



FFG – YOUR GLOBAL MANUFACTURING PARTNER

VISIT US

IMTEX 2019
 JANUARY 24 – 30, 2019
 HALL 4 / STALL B112
 Bangalore
 International Exhibition Centre

SHOWDAILY™

The official showdaily of IMTEX 2019

Day 5 • Monday, January 28, 2019

MOTUL **TECH**

THE INDUSTRIAL
 LUBRICANTS DIVISION
 OF THE **MOTUL** GROUP

**VISIT US
 IMTEX
 2019**

**24TH-30TH
 JANUARY
 BIEC, BANGALORE
 HALL 3-B
 STALL C-105**



THE ECONOMIC TIMES

Rb

BEST METAL CUTTING BRANDS 2018

GRINDING MACHINES

Tapping New Opportunities

IMTEX has been largely instrumental in bringing global players to Indian shores to help them identify the opportunities that remain untapped. Toyoda Micromatic Machinery India continues leveraging the platform and sees a gamut of opportunities for investments in the machine tools sector.

Toyoda Micromatic Machinery India Pvt Ltd
www.toyoda.jtekt.co.jp/e/
 Hall 5, Booth B108



Source: Toyoda Micromatic Machinery India Pvt Ltd

(R-L) H Kajijima, Sr. Executive Director, JTEKT Corporation, Japan; S Kato, Executive Director, JTEKT Corporation, Japan; M Ido, Managing Officer, JTEKT Corporation, Japan; H Omura, Chairman, JTEKT Group-India; S K Yadav, Director, Toyoda Micromatic Machinery India Pvt Ltd and M Nagasawa, Managing Director, Toyoda Micromatic Machinery India Pvt Ltd

Today, India stands at the crossroads of growth and there is no looking back. The market poses immense growth potential in the automotive,

consumer and durable goods, heavy engineering and industrial sectors to name a few. Furthermore, global companies have either set up or are setting up manufac-

turing plants in India, attracted by the country's large consumer base and increasing purchasing power. This favourably impacts Indian Machine Tools Industry.

"India is already positioned well globally and with the average growth rate steadily on an increasing path, global-local partner-

To be continued on 2 >

Asia's Leading
Fixture Builder
 Presents
SmartFix4.0

For over 45 years Forms & Gears has been supplying Precision Machining Centre Fixtures to the world's leading Auto OEMs and Machine Makers in Japan, Germany, UAE, Qatar, Thailand, Turkey, Indonesia and all over India.

- ☑ IoT enabled Industry 4.0 fixtures for High Performance Machining.
- ☑ Cloud based application that monitors readings from sensors on fixtures.
- ☑ Fixture level analytics to help isolate and troubleshoot faster.
- ☑ Graphical data with robust analysis.



RV Forms & Gears LLP
 MF 11, SIDCO Industrial Estate, Guindy,
 Chennai - 600 032, Tamilnadu, India
 Call +91 77570 53326 or email us on
marketing@rvformsandgears.com
www.rvformsandgears.com



Continued from 1

ships are taking up stronger precedence as well as the fact that automation will pave the way for more IoE based solutions. Herein, the type of machine and application will change but the demand for machine tools may not change very significantly. India is a buoyant market and with the favourable policies of the government it looks very positive," says Hidekazu Omura, Chairman, JTEKT Group-India.

JTEKT, a leading global player in the machines tools sector, has been making the most of the opportunities offered by the Indian market since its foray in the year 2008. The company has been bringing world-class technologies and products to cater to sectors including manufacturing, automobile, and consumer durables. Globally, its offerings range from grinding machines, horizontal and vertical machining centers, bridge and gantry mills, automation systems and a strong line up of gear skiving centers.

IMTEX presence

The company has been a regular participant at IMTEX. "The JTEKT leadership team is present from across India and Japan to harness the potential of IMTEX as a pow-

erful platform to network and display our offerings," says Omura. This year being a milestone for IMTEX, the company's highlight at the show is Toyoda Brand High Precision CNC Cylindrical Grinder – GL4P, which represents its commitment to the Make-In-India initiative. The machine is designed as per 'JTEKT-Japan' standards with the manufacturing expertise of India's Micromatic Grinding Technologies (MGT).

Collaboration is key

"For our industry as a whole, we see collaboration between global and local companies as a key to succeeding and growing. It not only brings in a perfect blend of technology, it also means more access to joint resources as well as management expertise, and is key to a win-win situation for our industry," states Omura.

JTEKT Corporation's partnership with MGT has stood strong for over a decade. "We have together built a strong presence across the country and have also been able to extend our products and expertise to the South East Asian market as well. 'Make in India' has been a great initiative by the Government and today we can proudly say that it has resulted in a product which is made in India and can cater to the world at



Source: Toyoda Micromatic Machinery India Pvt Ltd

"We have brought our global heritage and precision-based Japanese technology to the Indian market so that customers can manufacture critical components with ease and accuracy."

HIDEKAZU OMURA
Chairman
JTEKT Group-India

large, Toyoda brand's High Precision CNC Cylindrical Grinder, GL4P," he shares. CNC machines are now being increasingly used in mid and small-scale industries and the GL4P is the ideal fit to their needs.

Collaboration has become the call of the day as global companies are trying to set up business opportunity in India. "With our global expertise and hands-on local capabilities, we have successfully been able to establish ourselves as a formidable player in the Indian market and one which is respected for its focus

and reinforced commitment to the Indian market from time to time," says Omura.

Towards a smart future

With the evolution of internet-based technologies, manufacturing has also been benefitted immensely through Industry 4.0, powered by the Internet of Everything (IoE) and JTEKT is not far from this reality. The company's technologies blend human and machine interface to build a more efficient eco-system to optimize time, effort and resources, reducing wastage on the whole.

Through 'Connecting', 'Visualization', 'Value' and 'Chain' and IoE (Internet of Everything) solutions, JTEKT has envisioned a smart factory where humans and assets are to collaborate together, with people applying their knowledge and taking the lead role. "We are promoting 'JTEKT SMART Factory' in India now," he reveals.

"JTEKT has been in India and making in India for over three decades. We have gradually grown our presence in other areas such as bearing and machine tools. Our intent for India is to grow in a strategically planned way. We are invested to stay here and build both organically and inorganically," Omura concludes.



EXPERIENCE ZONE

Walking Down the Memory Lane

To mark the Golden Jubilee of IMTEX, Indian Machine Tool Manufacturers' Association (IMTMA) has created an experience zone at the sprawling area of Bangalore International Exhibition Centre (BIEC). Talking of this unique dedicated space Jamshyd N Godrej, Chairman Exhibitions, IMTMA said, "The zone is a collection of IMTEX archives including display of vintage machines from a bygone era, pictures and a short film of IMTEX journey."



