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SHOPFLOOR  
TO TOPFLOOR**

**28<sup>th</sup> AUGUST 2020 |  
10.00 am to 5.00 pm**



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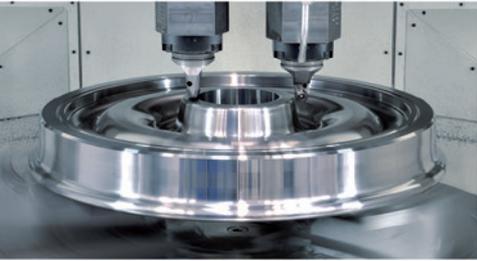
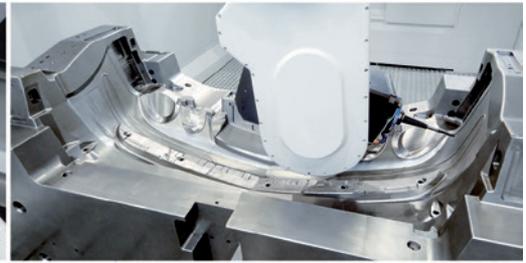
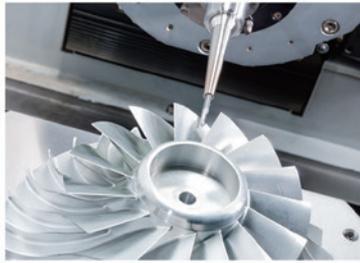


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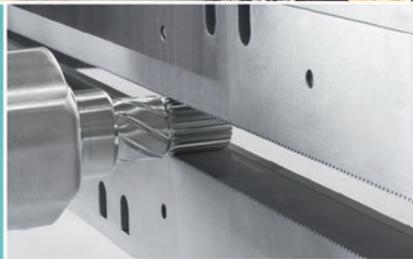
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# About MCE 2020

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## FROM SHOPFLOOR TO TOPFLOOR

After creating a number of successful ground events and webinars, 'The Machinist magazine' now brings its first full-fledged virtual event with the Manufacturing Conference & Exhibition 2020 (MCE2020)

Understanding the industry's needs to have a robust knowledge sharing and networking platform virtually, 'The Machinist magazine' has conceptualised and created this Manufacturing Conference and Exhibition 2020 (MCE 2020). This first virtual flagship event from 'The Machinist magazine' has already received overwhelming response from the industry as well as from partners. While delegate registration has happened with a big bang, exhibitors too have responded very positively to this unique platform.

### **Platform that's perfect for you**

At a time when social distancing norms have put severe restrictions on physical one-on-one meetings, this virtual platform is giving a very good opportunity to manufacturing industry professionals and key suppliers to come together on a single virtual platform in a mutually beneficial manner. Not only do the virtual delegates get an opportunity to experience top class content with the Conference, but they also get to meet some of the best suppliers providing the right solutions and services for their professional needs at the Exhibition. And all this happens at one virtual platform. Well, like all such engagements brought to you by 'The Machinist magazine', this event is also high on quality and value for time.

### **Why attend the exhibition**

The exhibition section of MCE 2020 is truly special since it addresses the all-round requirements of a shopfloor. Rather than crowding it with 'Me Too' exhibitors, it is actually an elite get together of suppliers providing different and best in class solutions for the progressive manufacturing organisations operating in India. For example, machine tools major FFG MAG has signed up as the Powered By Partner, while lubricant major MotulTech has come on board as the Gold Partner. Two Silver Partners join them with cutting tools major Forbes India, with its Brand Totem, and Fibro India, which brings quality proven collection of rotary tables and die set. The line-up of Supporting Partners is equally impressive with ACE Micromatic Group (one of the largest machine tools group), smart motion plastics specialist igus, key measurement & testing devices player Blum Novotest, global cutting tools major Dormer Tools, grinding major Grind Master, leading CAE & simulation software provider MSC Software (with Brand Hexagon), CAM software major Esprit and abrasive tools major Tyrolit. That's quite a comprehensive set of exhibitors! And you can virtually visit their stalls, make enquiries, speak to their representatives, chat with them, and even place orders at MCE 2020. Well, if you are reading this, then you have already registered for the grand event. So, do visit the exhibition section of MCE 2020. Of course, if you find the experience worthwhile, do ask your colleagues and peers to join in. After all, this event is for the manufacturing industry and of the manufacturing industry.

