

EXPRESSIONS IN PRESSIONS





15-22 January 2001

BUSINESS HOURS 09:30 - 18:00



INDIAN MACHINE TOOL MANUFACTURERS' ASSOCIATION



Intex 2001: a magnificent show, indicating doption of modern technology trends, having greater focus on value for the user.

Showcases the competitive mode of the
Indian machine tool industry with the most
advanced industrial countries
of the world, in a supportive environment.

Indeed, a gateway to the Indian sub-continent for manufacturing solutions in the 21st century!

SHOW



COVER



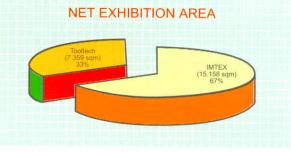
Show

It was the first IMTEX by Indian Machine Tool
Manufacturers' Association (IMTMA) in
the new millennium; held for the fourth-consecutive
time at New Delhi's Pragati Maidan,
from 15 to 22 January 2001. The 11th Indian
Machine Tool Exhibition clearly reined
in the enthusiasm of Indian and other global
machine tool manufacturers, and generated the
'feel good' factor for the industry.

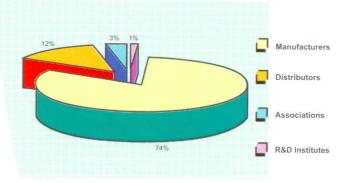
IMTEX 2001 together with Tooltech 2001 kept up the tempo of manifesting before a vast stream of business visitors, the explicit range of contemporary metal-cutting and metal-forming machine tools, together with the advanced range of manufacturing technology solutions.

Coverage

IMTEX 2001 and Tooltech 2001 encompassed 40,000 square metres of gross space, netting 22,517 square metres, across 16 halls in Pragati Maidan exhibition complex.

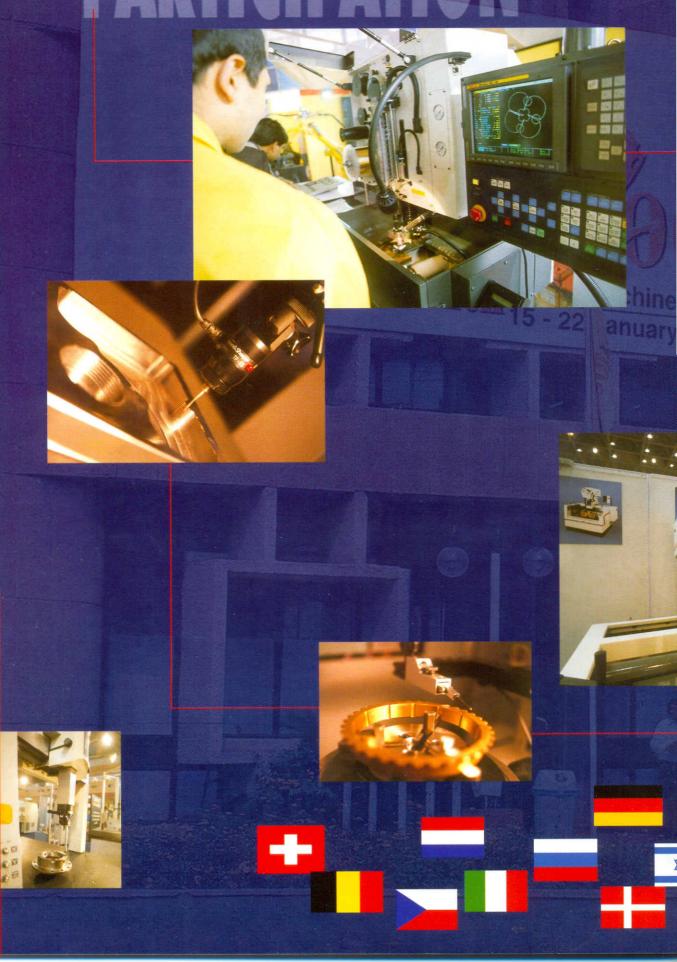


The eight day exhibition had 865 exhibitors from India and overseas, displaying their newest developments over the last three years. While 456 exhibitors took part at IMTEX 2001, the remaining 409 were exclusively placed in Tooltech 2001 halls.