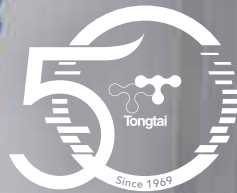
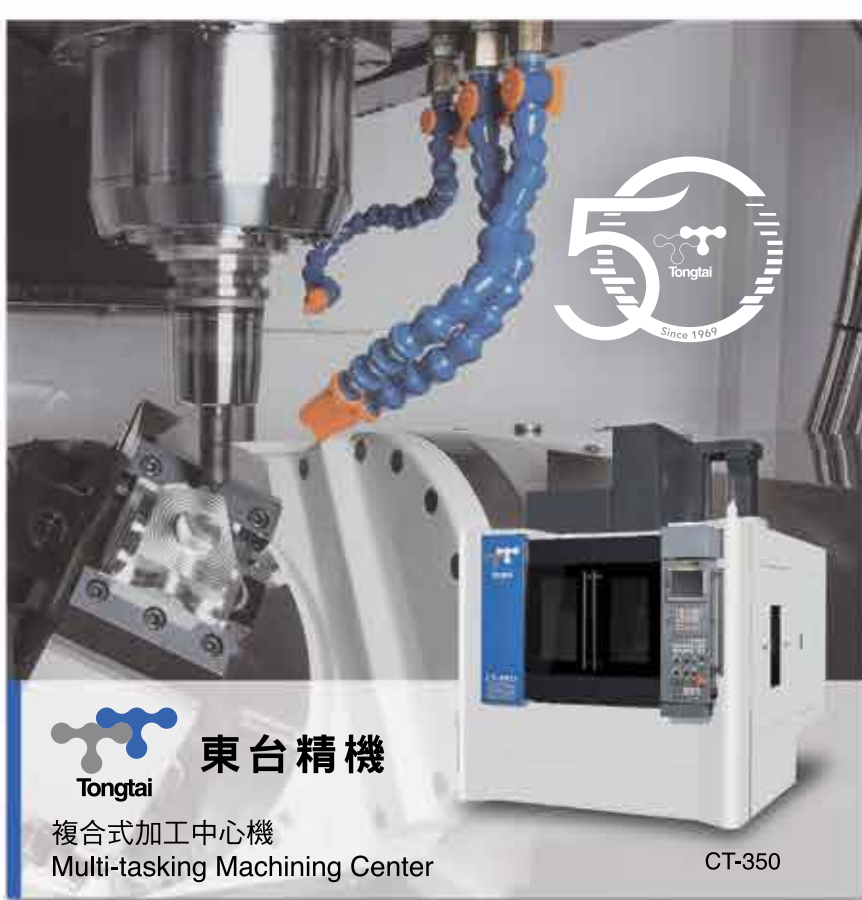
AccQrate
We build
'Q' for 'µ'

3D Coordinate
Measuring Solutions

Visit us at
Hall No | Stall No
3A | **B-113**

www accuratesales.co.in

ACCURATE
Partnering Quality



東台精機

複合式加工中心機
Multi-tasking Machining Center

CT-350



榮田精機

CNC立式車銑中心
CNC Vertical Turning Center

VL-160CM

TT GROUP
東台集團

Total Solutions Provider

Booth No. Hall5 A120



APEC 亞太菁英

航太加工解決方案
Aerospace Machining Solutions

G3020



quicktech 譚泰精機

14軸連動數值控制CNC車銑複合式車床
Advanced Multi-tasking Lathe

I-42U

TT GROUP



IBSM - BUYER'S PERSPECTIVE

Building Business Bonds

The International Buyer Seller Meet (IBSM), organized as part of IMTEX 2019 & Tooltech 2019, concluded on a high note yesterday. Most of the buyers are interested in sourcing either components or machinery from India and forging partnership with the Indian manufacturers.



Source: Magic Wand Media

“I have been purchasing machines from Jyoti CNC for the last seven years and now looking for new suppliers. I am happy to see that the quality of the Indian machines is improving rapidly.”

STEVEN ANDREWS
EDM Shop, South Africa



Source: Magic Wand Media

“We use UCAM’s machine tools and have come here to explore the possibilities of forging some more partnerships with the Indian manufacturers.”

PAVAL KRUTIEL (Left)
TYNTECH SHO, Czech Republic



Source: Magic Wand Media

“We sell machinery and complete solution lines for automotive, aerospace and general manufacturing and are looking for Indian partners to sell their machinery in the European markets. We are already working with two Indian companies named PARI ROBOTICS and GrindMaster.”

FEDERICO MOMBELLI
Sirmen, Italy



Source: Magic Wand Media

“This time I am a visitor here but would like to be an exhibitor the next time. I trade in machinery and since India is a very high potential market for me, I wish to display other countries’ machines here.”

H MUNANDAR
Pt. ACL Sheet Metal, Indonesia



LMW team at IMTEX 2019 & Tooltech 2019

Source: Magic Wand Media

Lakshmi Machine Works Ltd
www.lmwncnc.com
Hall 5, Booth B106

CNC MACHINES

New Beginnings

LMW has 12 products across segments to display at IMTEX 2019.

Lakshmi Machine Works Ltd (LMW) has launched 12 CNC machines, catering to new segments such as locomotive, oil & gas, power generation, defence, medical, among others.

- CNC Horizontal Turning Center: LL30TL7, LR30TL12, SmartXprs
- Vertical Turning Center with live tool: LTV 50 M
- Vertical Machining Center: JV 65 RAPC, JV 105 RAPC, JV 130, JV 200
- CNC 5-axis Machining Center: CNC Horizontal Machining Centre: JHM 40, JH 50, JH 63

Manufacturing efficiently

“LMW has understood the importance of IoT and is coming with “I-Focus” for its valuable customers to unleash the potential of the shop floor and provide a gateway to increase productivity and process quality,” informs Indraneel Bhattacharya, Vice President - Marketing & Sales, LMW.

All the 12 machines are IoT enabled for Smart manufacturing of components. In the last 30 years of existence, LMW has grown with hundreds of customers. “We have



Source: Magic Wand Media

“LMW has understood the importance of IoT and is coming with ‘I-Focus’ for its valuable customers to unleash the potential of the shop floor and provide a gateway to increase productivity and process quality.”

INDRANEEL BHATTACHARYA
Vice President
Marketing & Sales, LMW

designed new products and enhanced existing products post feedback. We have worked together as partners in developing efficient manufacturing cells to deliver machines for complex and critical components,” he adds.

ATOS 5/5X Automated Large Volume 3D Scanning



Fully Automated 3D Scanning & Advanced Inspection Solution

ATOS 5-Innovation Realised

- High measuring speed 0.2 sec per scan
- Blue light equalizer
- Laser light compressor
- Fibre optic connectivity
- Robot precision
- Triple scan principle
- Optical & Tactile measurement
- Assured measuring quality



New Delhi | Pune | Bangalore | Chennai

Email : sales@apmtechindia.com

Website: www.apmtech.in

Phone : 011-41631416, 41631454, 41600020

Visit us at:
Hall-2B, Stall no-F105

JH SERIES HORIZONTAL MACHINING CENTER



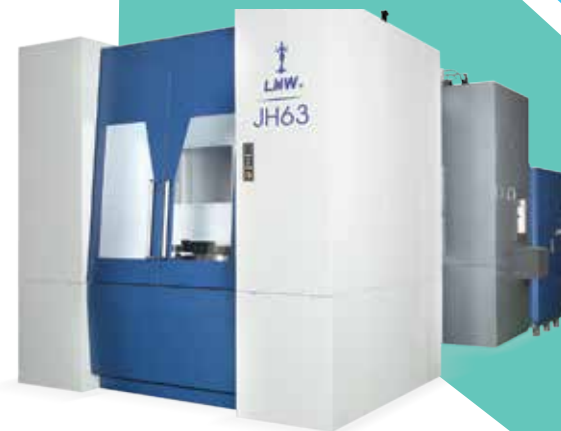
JHM40

Table Size: 400 x 400 mm
Stroke (x,y,z): 500 x 500 x 500 mm



JH50

Table Size: 500 x 500 mm
Stroke (x,y,z): 730 x 560 x 560 mm



JH63

Table Size: 630 x 800 mm
Stroke (x,y,z): 1020 x 800 x 1000 mm

Highlights:

- Cast Iron Integrated base structure
- Moving Column (3 axis) in JHM40
- Belt Driven Spindle
- 90° Indexing pallet at Loading station is provided in JHM40 and JH63
- Counter balance
- JH50 comes with single pallet

Visit Us @

Hall No. 05

Stall No. B106



AEROSPACE DEFENCE
AUTOMOBILE OIL & GAS
MEDICAL AGRI & EARTH MOVERS
PUMPS & VALVE DIE & MOULD
GENERAL ENGINEERING

INDIA'S FINEST
RANGE OF CNC MACHINES
www.lmwcnc.com



MANUFACTURING SOFTWARE

Factory of the
FUTURE
An Expo on Industry 4.0

HCL Technologies Ltd
www.hcltech.com
Hall 6, Booth A114

Paving the Way

HCL Technologies is demonstrating what makes CAMWorks the most advanced CAM software available today.



Source: Magic Wand Media

Sambit Pradhan, Senior Area Sales Director - APAC, HCL Technologies Ltd at company booth

“We must prepare our next-gen workforce to adopt advanced technologies for which intervention at academic institutions is key.”

SAMBIT PRADHAN
Senior Area Sales Director - APAC
HCL Technologies Ltd

getting a chance to experience all new CAMWorks Additive and TBM (Tolerance Based Machining),” shares Sambit Pradhan, Senior Area Sales Director – APAC, HCL Technologies Ltd. CAMWorks combines production-proven feature-based CAM technology, automatic feature recognition, and rules-based machining along with tolerance based machining to leverage MBD and PMI technology to automate Smart Manufacturing for CNC programming, paving the way for smart manufacturing.

“We are showcasing our latest developments in our CAD/CAM product CAMWorks which are in line with Industry 4.0, Process Automation and 3D printing. Customers and prospects visiting us are

GETTING FUTURE READY

Nagel Special Machines Pvt Ltd
www.nagelindia.in
Hall 4, Booth A106

In the Driver's Seat

Nagel Special Machines, one of the leading manufacturers of CNC machines for automotive sector, is eager to reach out to its prospects through IMTEX platform.



Source: Magic Wand Media

Nikhil Agrawal, Managing Director, Nagel Special Machines Pvt Ltd at company booth

“IMTEX 2019 makes for an ideal means to look for partners, offer them an overview of our products with a live demonstration, understand their requirements and get their feedback.”

NIKHIL AGRAWAL
Managing Director
Nagel Special Machines Pvt Ltd

The company's core area is honing technology in the automotive industry, which is undergoing a major shift towards electric mobility. “We will see more and more hybrid vehicles on the road in the coming future. The market requirements are for cleaner and green technologies because of carbon emission norms. This paves the way for collaborative manufacturing,” he adds.

Another area to get future-ready is the adoption of smart technologies. “A true smart factory can integrate data from system-wide physical, operational, and human assets to drive manufacturing, maintenance, inventory tracking, digitization of operations through the digital twin, and other types of activities across the entire manufacturing network,” notes Agrawal.

we keep your metal healthy

IMTEX 2019
24 - 30 January 2019
Visit us at
HALL - 3A/BOOTH - B125

Cut with HAKUFORM® neat and water soluble cutting fluids	Clean with HAKUPUR® advanced aqueous cleaners	Protect with NOX-RUST® liquids and waxes	Pack with DAUBERT VCI® papers and films
---	--	---	--

ZAVENIR DAUBERT

FOLLOW US ON [Facebook] [Twitter] [LinkedIn] [Instagram]

WWW.ZAVENIR.COM • +91 124 4981000 • MARKETING@ZAVENIR.COM

Organizer
Indian Machine Tool
Manufacturers' Association

CHENNAI
MACHINE TOOL EXPO 2019
26 - 29 September 2019
Chennai Trade Centre, Chennai

Delivered by the organizer of **IMTEX**

Biggest show in the region
to connect with best manufacturing industries

For stall bookings contact
IMTMA camp office at Hall No. 1

Special Pavilions

METROLOGY EXPO | **WELDEXPO** | **AME** | **Factory of the FUTURE**

www.mtx.co.in

Increases Productivity & Profitability

Tilting Rotary Table



Made in India. For the World

Our Wide Range of 4th & 5th Axis Rotary Tables.





Source: Magic Wand Media

“The solutions displayed at this 50th anniversary is a step forward and focus on innovations and advanced technologies that will enhance manufacturing sector of India.”

D SHANMUGASUNDARAM
Managing Director
S&T Group

D Shanmugasundaram, MD, S&T Group at company booth

S&T Group
www.stengineers.com
Hall 2A, Booth A106

OPTIMIZING TECHNOLOGY

Seeing in a New Light

D Shanmugasundaram, MD, S&T Group, has got all the definitions right. He knows what to expect from manufacturing in the future.

S&T Group knows that IMTEX is a one-stop destination where customers can experience the latest trends as well as technological refinements in Indian as well as global machine tool space. Talking on the Group's latest moves, he reveals, “Our marketing initiatives this year revolve around Tech-Optimize, the efficient way of optimizing technology for desired results that include reduced costs and enhanced quality and reliability.”

Changing the face of manufacturing

Speaking about the two new pavilions in this IMTEX, he says Industry 4.0 focuses on digital transformation of industries. It is expected to fundamentally change the production methods currently used in practice, resulting in virtual data merging with real production equipment.

“Despite involving sophisticated processes, AM is an amazing technology. It offers consumers the accessibility to create and customize products, and in the process, redefines current production technology” he adds.



Source: Magic Wand Media

“We at FIBRO India take pride in being part of our customers' growth story. We work closely with them to understand their problems and provide them with alternative solutions.”

VIVEK NANIVADEKAR
Executive Director
FIBRO India Precision Products Pvt Ltd

Vivek Nanivadekar, Executive Director, FIBRO India Precision Products Pvt Ltd at company booth

FIBRO India Precision Products Pvt Ltd
www.fibro.com
Hall 4, Booth B146

ROTARY TABLES

Committed to the Craft

FIBRO India with its innovations in rotary tables is here at IMTEX 2019 to prove a point.

“The message what we want to give is that FIBRO India is not a fly by night operator. We are expanding our manufacturing in India to deliver more and more products with German precision at competitive prices. We have installed the assembly line and the infrastructure to manufacture FIBROTOR rotary Tables for Automation. We will be making these tables not only for Indian market but for the world market,” he adds.

