

## **Digitalization vital to India becoming a key player in the global machine tools industry**

- **Siemens showcasing an immersive and hands-on experience of digitalization for machine tool builders and end users at IMTEX 2019**
- **Providing the foundation for the machine tool industry to adopt Industry 4.0 and move into digital manufacturing, from product design, planning, engineering, execution and digital services**
- **Digitalization can unlock the capabilities of machine tools manufacturers and sustainably improve customers' productivity and competitive standing**

Digitalization is radically and sustainably changing the production environment. As a result, machine builders and companies operating machine tools can now flexibly address market requirements. With its unique offering, at IMTEX, Siemens showcases ways in which machine tool builders can boost their production flexibility and efficiency significantly, drastically reduce their engineering input and time-to-market, as well as consolidate and expand their competitive standing in the global marketplace by digitalizing their operations.

Vijay Pratap Singh, Head of Motion Control business, Digital Factory, Siemens India, said "Digitalization is set to fundamentally transform and advance the machine tool industry which is an integral part of India's manufacturing sector. Adoption of digitalization technologies to meet end-user requirements like increased volume of production, cost reduction and lead-time reduction is crucial. This technology push in the machine tools industry is driven by user industries demand for automation and increase in productivity. Digitalization can unlock the capabilities of machine tools manufacturers and sustainably improve customers' productivity and competitive standing."

Siemens' digitalization portfolio for machine builders ranges from the machine design to engineering through to commissioning and service. For the machine users the range of digitalization solutions includes the entire value chain, from production design and planning

**Siemens Ltd.**

Birla Aurora, Level 21, Plot No. 1080, Dr. Annie Besant Road,  
Worli, Mumbai – 400030, India  
Tel. : (022) 3967 7000, 3967 7537  
Head, Corporate Communications: Ramya Rajagopalan  
Corporate Identity Number: L28920MH1957PLC010839  
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on to execution and services. At IMTEX, Siemens is showcasing state-of-the-art CAD/CAM-CNC – The Digital production chain and production Resource optimization solution, MindSphere - The Cloud-based open IoT operating system, SINUMERIK Controllers and Solutions – The Modular premium machine concepts, Production Lifecycle Management portfolio, Digital Enterprise Suite portfolio solution for the complete process chain starting from Machine tools until the end user level which also includes focus on the revolutionary Additive Manufacturing and Digital Twin technologies, Siemens Financial Services amongst others at Hall 2B, Stall B101.

In addition Siemens is participating in the Industry 4.0 Pavilion at IMTEX to showcase the Ingenuity Truck, demonstrating a comprehensive array of innovative products, solutions and services covering Electrification, Automation and Digitalization, as well as customized financing solutions for the manufacturing segment. The Truck is part of a tour covering over 23 States and 120 cities across India over a period of 2 years. Key verticals targeted include Automotive, Food & Beverages, Packaging, Machine Tools Capital Goods, Power, Pharma, Cement, Minerals and Metals.

Siemens India has also launched the Digital Experience and Application Center (DEX), a full-fledged testing, simulation and training center for the machine tool industry, in Peenya, Bangalore. The DEX allows machine tool manufacturers and users to experience the integrations of hardware with software solutions as well as that of the physical with virtual worlds. Special guided tours to the DEX center are being organized by Siemens for participants at IMTEX. Siemens DEX is equipped with machine tool solutions from Siemens and partners, including machine tool builders, probe manufacturers, tooling suppliers, CAD / CAM solution providers, etc.

For more information, please visit the link below to get a detailed view of the offerings;

<https://www.siemens.com/in/en/home/company/fairs-events/IMTEX.html>

**Contact for journalists:**

Siemens Ltd., Media Relations

Bijesh Kamath, phone: +91 22 3967 7537, 3967 7000

E-mail: [bijesh.kamath@siemens.com](mailto:bijesh.kamath@siemens.com)

Follow Siemens India on Twitter: [www.twitter.com/siemensindia](https://www.twitter.com/siemensindia)

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