

# RETROSPECT



International Machine Tool & Manufacturing Technology Exhibition

Concurrent shows



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



International Exhibition on Digital Manufacturing Technology

Organiser



Indian Machine Tool Manufacturers' Association

Venue



Bangalore International Exhibition Centre

# IMTEX 2023, Tooltech 2023 & Digital Manufacturing 2023

## What was trending?

- Sector-specific solutions for auto, EV, die and mould, aerospace, medical and electronic industries, etc.
- Shift towards multi-axis, multi-tasking, hybrid, and high-precision machines, faster tool change and clamping, inspection based on vision systems, and laser profiling.
- IoT enabled solutions, indicating a shift towards offering customized total solutions than machines.
- Diamond turning machines capable of achieving nano level of surface finish, combination machines for 5-axis manufacturing.
- High precision micro, 5-axis machining center for small parts manufacturing.
- Spiral and bevel gear manufacturing machines.
- Multi-axis gear hobbing machines, camshaft grinders, polygon turning, high-precision double-disc grinder.
- Three-axis moving head surface grinder, high-speed, energy-efficient slant turret design with a removable chip tray instead of a chip conveyor (motor) for sustainability.
- Machine, and robot-based metal additive manufacturing machines, hybrid metal additive machines, etc.



# Facts & Figures

**991**

EXHIBITORS

**5**

COUNTRY PAVILIONS

**5**

EXHIBITION HALLS

**96,000**

VISITORS

**₹2,200-2,800Cr.**

ORDERS

**₹31,000Cr.**

ENQUIRIES

Number of Exhibitors	991
Exhibiting Countries	23: Australia   Austria   China   Czech Republic   France   Germany   India   Israel   Italy   Japan   Korea   Malaysia   Netherlands   Poland   Serbia   Singapore   Slovenia   Spain   Sweden   Switzerland   Taiwan   UK   USA
Country Pavilions	5 [Germany   Korea   Spain   Taiwan   USA]
Exhibition Halls	5
Number of Visitors	96,000
Visitor Countries	Visitors from 81 countries
International Associations	6: Association for Manufacturing Technology (AMT), USA   German Machine Tool Builders Association (VDW), Germany   Japan Machine Tool Builders' Association (JMTBA), Japan   Korea Machine Tool Manufacturers' Association (KOMMA), Korea   Taiwan Association of Machinery Industry (TAMI), Taiwan   Italian Machine Tool, Robot and Automation Systems Manufacturers Association (UCIMU), Italy
Partner Associations / Institutions	8: Automotive Component Manufacturers Association of India (ACMA)   Association of Ludhiana Machine Tool Industries (ALMTI)   Advanced Manufacturing Technology Development Centre (AMTDC, IIT Madras)   Advance Machine Tool Testing Facility (AMTTF)   Confederation of Indian Industry (CII)   Central Manufacturing Technology Institute (CMTI)   Tool & Gauge Manufacturers Association (TAGMA)   Tumakuru Machine Tool Park (TMTP)
Orders	₹ 2,200 - 2,800 crores: Business orders showed an increase of 13% as compared to IMTEX 2019
Enquiries	₹ 31,000 crores: Business enquiries showed an increase of 29% as compared to IMTEX 2019
Trade Delegations	Key Trade Delegations from: Auto Components   Automobiles   Aerospace   Defence   Railways   Telecom   Capital Goods   Electrical / Electronics   Agriculture Equipments



# Concurrent Shows



Exhibitors showcased the world of parts, accessories and systems for machine tools and manufacturing technology.



International Exhibition on Digital Manufacturing Technology

85 Exhibitors.

3000 sqm of gross exhibition space

## Industry 4.0

49 Exhibitors. An increase of 53% compared to 2019.

### Products on Display

- Augmented Reality • Virtual Reality • Communication & Networking
- Data Acquisition Hardware • Guided Vehicles • Smart Handling & Transfer Systems
- IoT Devices, Sensors, and Components • Vision Systems • Artificial Intelligence
- Data Analytics & Cloud Services • ERP • Smart Factory Solutions • CAD/CAM/CAE
- Products and solutions for Machines and Manufacturing

## Additive Manufacturing / 3D Printing

36 Exhibitors. An increase of 71% compared to 2019

### Products on Display

- Additive Manufacturing / 3D printing Machines • Scanning • Digitization • Metrology
- Inspection Equipment • Metal Moulding • Tooling

The percentage of increase in exhibitors demonstrates the demand for digital manufacturing solutions in the manufacturing industry.