Bringing excellence to the table

The company is displaying 3 product lines in Rotary Tables and two product lines in Standard Parts. Rotary Tables for Automation Systems and Machine tools

- FIBROTOR:** Electromechanical Universal Rotary Tables with cam drive. This table 100% made in India is being launched at the show.
- FIBROTOR RT.0750:** Indexing Ring Rotary Tables with Large Centre Hole
- FIBRODYN DM:** Direct Driven High-Speed Rotary Tables
- FIBROTAKT:** Rotary Indexing Tables With Face Gear
- Standard Parts For Dies Moulds and Press Tools**

PMT Machines Limited

• Pune • Halol

CUSTOMISED SOLUTIONS

CELEBRATING 57 YEARS

CNC Turning	Automats	CNC Internal Grinding	CNC Cylindrical Grinding	Surface Grinding
CNC HEAVY DUTY LATHE	A15/25	BIG BORE GRINDER	AUTO LOADING	HYDRAULIC / PLC
SC-12 Ø400 CHUCK	TD36	ID / OD GRINDER	LONG SHAFT GRINDER	CREEP FEED GRINDER

Built To Last



PMT MACHINES LIMITED

Head Office & Works : P. O. Box No.1102, Behind PCMC Building, Mumbai - Pune Road, Pimpri, Pune - 411 018. (India)
Tel. No. : +91-20-27426219 to 23 • Fax. : +91-20-27426231/35 • E-mail: rd@pmtmachines.com, marketing@pmtmachines.com • website: www.pmtmachines.com
Halol Works : 178, Kadachala, Halol - 389350, Gujarat (India)
Tel. : +91 02676 246786/87 • Fax. : +91 02676 246788 • E-mail : cb@pmtmachines.com, mkt.brd@pmtmachines.com

Pune : 9730576789; Mumbai : 9821713400; Delhi : 9810401815; Bangalore : 9845026905; Chennai : 9840896822; Coimbatore : 9840366822; Jamshedpur : 9934119234; Vadodara : 9662503927



Visit us at
Hall 5 • Stall A103



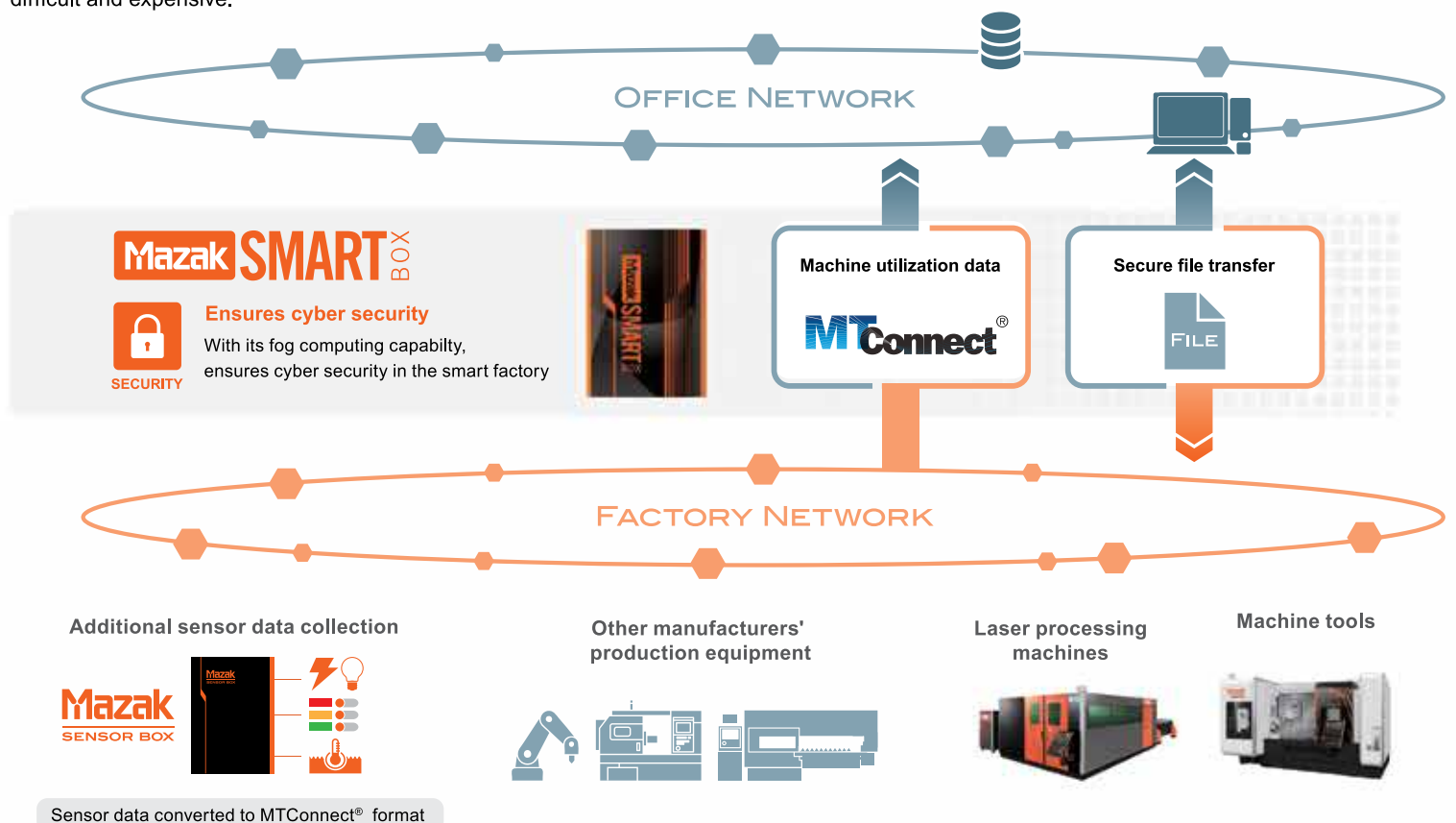
Total support for IoT and AI digitalized factory network

Mazak iSMART Factory Solution

Today IoT and AI technologies are being installed to increase production efficiency and are considered by management to be an important investment.

By collecting and analyzing big data, production can be optimized and production quality can be improved. However, digitalization and networking are frequently regarded as difficult and expensive.

Yamazaki Mazak has begun digitalization and networking of its own factories to maximize production efficiency over many years. Using this expertise, we have developed products and software that will make your production smart.



MTConnect® Open network communication protocol for production equipment. Easily integrate machine tools from any manufacturer on factory networks.

END USER FEATURE



Blaser Swisslube
www.blaser.com
Hall 3A, Booth A118

Collaboration Equals Innovation

For Laubscher Präzision AG, Blaser Swisslube reproduced and optimized the entire production process, reducing cycle time by over 16% and extending tool life by 15%.



Source: Blaser Swisslube AG

Challenge:

Laubscher Präzision AG was seeking ways for optimizing its production process.

Solution:

Blaser Swisslube's cutting oil, Blasomill GT 22, with its transparency, low foam and reduced oil mist, reduced the cycle time by more than 16% and increased tool life by about 15%.