Regards,

**Niranjan Mudholkar**

*Editor – The Machinist magazine*

*Worldwide Media Pvt Ltd (WWM)*

*Email: niranjan.mudholkar@wwm.co.in*



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# FROM SHOPFLOOR TO TOPFLOOR

28<sup>th</sup> AUGUST 2020  
10.00 am to 5.00 pm



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#Machinist2020

## AGENDA

The Machinist Manufacturing Conference & Exhibition 2020 (MCE 2020) will bring together prominent industry leaders from across the manufacturing industry in India. These industry captains will deliberate on the impact of the Covid19 pandemic as well as other economic problems on various aspects of the manufacturing business. From operational issues to management challenges, these leaders will share their valuable insights on shaping the future of Indian manufacturing.

10.05 am to 10.10 am: Opening Note by Niranjana Mudholkar, Editor, The Machinist

10.10 am to 10.55 am: Keynote Panel Discussion

Disruptive Times, Evolving CEOs

How leaders are adapting to the market disruptions including the pandemic, and steering their organisations to survive, succeed and sustain in the New Normal.

Confirmed Speakers

**Kishore Jayaraman**, President, Rolls-Royce, India and South Asia

**Suresh KV**, Country Head – ZF in India

**Rajeev Joisar**, Managing Director – India, Bombardier Transportation

**Satyakam Arya**, MD & CEO, Daimler India Commercial Vehicles

**Krishan Kohli**, MD, Continental Automotive Brakes Systems (India) Pvt. Ltd.

10.55 am to 11.10 am: Break

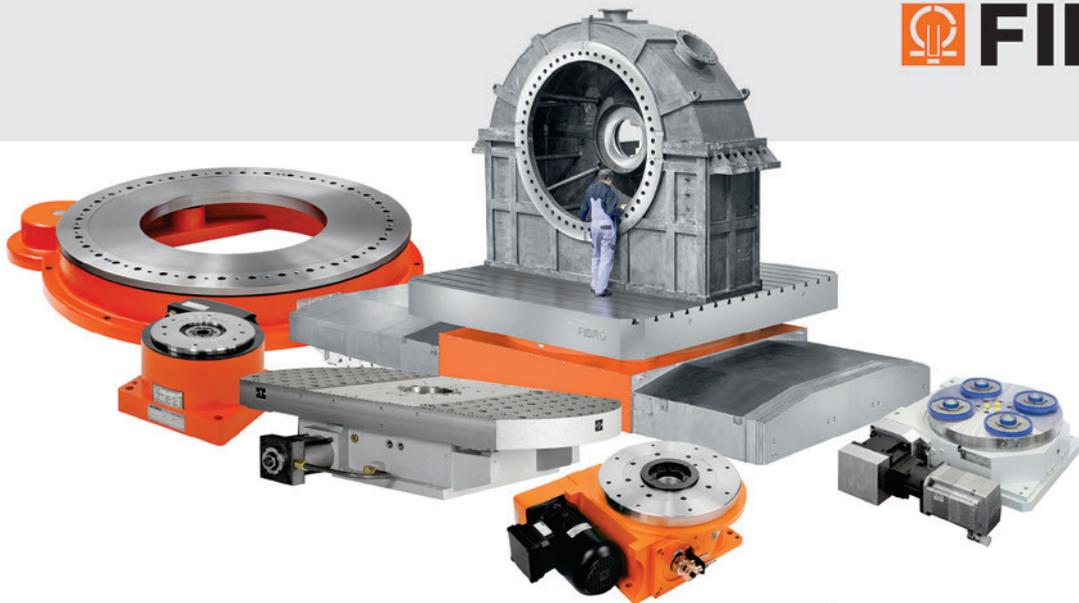
11.10 am to 11.40 am: Total Solution for Smart Manufacturing

By **Akshay Kumar NV**, Senior Manager – Sales & Vinay Kumar Shetty, Manager – Sales, FFG MAG India

11.40 am to 11.55 am: Break

11.55 am to 12.40 pm – Keep it running

Managing and maintaining the plant: A discussion involving operation heads and maintenance heads to understand the challenges of running and maintaining the plant in the New Normal.


