vice President & Head of Missiles & Aerospace Business, Larsen & Toubro Ltd; Rajendra S Rajamane, President, IMTMA and Jibak Dasgupta, Director General & CEO, IMTMA and BIEC during the seminar.

President, IMTMA said, "Your presence enriches ISFT 2024 by promoting knowledge sharing and collaboration."

Challenges & opportunities

The sessions highlighted the metal forming industry's challenges and potential, particularly in light of indigenization of India's defence.

Laxmesh BH, Vice President & Head of Missiles & Aerospace Business, Larsen & Toubro Ltd, underscored the importance of the metal forming sector in the country's journey towards self-reliance in the defence sector. Urging industry stakeholders to work together to address problems in the path, he pointed out, "Despite challenges such as precision limitations, cost issues, and geopolitical volatility, there is a noticeable shift from being a major defence importer to fostering domestic production."

Diverse themes and diversification

Pointing toward the comprehensive nature of the seminar, Ingrid Rasquinha, Jt Managing Director, Electropneumatics & Hydraulics (I) Pvt Ltd and Chairperson, International Seminar on Forming Technology, said: "Our sessions cover a spectrum of themes including New Technology Trends, Equipment and Processes, Tools and Enabling Ecosystem, and Laser Applications and Joining. We expect a rich exploration of forming technology and this session aims at exploring the changing environment of forming technologies, from aerospace to industrial."

Mohini Kelkar, Vice President, IMTMA, emphasized that identifying opportunities to diversify the machine tool sector beyond the automotive industry was crucial.

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International Seminar on Forming Technology (ISFT) 2024 featured insightful keynote presentation on 'Prospects in Defense Sector for Indian Manufacturing Industry' by L&T Defense. Welcoming the audience, Rajendra Rajamane,

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VDW – GERMAN MACHINE TOOL BUILDERS' ASSOCIATION

Strengthening Business Bonds

India has long been an important and large market for the German machine tool industry. "Hence, IMTEX FORMING is an excellent platform for intensifying cooperation with the Indian industry and with our Indian customers, for selling machines and entering into cooperations. VDW and the German exhibitors are excited to participate in IMTEX FORMING 2024 and connect with our existing and new customers," says Klaus-Peter KuhnMünch, Manager General Affairs, VDW (German Machine Tool Manufacturers' Association). "The division of IMTEX into metal cutting and metal forming has been a good decision. After all, it is in line with the global trend towards establishing more and more different trade fairs within the production technology sector, thus addressing even more targeted, qualified trade visitors. Meanwhile, it has established itself as India's leading trade fair for forming technology/sheet metal working," he adds.

Comprehensive German product range on display

Although the Indian machine tool industry has developed significantly in terms of technology, German machine tools are highly valued in India and are sold well in various sectors. "The range of products and services offered by the German machine tool industry is very diverse. It ranges from simple machines to very complex special technological solutions, especially in the field of forming technology/sheet metal processing. Consultancy, financing, and service are also an outstanding strength of German suppliers. And this ultimately also benefits our highly valued customers in India," states KuhnMünch. India currently ranks 13th among Germany's most important customer countries worldwide. Exports of German machine tools to India summed up to about €195 million in 2022. This represents an increase of around

KLAUS-PETER KUHNMÜNCH
Manager General Affairs
VDW – German Machine Tool Builders' Association

IMTEX FORMING is an excellent platform for intensifying cooperation with the Indian industry and with our Indian customers, for selling machines and entering into cooperations.



Source: VDW

55 percent compared to the previous year. Exports also rose sharply in the first ten months of 2023 to €184 million. That was around 29 percent higher than in the same period of the previous year. The types of machines exported in 2023 are very diverse: grinding machines, eroding machines, gear-cutting machines, machining centers, presses, lathes, etc.

After China and Japan, Germany has been the third most important supplier of machine tools to India for many years. It is followed by South Korea, Taiwan, and the USA.

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VDW – German Machine Tool Builders' Association
www.vdw.de
Hall & Stall: 4/B-121



IMTEX FORMING 2024
Hall: 3A
Stall: C116

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REWARDS & RECOGNITION

IMTEX FORMING 2024 Celebrates Industry Stars

In a grand ceremony at IMTEX FORMING 2024, Indian Machine Tool Manufacturers' Association, announced two prestigious awards: IMTMA Export Performance Award and IMTMA Best Design Award. These awards, instituted in 2023, honor member companies who excelled in machine tool exports and demonstrated excellent indigenously designed products.

IMTMA Export Performance Award 2024



ISGEC Heavy Engineering Ltd received the award in Metal Forming Manufacturer Category



Jyoti CNC Automation Ltd received the award in Metal Cutting Manufacturer Category



IND-Sphinx Precision Ltd received the award in Sub-System / Accessories Manufacturer Category



ITL Industries Ltd received the Jury Appreciation Award

IMTMA Best Design Award 2024



Electropneumatics & Hydraulics (I) Pvt Ltd received the award for CNC hybrid bender model 50CNC5X3



Valgro India Ltd received the award for Deburring edge rounding and scale removal machine: SLR2BD


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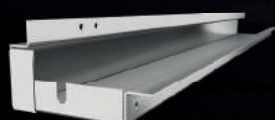
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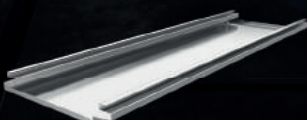
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