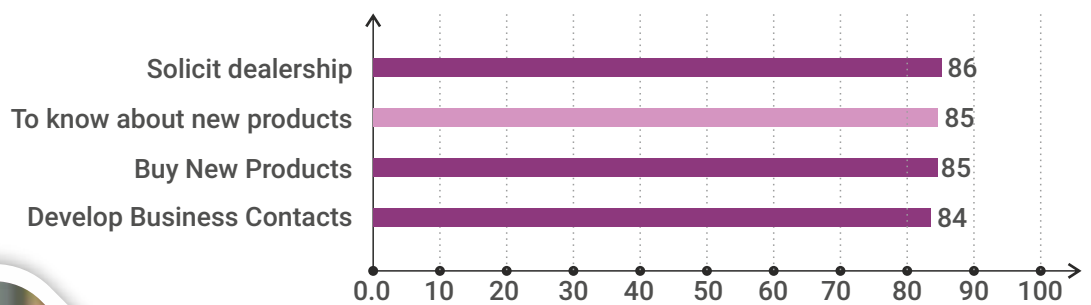
# Co-located Events

i2 Academia Pavilion	Jagruti	Connect	Industry 4.0 Demo
22 Leading Institutions	25 Students   12 Colleges	18 Companies   125 Students	400 participants

# Visitor Analysis

## Purpose of Visit

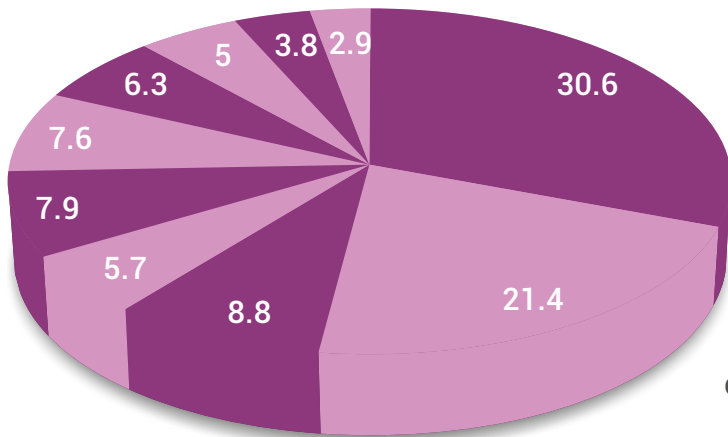
Following graph indicates the score for IMTEX 2023 based on the feedback from the visitors Customer Satisfaction Index (CSI) for purpose of visit in IMTEX 2023: 85% (includes "Purpose of their visit" & "Product display")



