SHOWDAILY™

ACMEE 2025
16th International Machine Tools Exhibition
An AIEMA Initiative
19 - 23 June 2025
Chennai Trade Centre, Chennai, India

CONCURRENT SHOW
Artech 2025
AUTOMATION & ROBOTICS
TECHNOLOGY SHOW 2025

ORGANIZED BY
AIEMA SINCE 1963

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ISSUE - 2 | SATURDAY, 21 JUNE 2025

VALUE EXPERIENCE

LMW®

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Hall - D, Stall - D 25

NEXT-Gen MACHINES

S Turn 2M Compact TMC

- Max. Turning Length - 400 mm
- Max. Turning Dia - 320 mm
- Chuck size - 200 mm
- 12 station live tool turret
- Rotary tool speed 6000 rpm
- Tool change time 0.7 sec

AUTOMOBILE AEROSPACE VALVE PUMPS ELECTRONICS

JV 84 Vertical Machining Center

- Stroke: (X,Y,Z) – 800 mm x 500 mm x 500 mm
- Table Size – 1050 x 450 mm
- Max. load on table- 500 kg
- Belt driven BT 40 spindle with 6000 rpm
- No. of Tools – 24 Nos
- Compact footprint with rigid structure

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COVER STORY

Engineering Trust, Powering Progress

Chennai's manufacturing landscape is set for a technological spectacle as ACMEE 2025—India's premier international machine tools and automation exhibition—kicks off from June 19–23 at Chennai Trade Centre. Among the leading names shaping this year's event is LMW Ltd, a veteran exhibitor and a trusted name in industrial machinery manufacturing, unveiling a stellar lineup of cutting-edge machines tailored to evolving industry demands.

Source: LMW Ltd

Soundhar Rajhan K, Chief Strategy Officer, LMW Ltd and S Siva Arvinth, President, LMW Machine Tool Division, LMW Ltd along with the dynamic team at ACMEE 2025.

For LMW, ACMEE serves as an excellent convergence point for decision-makers, engineers, and shop-floor professionals across diverse industries. As Shashank Joshi, Head - Sales, LMW Machine Tool Division, LMW Ltd, puts it, "It allows us to engage directly with both existing customers and potential end-users who are seeking the latest in precision machining solutions."

Built for Chennai's Shopfloor

The Chennai industrial belt is largely driven by the automotive and auto-component industries, and—Joshi reveals—LMW's compact and high-productive machines are highly preferred here. Models like the S Turn, LL Series – Turning and Turnmill Centers and J, JV Series - Vertical Machining Centers (VMCs) are widely deployed by tier-1 and tier-2 automotive suppliers owing to their precision, automation readiness, and ability to meet strict quality and cycle time needs. "Our partnerships with several Chennai-based OEMs and other industries have strengthened this preference, making LMW machi-

Source: Magic Wand Media

nes a trusted choice in the region," he states further.

At ACMEE 2025, LMW showcases a range of VMCs, and Turn-Mill solutions tailored for diverse industry needs. This includes the JV 84 Vertical Machining Center, JD2 L Compact Vertical Machining Center, S Turn 2M Compact Turnmill Center, and JHF 400 Heavy-Duty Horizontal Machining Center. These machines reflect the latest in precision engineering, versatility, and operational efficiency.

"When selecting exhibits for such trade fairs, we consider key regional and industry-specific factors. Chennai, being an automotive and component manufacturing hub, influences our decision to showcase machines ideally suited for automotive part production," Joshi explains. "Furthermore, factors like anticipated visitor profiles and emerging customer demands in sectors like EV, defence, aerospace, and electronics also guide our display lineup to ensure relevance and business impact."

Source: LMW Ltd

SHASHANK JOSHI
Head - Sales
LMW Machine Tool Division
LMW Ltd

What sets ACMEE apart is the quality of footfall—the visitors are not just curious browsers but serious evaluators with specific manufacturing needs. This makes our booth an active interaction zone.