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## Confirmed Speakers

**Raghavendra Deolankar**, Head Operations – Region India, ZF India Pvt Ltd

**Abhijit Janugade**, Head - Production & Maintenance, Draexlmaier Manufacturing India

**Sameer Mathur**, Chief Operating Officer, Schaeffler India

**Shrikant G Mundada**, Chief Operating Officer, Metalman Auto Private Limited

**Shailesh Sharma**, Director of Manufacturing, SKF India Ltd

12.40 pm to 01.40 pm - Lunch Break

1.40 pm to 2.10 pm: 'Make Better in India'

A one on one session with Zurvan Marolia, Head - Manufacturing Council, Godrej & Boyce, discussing the need to focus on excellence and supply chain management in the quest for making India a global manufacturing hub.

2.10 pm to 2.25 pm: Break

2.25 pm to 3.00 pm: Clean Bowled!

## Hygiene & Cleanliness on the shopfloor

A special session on cleaning up old habits to maintain both social distancing and sanitation on the plant with

**Sanjiv Paul**, Sr. Vice President, Manufacturing, India Yamaha Motor Pvt. Ltd.

3.00 pm to 3.15 pm: Break

3.15 pm to 4.00 pm: CEO Speak- The Westside Story!

This high-profile discussion will take a western perspective of the Indian manufacturing industry.

## Confirmed speaker

**Georg Graf**, Regional Representative India Freudenberg Group, & President Indo-German Chamber of Commerce

4.00 pm to 4.15 pm: Break

4.15 pm to 4.45 pm: Right Restart

An insightful panel discussion that brings together key shopfloor partners to discuss the best practices for restarting operations in the right manner.

## Confirmed speakers

**T K Ramesh**, MD & CEO, Micromatic Machine Tools Pvt. Ltd.

**Ravi Prem**, COO, Forbes & Company Ltd. (Brand Totem)

**Yatendra Kumar**, Business Head, MotulTech India

**Deepak Paul**, MD, igus India

4.45 pm to 4.50 pm: Vote of Thanks by Rishi Sutrave, Publisher, The Machinist

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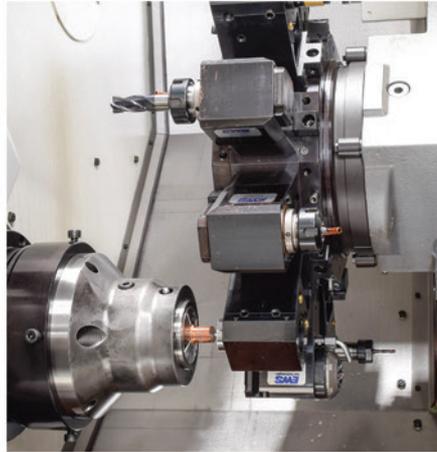


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Country Head  
– ZF in India



**Rajeev Joisar**  
MD – India, Bombardier  
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**Satyakam Arya**  
MD & CEO, Daimler India  
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**Krishan Kohli**  
MD, Continental Automotive  
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**Sameer Mathur**  
Chief Operating Officer,  
Schaeffler India



**Shrikant G Mundada**  
Chief Operating Officer,  
MetalmanAuto Private Limited



**Shailesh Sharma**  
Director of Manufacturing,  
SKF India Ltd



**Sanjiv Paul**  
Sr. Vice President,  
Manufacturing, India Yamaha  
Motor Pvt. Ltd



**Georg Graf**  
Regional Representative  
India Freudenberg Group, &  
President Indo-German



**T K Ramesh**  
MD & CEO, Micromatic  
Machine Tools Pvt. Ltd



**Ravi Prem**  
COO, Forbes & Company Ltd.  
(Brand TOTEM and Brand BRADMA)



**Yatendra Kumar**  
Business Head, MotulTech  
India



**Deepak Paul**  
MD, igus India



**Akshay Kumar NV**  
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# Preview



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## FROM SHOPFLOOR TO TOPFLOOR

The Machinist magazine has announced its Manufacturing Conference & Exhibition 2020, a virtual event for the manufacturing industry.