Expansion of market base, together with creation of awareness about product-range formed the key objective of exhibitors in IMTEX 2001 and Tooltech 2001.

PARTICIPATION



Indian Participation

A total of 510 exhibitor from India, including 423 direct participants comprised manufacturers and distributors of machine tools, cutting tools, and other accessories.

Of them, 254 displayed complete machines in IMTEX 2001, while 256 showed their tooling systems and machine tool ancillaries in Tooltech 2001.

Total Indian participation was spread across 16,025 square metres of net space including 10,787 square metres in IMTEX 2001. Indian displays constituted about 70 per cent of the net space in Pragati Maidan exhibition complex.

The exhibition represented over 90 per cent output of the machine tool industry in India, with participation covering all the major machine tool producing companies in India.

The other highlight of the Indian entourage was the presence of 76 manufacturers representing the small-scale industry, who displayed their technological superiority, along with other major Indian and global brands.

Focus of Indian participation clearly was on :

- ★ Display of competitive home-grown technological capabilities.
- ★ Projection of R&D efforts.
- ★ Manifestation of achievements through strategic restructuring.

Overseas Participation

Overseas representation at the exhibition totalled 355 exhibitors from 23 countries. The participation segregated into 202 exhibitors in IMTEX 2001, and another 153 in Tooltech 2001. Germany had the largest overseas participation with 114 exhibitors.

All Others Were From

Austria ★ Belgium ★ Canada ★ Czechoslovakia ★
Denmark ★ France ★ Holland ★ Israel ★
Italy ★ Japan ★ Korea ★ Romania ★ Russia ★
Singapore ★ Spain ★ Sweden ★ Switzerland ★
Taiwan ★ Thailand ★ The Netherlands ★
United Kingdom ★ United States of America





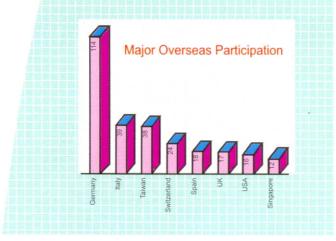


TECHNOLOGY DISPLAY









Unique aspect of the overseas response was the large group-participation from Germany, Italy, Spain, Taiwan, and United Kingdom.

Space used by the participating group-countries totalled 2,524 square metres, resulting in about 40 per cent of the total net area for overseas participants.

The other interesting feature in IMTEX 2001 was the presence of five of the world's top 12 machine tool manufacturing conglomerates.

These 'achievers' displayed their latest technological feats, alongside those from India.

Technology On Display

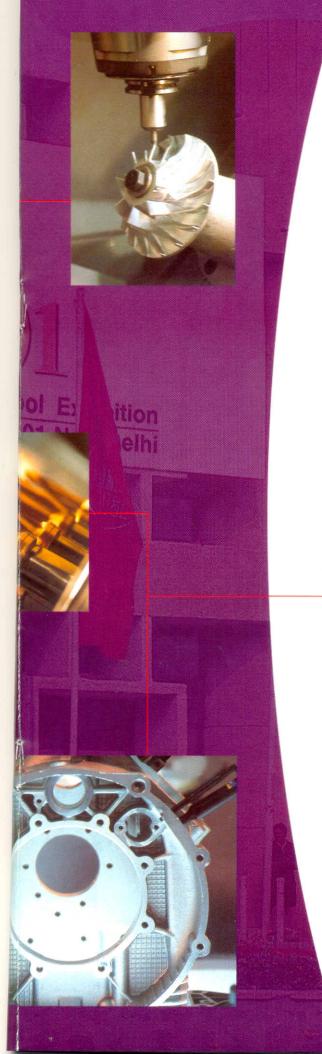
IMTEX 2001 displayed 'live' the complete and state-of-the-art range of application engineering, manufacturing technology solutions, as well as low-cost automation options by the Indian and global machine tool industry. And together with the diversified innovation in cutting tools, tooling systems, and other accessories for machine tools.

The exhibition was also a demonstrator of the futuristic technologies.