Fueling India's Factory Future

LMW has been proactive in aligning with the global shift towards automation and Industry 4.0 integration. "We offer automation solutions such as gantry loaders, robotic arms, and automatic pallet changers, catering to customers aiming for higher productivity and reduced manual intervention," shares Joshi. "Our IoT-enabled digital platform, integrated with our machines, empowers users to track performance metrics, reduce downtime, and optimize production seamlessly. This ensures that our machines are future-ready for smart factory environments."

The LMW sales head further highlights focused investments in three critical areas to elevate India's standing in the global machine tool industry, especially in the domain of high-precision, high-speed, multi-axis machines.

"Firstly, advanced research and development (R&D) must be prioritized to drive innovation in design, control systems, mechatronics, and material technologies. Secondly, there is a pressing need to invest in skilling and talent development by fostering closer collaboration between industry and academic institutions. Building a workforce proficient in automation, robotics, IoT integration, and multi-axis machining will ensure that future manufacturing capabilities align with global standards. Lastly, embracing digitalization and smart manufacturing practices is crucial," he notes.

By addressing these areas holistically, Joshi stresses, Indian machine tool manufacturers can meet the rising demand for complex, high-performance machining solutions across sectors like aerospace, medical, and precision engineering.

ACMEE Effect on LMW

LMW has had a longstanding and rewarding association with ACMEE, participating in almost every edition. "As one of South India's premier machine tool exhibitions, ACMEE has consistently provided us a vibrant platform to showcase our latest innovations and manufacturing solutions to a wide spectrum of industries," he shares.

Through these years, the show has mirrored the growth of India's manufacturing sector and LMW's evolution from offering CNC machines to today's range of advanced, automation-ready, multi-tasking machining solutions—shaping the technological landscape of the industry. "What sets ACMEE apart is the quality of footfall—the visitors are not just curious browsers but serious evaluators with specific manufacturing needs," he adds, welcoming the attendees. "This makes our booth an active interaction zone where we understand real-time market requirements, gather feedback, and establish new business relationships that translate into long-term partnerships." SD

Source: Magic Wand Media

WORKHOLDING & TOOLHOLDING SOLUTIONS

Schunk Powers ACMEE 2025

Source: Magic Wand Media

Satish Sadasivan, Managing Director, Schunk Intec India and team welcome ACMEE 2025 attendees.

SATISH SADASIVAN
Managing Director
Schunk Intec India

MSMEs are the driving force behind India's manufacturing future and are the lighthouse for the Indian manufacturing industry.

Source: Magic Wand Media

As the title and lanyard sponsor of ACMEE 2025, Schunk Intec India Pvt Ltd is making an unmistakable impact at the event—with its signature blue branding making the right splash, and by showcasing cutting-edge solutions that define the future of smart manufacturing.

Welcoming visitors to the 'Schunk Innovative Arena', Satish Sadasivan, Managing Director, Schunk Intec India, expressed optimism about India's manufacturing future. "India's manufacturing sector has never been in a better position. With rising investments and a robust policy environment, the country is now one of the most attractive global manufacturing destinations," he remarked.

Global Innovation with Local Relevance

This approach blends international engineering excellence with the practical needs of domestic industry, particularly MSMEs.

At the show, Schunk is showcasing a comprehensive range of workholding and toolholding systems, gripping technology and automation technology, equipped with AI-enabled and autonomous capabilities, geared toward highly automated, smart factory environments.

Facilitating MSMEs to Scale Up

A long-standing patron of the AIEMA–ACMEE platform, Schunk continues to play an active role in supporting India's MSME-driven manufacturing growth.

He pointed out that MSMEs must be both resourceful and competitive, which makes transitioning from traditional methods to smart manufacturing essential.