**T**he Conference programme of The Machinist Manufacturing Conference & Exhibition 2020 will bring together prominent industry leaders from different sectors. These industry captains will deliberate on the impact of the Covid-19 pandemic as well as other economic problems on various aspects of the manufacturing business. From operational issues to management challenges, these leaders will share their valuable insights on shaping the future of Indian manufacturing.

The Exhibition will allow exhibitors to showcase their products, solutions and services for the Indian manufactur-

ing industry. It will help them reach the right audience while saving on the production and logistics cost.

### IMPORTANCE OF DIGITAL PLATFORMS

Commenting on the significance of digital platforms like The Machinist Manufacturing Conference & Exhibition 2020, Shashank MP - President - FFG MAG India, says: "Digital platforms are likely to play a significant role in the future years to come. A significant step with a positive impact on cost, time and quality is digitisation. Software developments in audio and visualisation enable getting to know people and technology better which in turn will drive development of strong businesses and partnerships. Such digital platforms allow reach to an enormous audience. The provision of being able to attend these events at one's convenience, across time zones and being able to repeat sessions or record results effortlessly will make them very effective digital marketing and knowledge sharing platforms.

Yatendra Kumar, Business Head – MotulTech India, says that although Covid-19 has brought social distancing restrictions, this period is equally important to connect with customers to share your thoughts, success and future plans and reassure them that we are with them wholeheartedly and committed to make them successful. So such digital initiatives are the only way to meet our customers.

Preetham P.A, Aerospace and Defense Lead, Forbes and Company Limited, says that digital platforms like "The Machinist Manufacturing Conference & Exhibition 2020" will help the industry to connect both B2B and B2C. This platform will help share insights of how some of the best in the industry are adopt-

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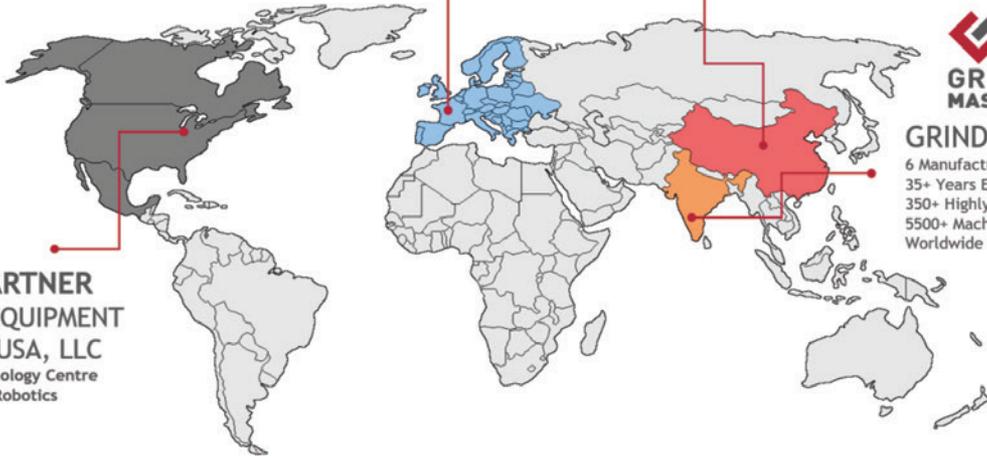


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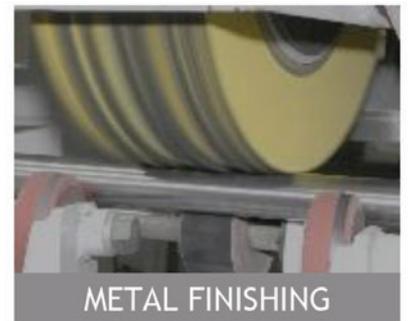
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**“After the last few very challenging months of 2020 due to both the economic slowdown as well as the Covid-19 pandemic, our opinion is that the Indian market will grow significantly.”**

**Shashank MP, President, FFG MAG India**

ing to the change.”