Exhibits at IMTEX 2001

Special Highlights

- Computer numerically controlled (CNC) lathes.
- Vertical machining centres.
- Turning centres.
- Grinding machines.
- High speed mechanical presses.
- Industrial robots.
- Die-casting machines.
- Die and moulding making machines.
- Hard turning machines.
- Band saws.



TOOLTECH 2001



INAUGUE





Other Displays

- Machine tools for cutting, forming, parting, and eroding.
- Sheet metal, and wire working machines.
- Machine tools for thermal, electromechanical, and other processes.
- CIM and components for flexible automation.
- · Welding, cutting, hardening, and heating equipment.
- Plastic processing equipment.
- · Wood working machines.

Exhibits at Tooltech 2001

- Cutting, forming, and abrasive tools.
- High speed steel, and solid carbide tools.
- Carbide tipped tools.
- Saws, circular and band saws.
- Coated and bonded abrasives.
- Press tools, dies and moulds.
- Production Aids.
 - Automatic tool, and jaw changers.
 - Balancing equipment.
 - Chucks, jaws, and work-holding devices.
 - Tool monitoring systems.
 - Tool sensing devices.
 - Tool turrets.
 - Tool, and work-holders
 - Jigs, and fixtures.
 - Any other equipment which improves productivity.
- Low-cost machine level automation.
- Fluid power equipment.
- Pneumatics.
- Assembly modules.
- Electrical accessories.
- CNC systems, including systems with open architecture.
- Other machine tool accessories guards, chip conveyors, couplings, filtration systems, gearbox, general fabrications, 'O' rings, oil-seals.
- Raw materials.

Inauguration

The eight-day IMTEX 2001 and Tooltech 2001 was inaugurated by Union Minister of State for Commerce and Industry, Mr. Omar Abdullah, who exhorted the Indian industry to globalise and become more competitive.

Mr. Abdullah called upon the industry to emphasise on training and retraining of workforce; introduce advanced concepts of 'lean manufacturing'; strengthen dialogues with respective customer groups; and target an export share of 25 per cent to total turnover.

VISITORS











Visitor Response

The visitor turnout was impressive as well as memorable in all respects. IMTEX 2001 and concurrent fair Tooltech 2001 was host to over 70,000 core business visitors representing the entire gamut of engineering and manufacturing industries in India and other countries. Almost a third of the total visitor turnout came to IMTEX series for the first time.

Core and other business visitors comprised CEOs, engineers, technicians, operators, academicians; and spanned a wide array of user sectors, including the auto industry, electrical and electronics sector, consumer durable industry, Defence sectors, Railways and job-shops.

Business visitors consisted of decision-makers or higher echelons from Indian user companies, and came to :

- Witness the latest range of product, for specific usage.
- Gather information on technical know-how or technology transfer possibilities.
- Firm up business contracts and purchase decisions.

Buyers Came From

- France.
- Germany.
- Italy.
- Japan.
- Nepal.
- Saudi Arabia.
- Singapore.
- Sri Lanka.
- Switzerland.
- Taiwan.
- United States of America.





















DELECATIONS-



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DIGNITARIES





Not just the natives, even overseas delegations came and visited the exhibition. Prominent among them were a CEO-level team from the G-15 Federation of Chambers of Commerce, Industry & Services, as well as a fact-finding mission from Japan.

Dignitaries at the Exhibition

The rare venture, however, was the visit by a slew of decision-makers from the Indian polity and the bureaucracy, including the presence of Mrs. Sonia Gandhi. Their visit to the exhibition only affirmed the importance that policy-makers attach to the steadfast progress of the manufacturing industry in India.