"Automation and robotics are a necessity for MSMEs to stay competitive and scale up," he said. He added that many businesses are now including these technologies in their core strategy for growth over the next 5 to 10 years. SD

SCHUNK Intec India Pvt Ltd
www.schunk.com
Hall & Stall: E/41

INDUCTION MOTORS

Spartan Electricals Showcases High-Efficiency Motor Solutions

Known for delivering robust and energy-efficient standard and custom-built electric motors for the past six decades, Spartan Electricals, a key division of the Batliboi Group, is targeting sectors such as machine tools, textiles, construction, cooling towers, and pumps at ACMEE 2025.

Rakesh P Kulkarni, General Manager – Operations, Spartan Electricals, shared insights into the company's advanced manufacturing capabilities. "Our facility in Thane is fully equipped with state-of-the-art automation systems, including an auto-winding setup that supports high-capacity motor production," he said.

Spartan's commitment to energy efficiency is evident in its product development. In addition to its widely used induction motors, the company also manufactures PMAC (Permanent Magnet AC) and synchronous motors, achieving efficiencies of up to 92 percent. "We have high-efficiency vacuum integration testing in place to ensure performance and reliability," Kulkarni added.

Source: Magic Wand Media

Rakesh P Kulkarni, General Manager – Operations, Spartan Electricals, at the company's booth at ACMEE 2025

At ACMEE 2025, Spartan Electricals is actively engaging with OEMs across multiple applications such as lathe machines, welding units, drilling systems, and grinding equipment. "This platform allows us to connect with existing clients while exploring new opportunities in the machine tool sector," said Kulkarni. "We're optimistic about building new partnerships during the exhibition."

With its decades of experience and a strong technological foundation, Spartan Electricals continues to serve as a trusted partner for custom motor solutions across industries. SD

Spartan Electricals
www.spartanelectricals.com
Hall & Stall: H/126

INTERNATIONAL CONFERENCE ON AUTOMATION AND ROBOTICS

Toward an Empowered, Tech-Driven Industry

The International Conference on Automation and Robotics, a two-day event organized by the Ambattur Industrial Estate Manufacturers' Association (AIEMA) in collaboration with IIT Madras, opened on June 20 at the Chennai Trade Centre.

Source: Magic Wand Media

Source: Magic Wand Media

MSMEs: At the Core of Smart Manufacturing

India's MSMEs, which account for 45 percent of the country's manufacturing output, are undergoing a quiet but powerful digital transformation. From real-time monitoring and predictive maintenance to collaborative robots and cloud-enabled operations, the promise of automation is becoming more tangible.

"Today's vehicles are more about software than hardware," said Dr Shankar Venugopal, Vice President, Mahindra & Mahindra, during the opening session. He noted that this shift demands a complete rethink of traditional manufacturing. "We're seeing a move toward mass customization—customers want personalized products at scale. Digital tools must help us get there with faster ROI."

He also called for developing a new class of engineers, "We need mobility engineers who can work across disciplines—mechanical, electrical, software. Reskilling must be fast, flexible, and industry driven. Hence, industry-academia collaboration is highly critical. If India can crack this, we can become a global player in reskilling."

But technology alone isn't enough. "To achieve ROI," said Shankar Viswanathan, ex-CIO, Sundaram Clayton, "companies need to address their internal workflows before investing in digital tools. It's about aligning process improvements with tech."

Prof N Arunachalam, Department of Mechanical Engineering, Indian Institute of Technology Madras, pointed, "Where we lack is the connect between industry and academia. The industry has to come forward. Academia is already ready to work with industries to develop innovations that can transform industries. Operational, asset and resource excellence are three things you need to focus on to ensure a complete digital transformation."

The Digital Twin Revolution

In the second session of the day, experts unpacked the potential of digital twins—virtual replicas of machines or systems that help in real-time tracking and simulation.

AN Srinivasan, Vice President, IT, SRF Ltd, noted, "It helps in predictive maintenance or preventive maintenance to reduce unplanned shutdowns. However, the data analysis is critical, you need to decide which is the data that is required for the correct prediction."

For Vishnu Vardhan, Founder, Crion Tech, digital twins represent the convergence of IT and operational technology. "It's not just about monitoring—it's about simulating future scenarios and making smarter decisions in real time."