Subrahmanya Kumar, Country Sales Manager – India, SBU Metal Precision, Tyrolit India Superabrasive Tools Pvt. Ltd., states: “In the current scenario digital platforms are very important to get connected with the industry, valued customers and share information on the innovations in the product offerings and the possible optimisations through them. As the exhibitions can be visited from one’s respective location, this platform will be a nice opportunity for all the concerned to take advantage of the same.”

Mohini Kelkar, Director – Business Development, Grind Master Group, thinks: “Digital platforms like webinars, online conferences and virtual exhibitions are playing important role in growing businesses in the post Covid situation. These platforms are very useful even to have a discussion, negotiations and finalise the orders. The Machinist Manufacturing Conference and Virtual Exhibition is a good initiative towards new normal, and we are sure that it will be a grand success.

Shyam B V, MD, Blum-Novotest Measuring & Testing Technology Pvt Ltd, says that digital platforms are the futuristic industrial innovation. “To sight an example, in our company Blum-Novotest, we have developed an app called as

gives a kick start to reach out to our new customers in the future with better solutions and business.”

Deepak Paul, MD, igus India, says that the Covid-19 scenario has emphasised the human resilience and adaptability. As businesses ceased to operate the way it was known for many years, the transition to digital platforms was almost automatic and seamless.



**“Manufacturing sector is in the recovery path after experiencing difficulties of pandemic time and expected to reach normalcy soon with new protocols.”**

**Subrahmanya Kumar, Country Sales Manager - India, SBU Metal Precision, Tyrolit India Superabrasive Tools Pvt. Ltd.**

“Interestingly the changes prove not useful for just the crisis period, instead it throws up enormous opportunities and benefits. For an advertiser, he today has a larger audience at relatively cheaper costs; for a user, he now has access to significant information and contact possibilities, all at low cost and comfort of his household or office or even better, when mobile. There are no more timelines and 24 x 7 in the true sense becomes operational.

“We are happy, though not surprised that a platform like “The Machinist” has been on the forefront of setting the new benchmarks for this transformation. With many such “Industry Firsts” and “Firsts for the Industry”, we are confident that The Machinist and their worthy contemporaries will continue to excel and raise the bar in terms of user benefits. We are therefore extremely happy to partner with this Conference and look forward to a Great Show and possibly a ‘New Normal!’”



**“Industries must adopt new business techniques, digital platforms, smart marketing tools, and social distancing on shop-floor to achieve smooth business operations.”**

**Mohini Kelkar, Director - Business Development, Grind Master Group**



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**“The biggest differentiator is the competitive advantage India offers with a young resourceful workforce.”**

**Preetham P A, Aerospace and Defense Lead, Forbes and Company Limited**

Dr. Kaustubh (Keb) Nande, Director Marketing- Korea, ASEAN, Pacific & India, Manufacturing Intelligence division, Hexagon, says that events and exhibition platforms are changing dramatically, especially post Covid-19. With platforms like Machinist Manufacturing Conference and Exhibition, manufacturing ecosystem players have a medium to showcase what is new and stay up to date with the industry. It has given everyone a significant opportunity to network and gains insights into the challenges.

#### **WAY AHEAD FOR INDIAN MANUFACTURING**

Shashank of FFG MAG India also expresses his views about on the outlook for the Indian manufacturing industry for the next 15 months. He says: “Our opinion is that the Indian market will grow significantly. Reforms like self-reliant India being promoted will certainly motivate higher investments in all manufacturing sectors. India is also being looked as a preferred destination for most global manufacturing companies. Fresh investments are expected in diverse sectors like electric vehicles, aerospace, defense, medical equipment and consumer electronics in addition to the automotive and farm equipment sectors which will complement the rapid growth of Indian manufacturing sector.