In order to produce precision-turned parts, Laubscher Präzision AG has multiple Pfiffner rotary transfer machines in use. "We wanted to take a look at the entire process with our coolant partner, Blaser Swisslube, to have a more productive process," says Mirko Laubscher of Laubscher AG. An improvement of the soft factors, such as low foam, transparency of the cutting oil and reduction of the oil mist was equally important to Laubscher.

Throughout the entire test phase in the Blaser Swisslube technology center, tools and coolants were tested and process steps were analyzed and optimized. "We took our time to test each parameter individually. Furthermore we replaced a universal cutting oil with a transparent, latest-generation, high-performance cutting oil," ex-

plains Simon Sakica, Application Engineer at Blaser Swisslube.

Achieved optimization

The 1.5 years invested in research were well spent. The cycle time dropped by more than 16%. The optimization of the production process saved the client two stations. And tool life increased about 15% thanks to the adapted choice of tools. "Extremely satisfying project results through and through, fulfilling our every expectation. We're excited about implementing the changes in our production," says Mirko Laubscher of Laubscher AG.

"Blaser Swisslube's cutting oil, Blasomill GT 22, has convinced everyone with its transparency, low foam and reduced oil mist. It's an ideal solution for Laubscher's needs," Sakica adds.

INDUSTRY 4.0

Factory of the FUTURE
An Expert on Industry 4.0

AceMicromatic MIT
www.amitpl.com
Hall 6

Showing the Right Way

AceMicromatic MIT has been a leader in introducing robust innovations for customers, and several ones at IMTEX.



Source: AceMicromatic MIT

Madhusudan Kestur, Director, AceMicromatic MIT at company booth

“Based on several forums where users have learned from peers about successes using IoT and Industry 4.0, it is expected that new-age functionality will be showcased, for planning and consumption by industry at large. These could include IoT, prediction, AR/VR, AI, machine learning and related applications.”

MADHUSUDAN KESTUR
Director
AceMicromatic MIT

This year, the company is introducing several advanced technologies for automated corrections to machining processes, predictions based on IoT data streams, smart machine concepts, and software that directly address needs of jobshops for advanced scheduling based on production realities.

The dedicated Industry 4.0 pavilion introduced in this edition of IMTEX, says Madhusudan Kestur, Director, AceMicromatic MIT, will aid the industry is helping change the landscape of manufacturing. "Based on several forums where users have learned from peers about successes using IoT and Industry 4.0, it is expected that new-age functionality will be showcased, for planning

and consumption by industry at large. These could include IoT, prediction, AR/VR, AI, machine learning and related applications," adds Kestur.

Helping hands

The company knows that smart manufacturing is here to stay, and will extend to vertical and horizontal integration. This will enable customers to be competitive in the global marketplace, introduce and have mature processes that are self-sustaining. As India's first mover, and leader, AceMicromatic MIT has seen customers go from being fascinated by innovative solutions, to actually being recipients of experiencing success using Industry 4.0 and IoT solutions.

WE LOVE TECHNOLOGY **FIBRO**
INDIA

FIBRO India,
sole representative of
HEMA, Germany,

Protection Systems

- Bellows
- Lamella Covers
- Backwall systems
- Roller Covers
- Spiral Springs
- Telescopic Steel Covers
- Wiper

Viewing Systems

- Spin Windows
- Machine protection Windows

Clamping and Braking Systems

- Pneumatic Clamping and Braking Systems
- Manual Clamping Systems

To know more, Please visit us @

Hall 4 | Stall No. B146
24th – 30th Jan, 19

BIEC, Bangalore

FIBRO INDIA PRECISION PRODUCTS PRIVATE LIMITED

Head Office & Works: Plot no: A-55, M.I.D.C, Phase II, Chakan, Pune - 410 501

D +91 2135 670 900 E info@fibro-india.com W www.fibro.com



Delivering
PERFORMANCE
for Decades

With over 12,000 satisfied customers, upto 63% repeat orders and more than 50,000 running machines across the globe,
the group has been delivering performance for decades.

salesmmt@acemicromatic.com

The Largest Machine Tool Group In India



Visit Ace Micromatic Group Pavilion

Machining Solutions at **Hall 5**

Industry 4.0, IoT solutions & Additive solutions at **Hall 6**

UNIVERSAL MACHINING CENTERS

Opportunities Galore

For Jochen Nahl, Member of the Board and CSO GROB Group, GROB Machine Tools India Pvt Ltd, IMTEX is an ideal platform for the company to communicate with Indian Machine Tool users.

GROB Machine Tools India Pvt Ltd
www.grobgroup.com
Hall 4, Booth A118



Source: Magic Wand Media

The company, at IMTEX 2019, is showcasing its highly successful 5-axis Universal Machining center GA-550 that represents the unique GROB Machine Concept and suits a broad range of industries with automation

solutions that can be perfectly coordinated with individual customer requirements. "We are also presenting our G module production solutions, Automation ideas, transport, pallet and tool storage solutions, Thermal spraying equipment,



Source: GROB Machine Tools India Pvt Ltd

"At IMTEX 2019, we are showcasing our highly successful 5-axis Universal Machining center GA-550 that represents the unique GROB Machine Concept and suits a broad range of industries."

JOCHEN NAHL
Member of the Board and
CSO GROB Group
GROB Machine Tools India Pvt Ltd

initiatives in Industry 4.0, Electromobility solutions for electric vehicle production, customer specific assembly lines and our unique service capabilities in India," says Nahl. He says that the company is essentially interested in presenting its unique technologies for economical machining of complex as well as normal high-production parts with lesser set ups.

LIVE DEMO

IMTMA Tech Centre (TC) has started a new initiative of live demo on Implementing Industry 4.0.

The Live Demo is on display at IMTMA Technology Centre every day during the show between 11.00 am to 3.00 pm.

The live demo of Data capturing and Analysis features:

Production Analytics Quality Analytics & Visual displays
Traceability during the entire manufacturing cycle right from raw material / stores to finished goods / dispatch using bar code scanners and mobile apps.



Would you like to be crowned a productivity Champion?

..... Share your success stories on
PRODUCTIVITY | TECHNOLOGY | INNOVATION....

Win Cash Awards upto
₹ 10,00,000



IMTMA - ACE MICROMATIC
Productivity Championship Awards 2019

"Showcasing Competitiveness in Manufacturing"

No Entry Fee | Multiple Entries Welcome !

Special stream for Micro & Small Enterprises

Productivity Champions will be crowned at
National Productivity Summit 2019
20 - 21 August 2019, Bangalore

Rush your entries by
15 March 2019

For more details, contact :
Mr. Abhishek on 080- 66246829 / 6805
Mobile : +91 9886611007
Email : abhishek@imtma.in

imtma
Indian Machine Tool
Manufacturers' Association
www.imtma.in

Awards Sponsor
AceMicromatic
Group

WORKHOLDING SYSTEMS

Making Complex Simpler

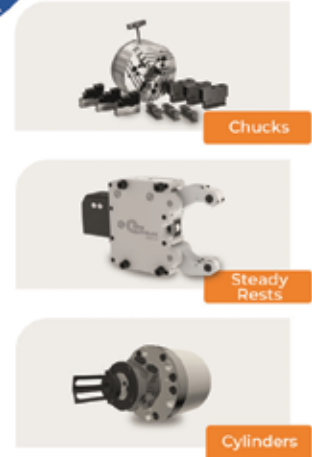
Gleason's workholding solutions are for exceptionally fast, accurate and repeatable setups in every application.