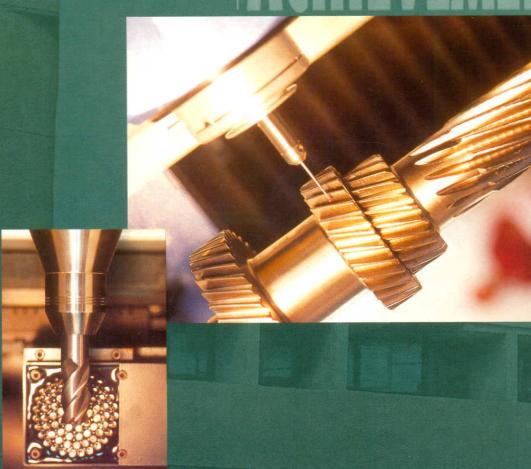
- * Mrs. Sonia Gandhi, President of Indian National Congress.
- * Mr. Om Prakash Chautala, Chief Minister of Haryana.
- ★ Mr. Manohar Joshi, Union Minister of Heavy Industry.
- * Mr. Suresh Prabhu, Union Minister of Power.
- ★ Dr. Vallabhbhai Kathiria, Union Minister of State for Heavy Industries & Public Enterprises.
- ★ Mr. S. Jaipal Reddy, Chief Spokesperson of Indian National Congress and Member of Parliament.
- ★ Mr. D. P. Yadav, Chairman of Parliamentary Standing Committee on Food, Civil Supplies & PublicDistribution.
- * Mr. Montek Singh Ahluwalia, Member of Planning Commission.
- ★ Dr. Jagdish Shettigar, Member of Prime Minister's Economic Advisory Council.
- ★ Mrs. Sulekha Kumbhare, Minister of State for Water Supply & Sanitation, Government of Maharashtra.
- ★ Mr. Rizwan Zaheer Khan, Member of Parliament and Member of Parliamentary Standing Committee on Heavy Industries & Public Enterprises.
- * Secretaries to Government of India and of most economic Ministries.
- * Diplomats and Heads of Missions and Counselors.

A large turnout of budding technocrats from the country's leading technical institutions marked the other exceptional outcome in IMTEX 2001.

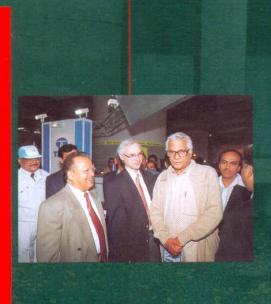
Of them, a group of 19 students from as many engineering colleges paid a

visit to the exhibition, as part of the 'young peoples programme'.

ACHIEVEMENTS



VALED







Achievements

The interactive confabulations with core business visitors assisted exhibitors in firming up contracts, and resulted in considerable sell-out of the 1,000 machines displayed at the exhibition. Intense negotiations between exhibitors and visitors culminated in confirmed business orders to the tune of Rs. 2,000 million, together with business generation of approximately Rs. 16,000 million.

Much of the business contracts signed and enquiries sought pertained to machining centres, a wide range of CNC machines including turning centres, grinding machines, milling machines, press brakes etc.

The most spectacular notch in IMTEX 2001 was forging of strategic alliances by five exhibitors – Arihant Industrial Corporation Limited, HOPE Technologies Limited, Push-up Tools Udyog Limited, Randhwa Engineering Works, and Thakoor Electromechanical Private Limited.

The other notable feat was the changed perception of visitors about IMTEX and Tooltech series, as being a "truly business-oriented exhibition".

Valediction

All that begins well, ends well, as the saying goes!

IMTEX 2001 and Tooltech 2001 had a splendid culmination on 22 January 2001, with a valediction by Defence Minister, Mr. George Fernandes. In his address, chief guest Mr. Fernandes called for greater involvement of the Indian industry in supplying machinery and equipment to the country's Armed Forces.

Reposing greater faith in the manufacturing capabilities of the Indian machine tool industry, Mr. Fernandes emphasised the need for a more close and enhanced interaction between the industry and Defence services. This would enable better understanding of one another's requirements and expectations, he added.

Mr. Fernandes, while visiting IMTEX 2001 and Tooltech 2001, praised the quality of exhibits as well as appreciated the improved competitiveness of the Indian machine tool industry. He called upon Indian manufacturers to tap export markets, and towards that, enter into a consortium approach.