**“We are already experiencing a steady growth in our business as the industry is looking at optimisation of the investments and the automation which would be the key for future success.”**

**Shyam B V, MD, Blum-Novotest Measuring & Testing Technology Pvt Ltd**

Yatendra Kumar of MotulTech says that few signals of early positive start have already started coming in, like growth of tractor sales, GST collections etc., but short to medium term growth is still in doubt. However I am very confident of Indian Manufacturing in long term 12 -15 months period thanks to various reasons like our own consumption, less dependency on export, local manufacturing initiatives like Make in India for new segments like electronics manufacturing and support to existing segments like pharmaceuticals, auto components and other engineering goods and chemicals. Apart from this control

on import of non-essential cheap products from China by common people and government agencies will also be additional benefit to our manufacturing sector.

Subrahmanya Kumar of Tyrolit adds, “Manufacturing sector is on the recovery path after experiencing difficulties of pandemic time and expected to reach normalcy soon with



**“I am very confident of Indian Manufacturing in long term 12 - 15 months period thanks to various reasons like our own consumption, less dependency on export, local manufacturing initiatives like Make in India and so on.”**

**Yatendra Kumar, Business Head, MotulTech India**

new protocols. The market will start realising the actual demand which will raise the manufacturing activities. The drive by many global manufacturers to relocate from China to alternative countries is expected to reward Indian manufacturing sector. Governments’ steps towards being self-reliant through Make in India and increased indigenisation through private participation in defence sector etc. will further support the manufacturing industry.”

Mohini Kelkar of the Grind Master Group believes that ‘to sustain through this hard time, industries need to have tight controls on their budgets, operating and material costs, process optimisation and also make effective use of available manpower’. “Industries must adopt new business techniques, digital platforms, smart marketing tools, and social distancing on shopfloor to achieve smooth business operations,” she explains.

Preetham of Forbes and

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**“The best outlook that we hope for is an early restart and accordingly plan to re-skill and up-skill to be leaner, smarter and ready.”**

**Deepak Paul, MD, igus India**

Company Limited, believes that demand in India will increase in the next 15 months. “Some of the factors which will influence this are the rapidly increasing middle class population and their spending power, the reduction of global company’s dependency on China, privatisation of the public sector in India with focus on defense and railway.

“Investment in the Indian manufacturing sector has been on a rise both domestic and foreign with investments of over US\$600 billion in FY20. Initiatives like Make in India, Atmanirbhar Bharat, changes in the taxation policy with more transparency in tax laws should bring a change in the way business is done in the country.”

“The biggest differentiator is the competitive advantage India offers with a young resourceful workforce; India still has a huge demography which is untapped in the B & C category towns which are being upgraded with better connectivity and bigger investments,” Preetham says.

Shyam of Blum-Novotest is optimistic of the future business. “We are gearing up towards the same. We are expecting



**“With Industry 4.0 adoption led by companies, growth and productivity is expected to increase exponentially.”**

**Dr. Kaustubh (Keb) Nande, Director Marketing- Korea, ASEAN, Pacific & India, Manufacturing Intelligence division, Hexagon**

tion and autonomous solutions is how we see manufacturing unfolding. With Industry 4.0 adoption led by companies, growth and productivity is expected to increase exponentially. The Indian government is also heavily investing in the growth of the manufacturing sector with initiatives like SAMARTH- Udyog, Bharat 4.0. Several other policy measures will also do good in the medium to long term. I see a progressive manufacturing industry in the next few years.”

Sharing his views on the future outlook, Deepak Paul of igus says that ‘in the times when the best predictions go haywire, we doubt whether we could rely on any outlook’. ‘At best, the ‘outlook’ that we could hazard is a hope that things will get better. We have now seen a long period of declining demand initially from the economic slowdown and now due to the Covid lockdowns and closures. Loss of jobs definitely is a concern which however, is incidental to contractionary cycles. Only, this time that we have a deep and significantly prolonged contraction.