Modular, quick-change Gleason workholding solutions are making enormous improvements in the speed, reliability, and simplicity of workpiece changeover in almost every gear production application. While they are as diverse as the many gear- and non-gear applications they're applied to, they share many design characteristics. As compared to traditional workholding designs, Gleason workholding is simpler, using modular concepts requiring fewer parts, hardware, and the minimal use of tools. Gleason's new Quik-Flex®Plus workholding system for cylindrical gears is completely tool-less, with none of the screws and bolts usually requiring tightening/loosening during changeover. Instead, the operator simply inserts the Quik-Flex®Plus module with gripping collet into the base arbor permanently installed in the work spindle and locks it in with the twist of a handle. Modules can be assembled or disassembled in seconds to accommodate different part sizes and bore diameters. Most importantly, the many non-productive minutes once required have been eliminated.

Gleason Works (India) Pvt Ltd
www.gleason.com
Hall 5, Booth A124



Source: Gleason Works (India) Pvt Ltd



IMTEX 2019 HALL 3A
STALL B109

SPECIAL CLAMPING APPLICATIONS



STATIONARY WORKHOLDING



- ✓ 3 clamping slides (Basic: clamping slides)
- ✓ Repeatability < 0.005 mm
- ✓ Protective coating
- ✓ Turbo function for increasing the pull-in forces
- ✓ Solid base plate (height 28 mm) for maximum stiffness
- ✓ Easy mounting on the machine table due to positioning holes



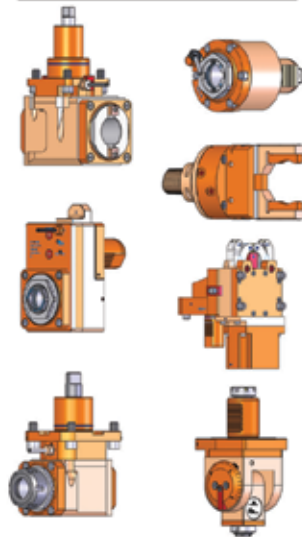
- ✓ Ideal suitable for OP 10 use
- ✓ Compact design with best accessibility of the machine spindle
- ✓ High adjustable clamping forces
- ✓ Jaws with Sinter Grip clamping inserts for clamping of workpieces with lowest depth and without pre-marking
- ✓ Interfaces for all well known zero point clamping systems



- ✓ Modular system: wide range of standard products and shortest delivery times
- ✓ Highest stiffness and anti-vibration design
- ✓ Best accessibility of the machine spindle to the workpiece
- ✓ Highest accuracy and precision

www.stationary-workholding.com

LIVE TOOLING



- ✓ PATENTED DRIVE TRANSMISSION
- ✓ SEALED BEARING
- ✓ PATENTED SEALING SYSTEM
- ✓ SUPER COMPACT DRIVE SYSTEM

www.live-tooling.com

SMW AUTOBLOK WORKHOLDING (P) LTD

Plot No. 4, Weikfield Industrial Estate, Gat No. 1251, Sanaswadi, Tal. Shirur, Dist. Pune-412208

Phone: 02137-616974 Fax: 02137-616972

Mail: info@smwautoblok.in

Web: www.smwautoblok.in / www.smwautoblokgroup.com

TURNING AUTOMATION SOLUTIONS

Offering the Best

For Meiban Engineering Technologies, IMTEX is the right opportunity to meet its customers from its target industry, Automotive component manufacturing.

Meiban Engineering Technologies Pvt Ltd
www.meibanengg.com
Hall 5, Booth C101



(L-R) Junya Ueda, Manager, International Business Development, Asia Turning Machine Sales Machine Tools Division, MURATA MACHINERY LTD and AV Srinivasan, CEO, Meiban Engineering Technologies Pvt Ltd, at the company booth.

“This is an opportunity to introduce our products, new automation solutions etc, take feedback from customers, understand their needs so we are able to offer best of both India

and Japan,” says AV Srinivasan, CEO, Meiban Engineering Technologies Pvt Ltd.

On display

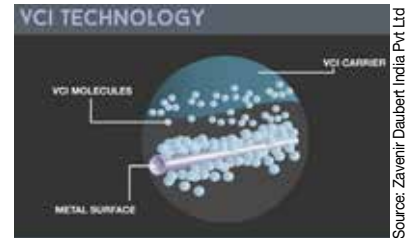
The company is displaying two machines at IMTEX 2019. “We are launching one new product – MW120EXG for extra high precision in interrupted cutting. It comes with highly advanced materials in our loader for higher speeds and stability,” he shares. MW100GT is on display too. While it is already sold in India, the company is taking it to the mass market, where in it is showing Twin Spindle Twin gantry CNC turning machine. “Perhaps, this will be the first time a Twin gantry is being displayed in a Turning machine.



“IMTEX is an opportunity to introduce our products, new automation solutions etc, take feedback from customers, understand their needs so we are able to offer best of both India and Japan.”

AV SRINIVASAN
CEO
Meiban Engineering Technologies Pvt Ltd

Both these machines are designed for shorter cycle time and high accuracy. They are suitable for a variety of high-volume automotive components and bearing parts,” he adds. Muratec is quite deeply into smart manufacturing. All its machines are designed to be smart and user-friendly. The machine controllers are able to work with offline software to give data on productivity, downtime, Alarms list, Energy consumed etc.



The VCI (Volatile Corrosion Inhibition) Technology

PACKAGING SOLUTIONS

VCI Papers and Films for Corrosion Protection

Export packaging, OEM and JIT packaging, packaging for the replacement market, in process protection, and long-term preservation require the usage of VCI (Volatile Corrosion Inhibition) products.

The main benefits of the VCI Technology lie in its ability to self-apply and dissipate. The technology is based on the concept of volatility and polarity, where volatile ‘V’ components are added to corrosion inhibiting ‘CI’ components. The VCI molecules align on the surface of the metal to a depth of 3-5 molecules and form a layer. This layer passivates the surface and creates a barrier that prevents oxidation, resulting in corrosion prevention for the required period of time. There are two main product categories: VCI Papers and VCI Films. In addition to the VCI Technology, DAUBERT VCI® Films are manufactured using a special Multi-Layer Technology, which exceeds in performance in comparison with other available VCI Films in the market. The three layers are: Moisture Barrier Layer, High Strength Layer and VCI Protection layer.

Benefits

- High quality of corrosion inhibiting chemicals render excellent rust protection;
- Its water solubility makes it effective in high humidity and offers protection in sea conditions;
- The natural neutral kraft paper provides good strength and quality.