Figures in %



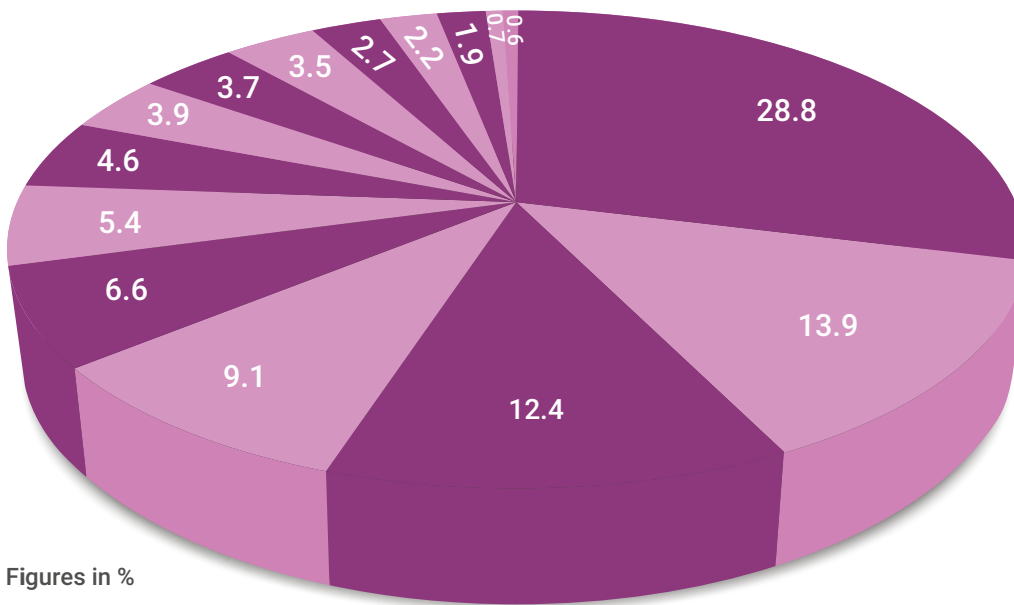
# Department wise Breakup



- Production (Manufacturing / Assembly / Testing) 30.6
- Design / Product Development 21.4
- Maintenance / Servicing / Customer Support 8.8
- IT / Automation 5.7
- Purchase / Procurement / Sourcing / ECM 7.9
- Process Engineering 7.6
- Projects 6.3
- Quality / Testing & Measurement / Metrology / Safety 5.0
- Finance / Admin / HR 3.8
- Others 2.9

Figures in %

# Visitors Segment



Figures in %

- Automotive - Automobiles & Auto Components 28.8
- Metal Working Machine Tools - Cutting / Forming / Welding 13.9
- Industrial Machinery & Others 12.4
- Aerospace & Defence 9.1
- Tools & Dies and Fabricated Metal Products 6.6
- Academic / Technical / R&D Institution 5.4
- Electrical / Electronic & Telecom Equipment 4.6
- Material Handling / Automation 3.9
- Castings & Forgings 3.7
- IT & Software 3.5
- Hydraulic & Pneumatic Equipment 2.7
- Process Plant Machinery - Chemicals / Food / Pharma / Oil & Gas 2.2
- Earthmoving / Mining & Construction Equipment 1.9
- Tractors & Farm Equipment 0.7
- Railways 0.6

# Publications & Awards



Comprehensive Report on Indian Metalworking Machine Tool Industry 2023 | IMTMA Members' Directory 2023 | Exhibition Catalogue on IMTEX 2023 released at the inauguration.



A coffee table book titled 'The Navigator' during IMTEX 2023 inauguration. It is an effort to trace the history and evolution of the Association from 1946, the year it was formed, to the present day.



The IMTMA Premier Outstanding Entrepreneurship Award in memory of Vinod Doshi was conferred to Rajendra S. Rajamane, Managing Director, Rajamane Industries.



The IMTMA BFW Lifetime Contribution Award in memory of H.R. Gupta was conferred to L. Krishnan, Managing Director, TaeguTec India Private Limited.



The IMTMA Best Design Award was conferred to Amace Solutions Private Limited, Bestek Engineering Private Limited and Bharat Fritz Werner Limited for their exemplary indigenously designed, developed, and manufactured products in metal cutting technology.



The IMTMA Export Performance Award was conferred to Grind Master Machines Private Limited and Trishul Machine Tools Private Limited for their significant achievement in the export of machine tools and related products.

## Testimonials

*This edition of IMTEX & Tooltech was keenly awaited by exhibitors and visitors. Their interest to showcase their offerings was apparent and there was some kind of hunger in the visitors to explore before they acquired what they need.*

**C. Renganathan - Director,**  
Chennai Metco Pvt. Ltd.

*IMTMA did a commendable job in organizing the show. The Digital Manufacturing section had some highly advanced and innovative products on Industry 4.0. It was interesting to witness such a wide variety of technological advancements on one platform.*

**Jaydeep Sagare - Director,**  
Purchasing, Volvo GE India Pvt. Ltd.

*Congratulations IMTEX 23 team. We at Orbital Mekatronik Systems had an excellent response for our safety and automation solutions.*

**Ranjit Kambil - Director,**  
Orbital Mekatronik Systems Pvt. Ltd.

*At IMTEX 2023, manufacturing technology met the actual users who got the best outputs in terms of quality and pricing.*

**Sundaram Anand**  
Director and Co-founder, SPM India

*IMTEX 2023 was one of the best shows ever. Keep it going.*

**L. Krishnan - Managing Director,**  
TaeguTec India Private Limited

*A big thank you to the organizing committee of IMTEX for putting up such a wonderful show. There was an amazing number of visitors that had come on all 7 days.*

**Advait Purav - Production Engineer,**  
CP GRAT-EX Manufacturing Company





# Glimpses from the Exhibition





# Media Coverage

businessline.

## IMTEX 2023 to hold job fair for engineering students from Jan 19-25

This year, the event has more than 900 exhibitors from 23 countries.