However, the silver lining for India is that our Industry is largely driven by domestic demand and not exports (which should be a good growth engine going forward in the new World dynamics). The best outlook that we hope for is an early restart and accordingly plan to re-skill and up-skill to be leaner, smarter and ready,” he concludes.



**“This could be a fresh start in the way exhibitions are run in the future. We look forward to welcoming lots of people from the automotive, general engineering, railways and aerospace industries to our stand. They will receive the same high-level service from our team as if they were there**

**in person. We will have lots of content available, such as product videos and brochures, for visitors to view and take with them.”**

**Gautam Ahuja, MD, Dormer Pramet India.**

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**SHASHANK MP**  
President  
FFG MAG India

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- Integrated grinding solutions.
- Rotary transfer machines.

The FFG MAG India facility in Bangalore is focused on building MAG SPECHT horizontal machining centers and FEELER VMP and VMX vertical machining centres. The state-of-the-art fixture manufacturing, engineering and spindle setup complement FFG MAG India with the full-fledged local technology capability to deliver high technology systems in the Indian market.

# Powerful, Full-Spectrum CAM System

ESPRIT<sup>®</sup> is a powerful CAM system for CNC programming, optimization, and simulation. With its factory-certified post processors delivering machine-optimized G-code and ability to solve unique challenges with automation solutions, ESPRIT is the solution for any machining application.

ESPRIT's functionalities include:

- 2-5 axis milling
- 2-22 axis turning
- 2-5 axis wire EDM
- Swiss-type
- Mill-turn
- High-speed machining



[espritcham.com](mailto:espritcham.com)

**GOLD PARTNER**

**MOTUL** **TECH**



**YATENDRA KUMAR**  
Business Head  
MotulTech India

## MOTULTECH

**M**otulTech is industrial lubricants division of the Motul group, an international French industrial group, specialist for more than 160 years in high performance lubricants. More than century and a half of uninterrupted activity which has allowed us to constantly modernise itself and climb to the vanguard of technology. This permanent quest and the determination to move forward have led the company to an envied position in its sector. The company enjoys worldwide repute and is unanimously recognised for the quality of its products, capacity to innovate and involvement in the world of competition. MotulTech develops, manufactures and markets industrial high technology lubricants for the machining and transformation of metals, as well as high performance lubrication of industrial equipment.

MotulTech has its presence in many countries all over the world through its products and services as well as production and R&D. In India, Motul Tech develops and manufactures specific high performance product ranges for the industry, in Metal Working, Industrial and specialty Lubrication, aluminium Die casting.

MotulTech offer very specific product offer in demanding segments such as machining, aluminium die casting and aeronautic machining. With its performance and technology background coming from automotive competition, Motul offers a different approach to the industrial customers, with tailor made solutions. MotulTech will adapt its solutions to its customers' needs where others will ask the customers to adapt to their products !

MotulTech guarantees to its Indian industrial customers high quality and performance products, extensive sales and technical support (including lab services), a performing supply chain, and overall innovative and smart solutions in the industrial lubricants field.

*Weblink: [https://www.motul.com/fr/en/product\\_landing\\_pages/industrial-application-page](https://www.motul.com/fr/en/product_landing_pages/industrial-application-page)  
Barladi.com*



**RAVI PREM**  
COO, Forbes & Company  
Ltd. (Brand Totem &  
Brand Bradma)

**SILVER PARTNER**



**High Performance Cutting Tools**

## **FORBES & COMPANY LIMITED WITH BRAND TOTEM & BRAND BRADMA**

**F**orbes & Company Limited is a manufacturer of Precision cutting Tools under the brand name Totem and Marking solutions, Automation & Robotics under the name brand name Bradma, Spring Lock Washer manufactured under brand name BBBB and Hand Tools and Power Tools Accessories brand under name Forbes Kendo . The credibility of all products lies in the innovative technology used for their creation. All our products are created in a world class manufacturing plants in Aurangabad where 500 plus employees toil day and night to create the premium product range. All factories are fitted with state-of-the-art machinery imported from countries like Germany, Switzerland and Australia. Our cutting tools are manufactured on international CNC machines and quality tested through simulation tests in renowned branded testing equipment our product consistency is beyond doubt.