Zavenir Daubert India Pvt Ltd
www.zavenir.com
Hall 3A, Booth B125



DESIGN INSTITUTE

Machine Tool Design Powered by Technovation

& be industry ready Design Engineer

Course starts from
17 June
2019

Presenting IMTMA Certified
DESIGN AND ADDITIVE MANUFACTURING
at Bangalore

COURSE CONTENT:	COURSE BENEFITS:
<ul style="list-style-type: none"> ▶ Drafting standards for manufacturing drawings ▶ CAD – MAGIC software for additive manufacturing ▶ Introduction to 3D printing machines ▶ Design of parts for Additive Manufacturing ▶ Introduction to FDM, SLA and SLM ▶ 3D printing Machine Operation and Management ▶ AMOptoMET software training 	<ul style="list-style-type: none"> ▶ Thorough on Engineering Basics ▶ Knowledge on CAD- MAGIC software ▶ Complete knowledge on Additive Manufacturing ▶ Knowledge on Part design for Additive Manufacturing ▶ Exposure to industry practices on 3D printing ▶ Placement support at core industry

For Course Registration
Rathan, Executive
9743180085,
rathan@imtma.in

For Technical query - Mech.
B.L. Patil, SEO
9916206482
blpatil@imtma.in

For Technical query - Elec.
L. Gopi, SEO
9986502659
gopi@imtma.in

www.imtmatrainig.in

ULTRAFAST FIBER LASERS

Pico & Femto Second Pulsed Lasers

Today the fast growing range of new advanced applications require ultra-short pulse durations in the 10-11 to 10-13 sec range. Lasers, operating in the picosecond to femtosecond range of pulse durations, also known as ultrafast lasers, are usually produced by chirped pulse amplification technique. IPG’s pico and femtosecond fiber lasers, based on a master oscillator/ fiber power amplifier (MOFPA) architecture, are particularly well suited for generation of ultrafast pulses in the range of repetition rates from 10 kHz to several MHz with pulse energies in the range from several microjoules to ~1 mJ. Nonlinear harmonic extensions allow generation of VIS and UV pulses. Such specifications are ideal for micromachining and many other applications.

IPG Photonics (India) Pvt Ltd
www.ipgphotonics.com
Hall 5, Booth A128b

Source: IPG Photonics (India) Pvt Ltd



MEASUREMENT SOLUTIONS

That you receive 360° support so that you can rely 100% on accuracy.

This is what **EXACTLY** means to us.



MarCom Professional 5.2 - SMAHRT Connectivity



METROLOGY - MAHR ADVANCES IN MEASUREMENT

Mahr is a world leader in many areas of metrology. Our products stand for accuracy, quality and innovation. Mahr constantly exceeds the limits of what is possible and ensures your lead in metrology. As a partner for the future, we will make your quality assurance more reliable, more automatic, faster, more wireless and even more user-friendly.



SMAHRT CONNECTIVITY



Our digital hand tools are equipped with the flexible MarConnect interface concept, no matter which interface standard you use.

- Integrated Wireless
- External radio modules
- USB
- Opto RS 232 or Digimatic,

MarConnect assures an optimal connection.

Because your measurement results are valuable, MarConnect ensures professional data transmission. Our contribution to Industry 4.0: You now receive the Software MarCom Professional for free!

Mahr Metrology India Private Limited

Corporate Office: B6, 4th Street, Reddipalayam Road, Mogappair West Estate, Chennai - 600 037. Tel: +91 44 4617 5555

• Ahmedabad • Bangalore • Chennai • Delhi • Hyderabad • Jaipur • Kolkata • Pune

E-mail: mahrindia@mahr.in | For Service: Service.India@mahr.in | Website: www.mahr.in

IMTEX 2019
24-30 JANUARY, 2019
Bangalore International Exhibition Centre, Bangalore
Visit Mahr @ German Pavillion Hall 2B Stall F101

SOLID CARBIDE TOOLS

The Right Solutions

VP Industries is into manufacturing tools, fixtures, components as well as services. However, at IMTEX 2019, the company is showcasing its wide range of cutting tools including solid carbide round tools and indexable tools, and a new range of products dedicated for Aerospace, with the sub brand VP Aero.



Vitthal M Pol, Director, VP Industries at the company's booth

“As a group, we are into various verticals of engineering products, but for IMTEX 2019, we are showcasing our range of cutting tools, which include solid carbide round tools and indexable tools. At the show, products for all industrial segments like Automobile, Oil & Gas, Agriculture, General Engineering and Aerospace are being displayed,” he informs.

Matching requirements

The company is displaying a new range of products dedicated for Aerospace, with the sub brand VP Aero. “We are known for specials tools, but at the trade fair have launched our standard product catalog for solid carbide round tools and indexable tools,” he adds.

Vitthal M Pol, Director, VP Industries, is happy that his company is getting a right platform to display its brand. The company makes manufacturing tools, fixtures, components and also offers services, and the group has seen rapid expansion the last few years.

VP Industries
www.vpindustries.co.in
Hall 3B, Booth A110

Gedee Weiler Pvt Ltd
www.gdweiler.com
Hall 2A, Booth A104



K Ganapathi Subramanian, VP, Marketing & Sales, Gedee Weiler Pvt Ltd at company booth

BEING PRODUCTIVE

Improving Efficiencies

Gedee Weiler Pvt Ltd has ventured to bring in new linear machines and wants to celebrate it coinciding with IMTEX 2019 golden jubilee.

“The current market scenario demands high amount of flexibility without compromising the ability to mass produce parts, with near zero change over time which our new products will deliver bang on.”


K GANAPATHI SUBRAMANIAN
VP, Marketing & Sales
Gedee Weiler Pvt Ltd

The company is displaying seven products from its four product lines. These are: Basic Line-MC Capstan Lathe Machines; Manual Line – LZ series Centre Lathe Machines; Linear Line: Versaturn – XL (New) Flexturn Neo Twin Servo gantry loader Flexturn Neo with live tool turret with robot mounted on top of the machine and Flexturn Neo with turret with robot mounted on rear


side of the machine; and Universal Line: Uniturn 400 TM (New).

Making manufacturing flexible

The newly-launched Versaturn is the first of its kind product in India and offers unmatched productivity and flexibility for both mass production and batch production applications. Another new launch, Uniturn-400 HD TM is well suited for mass as well as batch production for automobile and general engineering sectors.



TUMAKURU MACHINE TOOL PARK (TMTP)



(A Special Purpose Vehicle of GOI & GOK)
3rd Phase, Vasanthanarasapura,
Tumakuru District, Karnataka Exclusively For
Manufacturers Of Machine Tools And Their Ancillary Industrial Units.

Invitation for Allotment of Industrial Plots at
TUMAKURU MACHINE TOOL PARK

HIGHLIGHTS OF THE PROJECT:-

- TMTP is being developed in about 530 Acres, as a self contained gated community with world class infrastructure.
- The Industrial Park will have state of the art infrastructure with eco-friendly layout exclusively for manufacture of Machine Tools.
- Power Supply – Distribution network with UG cables and supplementary solar power (Uninterrupted power supply.)
- Dual water supply system - potable & non-potable, underground Sewerage System.
- Power, water and sanitation points at each plot. Ready for “plug & play”.

CONNECTIVITY

- 20 Km from Tumakuru town and 90 Kms from Bengaluru, along the NH-4 leading to Mumbai.
- Nearest Airport: Kempegowda International Airport (105 Kms), accessible bypassing Bengaluru City.

COMMON FACILITIES:-

- Common Engineering Facility Centre (CEFC); Test and Certification Centre (T&CC); Research & Development Centre (R&D); Incubation Centre for Startups.
- Investment promotion subsidy; Exemption for business development; Incentive and Concessions to MSME's as per Karnataka Industrial Policy 2014-19.