INDUSTRIAL  
AUTOMATION

## IMTEX 2023, Tooltech 2023 & Digital Manufacturing 2023 inaugurated

The 20th edition of IMTEX runs from 18th to 20th January 2023 and has 900+ exhibitors from 27 countries.



Singapore, January 2023: IMTEX 2023, Tooltech 2023 & Digital Manufacturing 2023 inaugurated by...

IMTEX 2023, was inaugurated by...



## CERATIZIT Group's extensive product-range now on display at IMTEX 2023 & Tooltech 2023

CERATIZIT Group's extensive product-range now on display at IMTEX 2023 & Tooltech 2023

## Bengaluru to host machine tools expo IMTEX from today

The 20th edition of IMTEX runs from 18th to 20th January 2023 and has 900+ exhibitors from 27 countries.

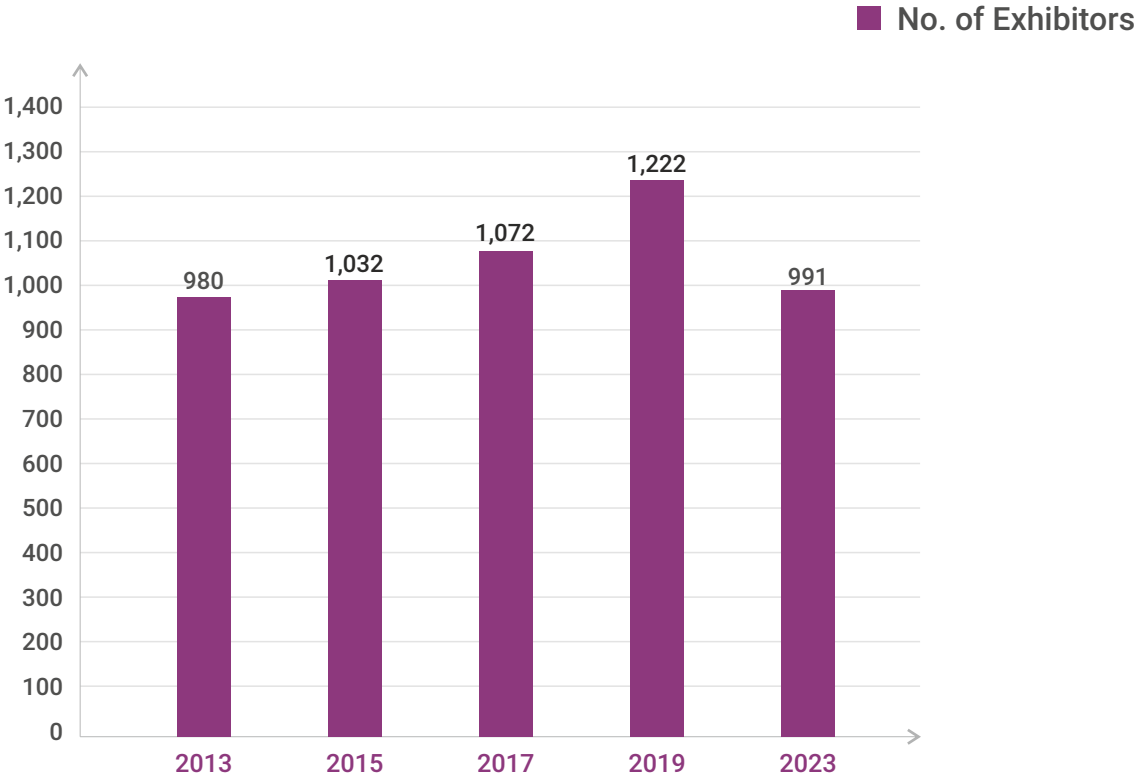
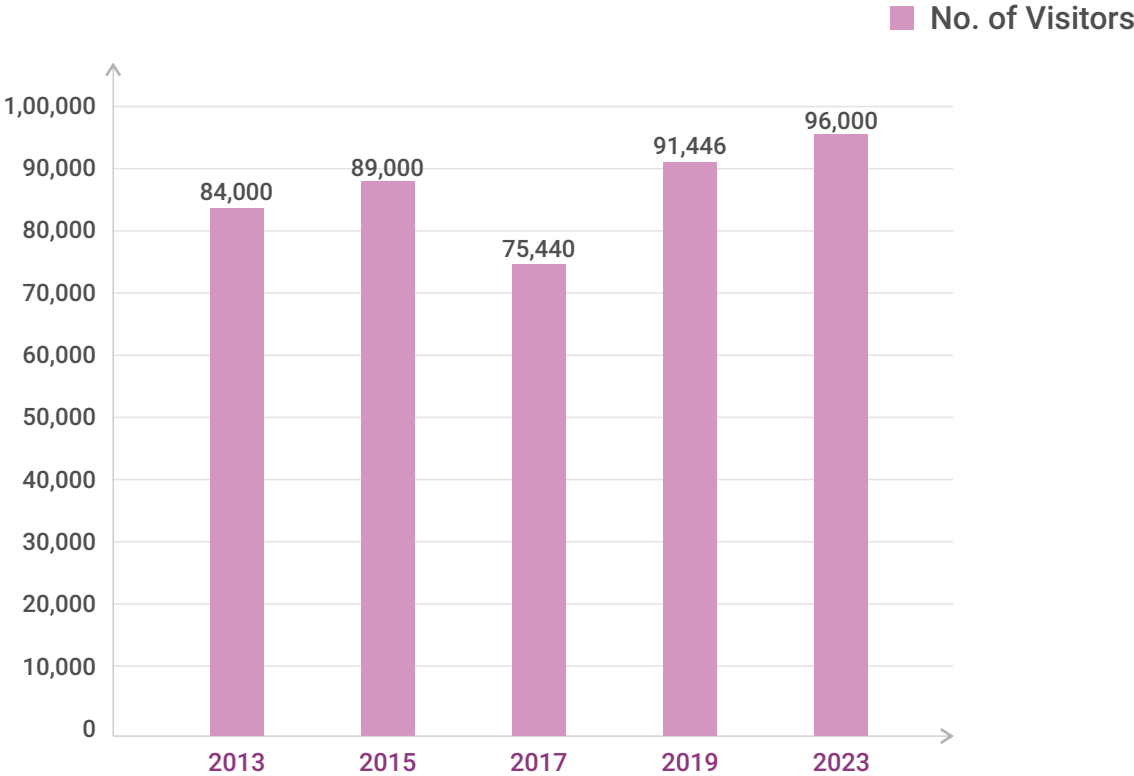