"Whether it's a refinery or a defence facility, digital twins can replicate past scenarios and predict possibilities. It's a cost-saver, but adoption takes time and understanding," said Puneet Badrinath, Founder, Fabrik Space, highlighting its relevance beyond factories.

Siva Subramanian, CDIO, JK Fenner, added a note of realism. "Results don't come overnight. Implementation has to be phased, and ROI builds gradually. As adoption increases, costs will fall. It's an investment in long-term stability." SD

EMPOWERING MSMEs

SIDBI Brings Financial Firepower to MSMEs

Source: Magic Wand Media

Anburaj C, Deputy General Manager and Branch In-charge, Ambattur, SIDBI (3rd from left) along with Shakti Malik, DGM- DCV Business, Centralized Marketing Cell (1st from right) at ACMEE 2025.

As India's only financial institution exclusively dedicated to the MSME sector, SIDBI's presence reinforces the show's broader message: innovation must be matched by access.

"From greenfield projects and startups to IPO-bound enterprises, we're with MSMEs through every phase of their growth," notes Anburaj C, Deputy General Manager and Branch In-charge, Ambattur, emphasizing SIDBI's mission.

Anburaj highlights several of SIDBI's offerings that are helping small and medium businesses scale effectively: Collateral-free loans, Purchase-order-based financing, Bill discounting, Greenfield project funding, Land and machinery finance, and Support for defence manufacturing projects.

Going Digital

More notably, SIDBI is revolutionizing access with completely paperless, end-to-end digital loan processing.

"Today, if an MSME approaches us with three years of ITRs, GST details, and bank statements, we can sanction loans up to INR 3 crore—within half an hour," informs Anburaj. "For existing SIDBI customers, the limit goes up to INR 5 crore or even higher."

He also explains how SIDBI's funding framework includes CGTMSE-backed collateral-free lending and other smart options like fixed deposit-backed limits. These efforts ensure MSMEs can access capital without traditional roadblocks.

SIDBI's presence at ACMEE sends a strong message: growth isn't only about machines—it's about empowering the visionaries behind them.

"Getting a loan from SIDBI is very simple," Anburaj concludes. "I urge MSMEs to come to us, experience our service, and grow with confidence." SD

Small Industries Development Bank of India
www.sidbi.in | Hall A, Stall-A1

SLIDING HEAD AUTOMAT

AceMicromatic Group
www.acemicromatic.net | Hall & Stall: AceMicromatic Hall / E-42

SHA-20/3 for Small-Sized Components from ACE

SHA 20/3 Model is designed specifically to bring high productivity in machining small-sized components..

SHA Machines of ACE Designers stand out as the only company in India with over 12 years of expertise in delivering tooled-up solutions specifically for the SHA product line. With an innovative approach aimed at overcoming production challenges, SHA offers automation solutions capable of completing multiple setups in a single cycle—starting with bright bars and ending with fully finished components.

Leveraging the combined power of dual spindles, gang tools, and rotary tools, these machines provide the flexibility to perform a wide range of operations including turning, milling, drilling, and tapping. The result is high accuracy and reliability, coupled with enhanced productivity that reduces both production time and cost. SHA solutions also ensure optimum utilization of manpower, consumables, and shop floor space. The company offers dedicated application support for the development of complex parts across sectors such as medical, defence, automotive, electrical, hydraulic, aerospace, and general engineering.