AWARD WINNERS



Indian lachine







Award Winners FIE Foundation Award Ace Manufacturing Systems Limited. Antech Micro Systems Private Limited. Electropneumatics & Hydraulics (India) Limited. Galaxy Machinery Private Limited. HMT Limited. Kalpana Tools & Appliances Private Limited. Parishudh Machines Private Limited. Synthesis. Uday Computer Aided Manufacturing (Private) Limited Widia (India) Limited. CMTI - PMT Trust Award Ace Manufacturing Systems Limited. Batliboi Limited. ETA Technology Private Limited. Electropneumatics & Hydraulics (India) Limited. Grind Master Machines Private Limited. HMT Limited. Jyoti Enterprise. Kalpana Tools & Appliances Private Limited. Plazma Cutting Equipment Private Limited. Widia (India) Limited. The Machinist Award Bharat Fritz Werner Limited. Fanuc India Limited. ISGEC. Jyoti Enterprise.

A GOMPARISON IMTEX 2001 & TOOLTECH 2001

Head	IMTEX 2001 Tooltech 2001	IMTEX 98 Tooltech 98	IMTEX 95	IMTEX 92
Participation				
Gross Exhibition Area (in square metres)	40,000	55,000	45,000	33,000
Net Exhibition Area (in square metres)	22,517	30,891	22,940	17,230
Hall Used	16	19	10	8
Total Exhibitors	865	1,195	819	611
Indian	510	653	537	471
Overseas	355	542	282	140
Countries Represented	24	26	21	16
Visitors & Business				
Business Visitors	70,000 (Core)	Over 120,000	120,000	100,000
Direct Orders (in Rs. million)	2,000	1,450	1,000	220
Business Enquiries (in Rs. million)	16,000	25,000	18,000	5,000
Machines				
Complete Machines on Display (in nos.)	1,000	3,500	2,500	900
Value of Machines on Display (in Rs. million)	1,800	2,200	1,122	971
Power used for Display (in megawatt)	8.0	13.0	7.5	4.0

मशीनी कलपुर्जी का निर्यात २५

नई दिल्ली, १६ जनवरी (बार्ता)। वाणिज्य व उद्योग राज्य मंत्री उमर अब्दुल्ला ने मशीनी कलपुजों के निर्माताओं से अपने कुल उत्पादन का २५ प्रतिशत तक निर्यात करने का आह्यान करते हुए चार सूत्रीय कार्य योजना का सुझाव दिया है।

अब्दुल्ला आज यहां प्रगति मैदान में १५ से २२ जनवरी तक चलने वाली मशीनी औजारों की प्रदर्शनी 'इंडियन मशीन ट्रल एकजीबीशन (इम्टैक्स २००१)' का उद्घाटन कर खे थे। उन्होंने कहा कि इस समय मशीनी औजारों के कुल उत्पादन का पांच प्रतिशत तक निर्यात हो खा है। उन्होंने निर्माताओं से कहा कि वे अपने कर्मचारियों, इंजीनियरों और निरीक्षकों के प्रशिक्षण और पुनर्प्रशिक्षण पर लगातार ध्यान खों ताकि उत्पादन प्रक्रिया में उनका प्रभावी योगदान सुनिश्चित किया जा सके।

अब्दुल्ला ने निर्माताओं से उत्पादन प्रक्रिया को आधुनिक और कम लागत वाली बनाने पर भी जोर दिया। उन्होंने कहा कि उत्पादन की विधिन्न प्रक्रियाओं को एक ही स्थान पर करने के बजाए केवल अपने अंतिम उत्पादन पर ही पूर्ण ध्यान दिया जाना चाहिए और बीच के ऊपादों को अन्य निर्माताओं से हासिल किया जाना चाहिए।

उन्होंने ग्राहकों से संबंधों को और मजबूत बनाने तथा कुल

ABRO expertise in water let machining

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machine tool production.





Indian Machine Tool Manufacturers Association

17 Nangal Raya Commercial Complex, Nangal Raya, New Delhi - 110 046 (India)

Tel: +91-11-5592814, 5599680, 5617613, 5617804. Fax: +91-11-5599882.

Email: imtma@del2.vsnl.net.in & imtmahq@nda.vsnl.net.in Web site: http://www.imtex.org