Get Curated

## IMTEX, Tooltech & Digital Manufacturing 2023 – Addressing Manufacturing Needs through Futuristic Technologies



# IMTEX-Last 5 Editions









Indian Machine Tool  
Manufacturers' Association

## Enhancing Machine Tool Industry's Competitiveness OUR INITIATIVES...

### TRADE FAIRS



See you @



International Forming Technology Exhibition



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

Concurrent shows



International Exhibition on  
Digital Manufacturing Technology



Exhibition for Welding, Cutting & Joining

In association with



19 - 23 January 2024, Bengaluru



International Machine Tool &  
Manufacturing Technology Exhibition



International Exhibition of Cutting Tools, Tooling Systems,  
Machine Tool Accessories, Metrology & CAD / CAM

Concurrent shows



International Exhibition on  
Digital Manufacturing Technology

23 - 29 January 2025, Bengaluru



Formed in 1946, IMTMA, today with 460+ companies, is the apex body of Indian machine tool industry and plays an important role in its development through various advocacy measures. IMTMA has set up institutions such as Advanced Machine Tool Testing Facility and Advanced Manufacturing Technology Development Centre, and worked closely with the government to set up a first of its kind machine tool park in Karnataka.

IMTMA has been in the forefront of skill development through its Technology Centres in Bengaluru, Pune and Gurugram. Its flagship show IMTEX is one of the leading global machine tool exhibitions. IMTMA also organizes seminars, summits and regional expos to develop manufacturing industry. A state-of-the-art exhibition venue called Bangalore International Exhibition Centre (BIEC) set up by IMTMA, acts as an ecosystem for the development of exhibitions and events in India.

#### Head Office:

Bangalore International  
Exhibition Centre (BIEC),  
10th Mile, Tumkur Road,  
Bengaluru 562 123. Karnataka

T: +91 80 6624 6600 F: +91 80 6624 6661  
E: info@imttx.in

#### Regional Office (West):

12/5, D-1 Block, MIDC, Chinchwad,  
Pune 411 019. Maharashtra  
T: +91 70660 30531 / 532  
E: imtma.pune@imttx.in

#### Regional Office (North):

Plot No. 249 F, Phase IV, Udyog Vihar  
Sector - 18, Gurugram - 122 015. Haryana  
T: +91 124 4014 101 F: +91 124 4014 108  
E: imtma.ggn@imttx.in

www.imttx.in