Source: Ace Designers Ltd

The SHA20/3 is a high-performance machine designed for precision small-part machining, equipped with a powerful built-in motor for the main spindle and capable of achieving spindle speeds up to 10,000 rpm. It offers 3-axis machining capability and supports both synchronous revolving guide bush and guide bushless options with a reliable collet holding system. The machine accommodates 13 tools, including 4 rotary tools, and allows for continuous operation using a bar feeder for diameters ranging from ø3 mm to ø20 mm. Key features include a main spindle chucking device, headstock cooling device, and a rotary tool driving unit to support live tooling. SD

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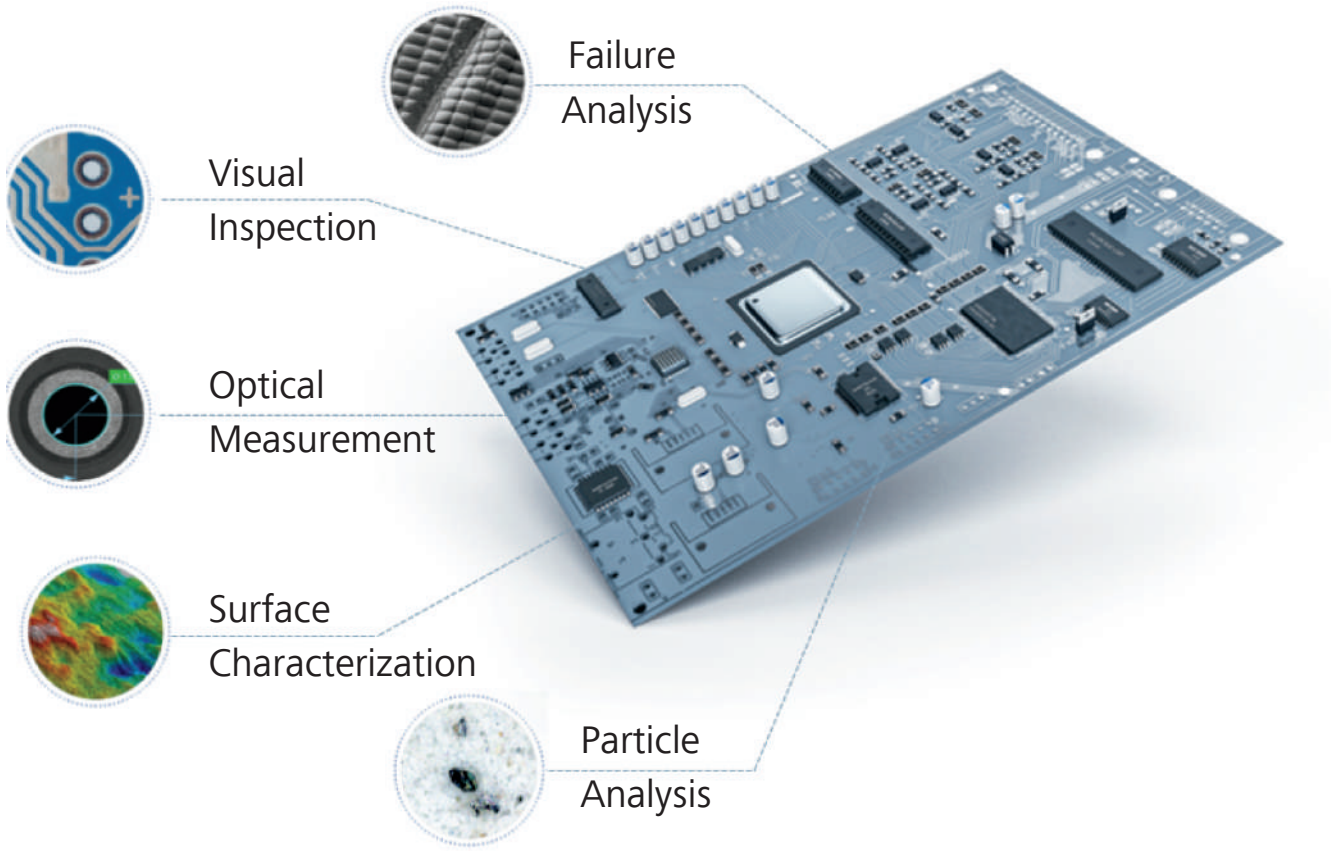

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Lets meet at ACMEE 2025. Find Us Here!

Hall :F
Stall :44

19th to 23rd June 2025

ACMEE 2025

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