Sri. Gaurav Gupta, IAS
Principal Secretary to Govt.,
C&I Department, GoK

Dr. N. Shivashankara, IAS
CEO&EM, KIADB

Please visit our website for apply: <https://kum.karnataka.gov.in> or [https:// ebizkarnataka.gov.in](https://ebizkarnataka.gov.in)



“Commendable Focus on AM”

“We manufacture packaging and processing machinery and processing machinery mainly for pharmaceutical applications. I have come from Mumbai to meet our vendors and get updated with the new trends in the industry. I have specifically liked the additive manufacturing pavilion.”

CHETAN HEMANI
Jicon Industries



“Meeting Industry Needs”

“Our company is going for digitization. Thus, we are especially interested in tooling and Industry 4.0. I am really satisfied to have come across some of the companies here who can do turn key projects.”

MEHUL MEHTA
VP - Marketing
Magma Machining Pvt Ltd

Source: Magic Wand Media

Source: Magic Wand Media

Source: Magic Wand Media

Source: Magic Wand Media





OVER **1500** MACHINES EXPORTED
IN JUST FIVE YEARS TO **GERMANY**;
THE MACHINE TOOLS CAPITAL
OF THE WORLD!


A standing testimony to our prowess as a premier manufacturer of Machine Tools in INDIA, with a tradition for excellence spanning more than 50 years.




High precision MANUAL LATHES
from **GEDEE WEILER**

- 

Legendary spindle run out of 0.002mm
- 

DIN 8605 Machines conforming to stringent German Standards: DIN 8605
- 

Anti friction coating between the contact area of saddle and bed. (LZ 330/ LZ 290)- One of its kind in the world
- 

Highest safety standards: Machine rear splash guards, Chuck guard, Lead screw protection guards are offered as standard features

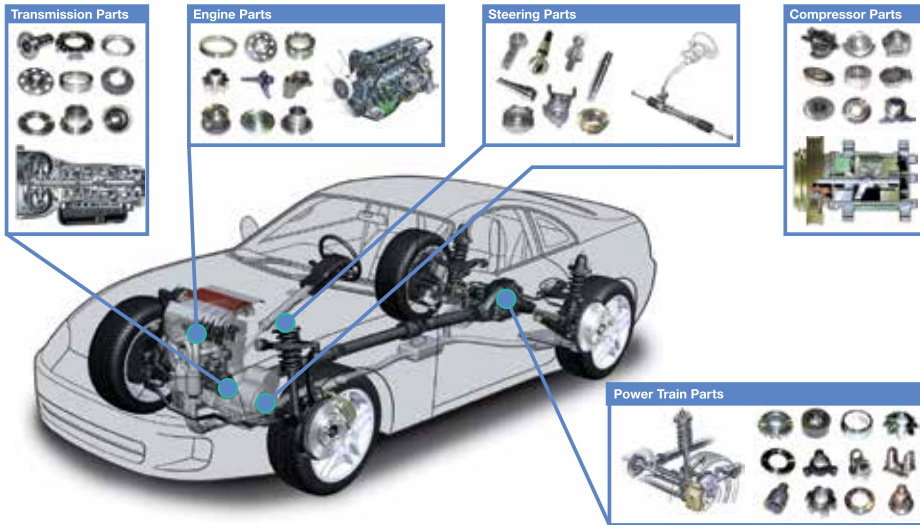
Please visit us at **IMTEX-2019**, Hall No. 2A - Stall No. A 104 from 24th - 30th Jan 2019, Bangalore 

INDIA'S No.1 EXPORTER
of lathes to **GERMANY**

GEDEE WEILER
A CUT ABOVE THE REST



TURNKEY SOLUTIONS FOR AUTOMATED TURNING SOLUTIONS



To meet the expanding global supply market requirements, Muratec has been a global leader in supply of Turning machines with advanced automation solutions. We are fully prepared to provide the most appropriate level of automation solution to meet the growing demand in India for medium to high volume global supply market combined with high-precision Standards. It also caters to the rapidly increasing volume requirements of the domestic Indian automobile industry.

Our MW/MS Series Twin and Single spindle automated turning machines and MD series turning centers have more than 10,000 installations worldwide. We are proud to say that, "MURATEC MOVES YOUR CAR".

MURATEC machines are available in a wide range of chuck sizes: capacities ranging from 6" to 15" chuck size.

These advanced, precision turning machines come with highly reliable, integrated, intelligent CNC 3 axis servo controlled gantry loader for smart, fully automated, flexible workpiece load/unload operations.

**Total Solution is Basic Turning Machine
PLUS Peripherals & Options to Achieve Full Automation for Unmanned Operations on 24 x 7 Basis
Standardized & Customized units to JUST-FIT Your Productivity Needs**



Muratec Flexible Automated 7 Spindle Line: MW200 + MW200 + MS100 + MD180

You think all this is beyond your financial strength?
Contact us for a detailed Economic Analysis of your Production Needs.
Small Enterprises to large multinational have reaped the benefits of MURATEC's TOTAL SOLUTIONS even in India for past 2 decades.

Meiban - Muratec Turnkey Centre in Bangalore, India

Muratec has established itself as a strong player in offering total turnkey solutions which include right from process selection to time study preparation to selection of tooling and chucks to prove out at Technology Centre and at customers place.

- Turning solutions
- Application support
- Technical proposals
- Service support
- Customer training
- INR Sales with quick delivery



Visit us at
Hall 5: Stall: C101





Spain

IMTEX INDIA 2019

January 24 – 30

Bangalore International
Exhibition Centre

HALL 1B
Stand D101



ekin.es
B106



etxe-tar.com
C106



FAGOR AUTOMATION

fagorautomation.com
A106



gurutzpe.com
C104



ibarmia.com
D105



juaristi.com
A108



nicolascorrea.com
C102



iazgroup.net
D103



gamor.es
B105



zayer.com
B107

Organizers



ICEX



EUROPEAN UNION
European Regional Development Fund
A way to make Europe

In collaboration with



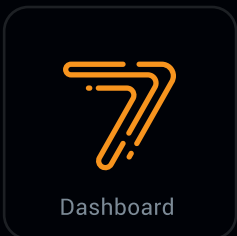
Machine Tool, Accessories, Component
Parts and Tools Manufacturers'
Association of Spain



featuring
productivity, health, monitoring & tool management



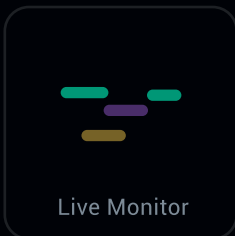
Industry 4.0



Dashboard



Virtual Screen



Live Monitor



Health



Tool Manage



Operator Panel



JYOTI CNC AUTOMATION LTD.

Regd.Works Plot No.,G-506, Lodhika GIDC, Vill.-Metoda, Dist.-Rajkot - 360 021.

Gujarat (India) T +91-2827-235100/235101 F +91-2827-235141/235161

E info@jyoti.co.in

f t y @ / JyotiHuron

jyoti.co.in

DEMONSTRATING **LIVE**

Hall
5

at Jyoti Pavilion