### **Products and Service Offered**

Totem product line includes High Performance Threading Taps in HSSE, HSSE-PM and Carbide material. Solid Carbide End Mills, Thread Mills & Drills, Tungsten Carbide Rotary Burrs, Carbon Steel Taps, Dies and Die Nuts, High Speed Steel Drills and Annular Cutters.

Bradma product line includes Electric & Pneumatic Pin Marking Machines, Laser Marking Machines and Industry Automation which includes Customized Marking Workstations, Vision & Monitoring System, Conveyor System, Robotic Application, Conventional Marking Machines.

BBBB product line includes plated and natural Spring Lock Washers.

Forbes Kendo product line includes Tool Storage and Assortment, Holding Tools, Fastening Tools, VDE Tools, Mechanic Tools, Striking Tools, Measuring Tools, Plumbing and Sawing Tools and Power Tools Accessories.

Contact: Sujit Margaj, Mobile: +91 9819106026; Email: [sujit.margaj@forbes.co.in](mailto:sujit.margaj@forbes.co.in); Landline: + 91 22 61358958 (Ext 958);

Website: [www.totem-forbes.com](http://www.totem-forbes.com)

Company address: Forbes & Company Limited, Forbes Building, Charanjit Rai Marg, Fort, Mumbai - 400 001

**SILVER PARTNER**



**VIVEK NANIVADEKAR**

Executive Director  
FIBRO India

## FIBRO INDIA

**F**IBRO India is 100 percent subsidiary of FIBRO GmbH, Germany. The company is the only manufacturing unit outside Germany though it has marketing subsidiaries in all industrial countries. Established in 2008 in a rented place, the company has moved to its own current location in 2013.

FIBRO GmbH was founded in Weinsberg, Germany in 1958 and has been part of the LÄPPLÉ Group since 1974. Today, about 850 people around the world are employed in the company's standard parts and rotary tables divisions. FIBRO has direct presence through sales and marketing offices in France, Poland, the USA, India, Singapore, Korea and China, and over 70 representatives and service partners worldwide.

FIBRO has two divisions - Standard Parts for dies & molds and Rotary Tables for automation and metal cutting applications. FIBRO is a global market leader offering Standard parts that include Die Sets, Guide Elements, low-maintenance oil-less guide elements, precision parts such as punches and matrices, compression springs, high-safety gas springs, metal forming materials, peripheral equipment for presses and tools, cam slide units with spline, roller or hydraulic drives and Standard parts for mould making to suit the stringent quality requirements of sheet metal forming dies for world renowned auto makers such as Volkswagen, Mercedes Benz, AUDI, BMW etc.

Also, FIBRO is the pioneer in Rotary Tables having manufactured the largest Rotary table to carry the load of 25 tons. FIBRO India has started manufacturing the Rotary Tables required for Automation in various manufacturing Industries such as Aerospace, Medical & Pharma, Power Engineering, Railways, .

Our USP is 'German Precision at Indian costs backed by 60 years of worldwide rich experience in Tool & Die industry & Machine Tool Industry'

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Company address: Plot No.: A-55, Phase-II, Chakan MIDC, Taluka Khed, Pune – 410 501, India



**T K RAMESH**  
MD & CEO,  
Micromatic Machine Tools  
Pvt. Ltd.

**SUPPORTING PARTNER**

**AceMicromatic**  
Group

## ACE MICROMATIC GROUP

**A**ce Micromatic Group (AMG) is global machine tools conglomerate and also the largest machine tools group based out of India. Comprising of more than 10 machine tools and allied solutions companies, the group is a combination of companies that are No.1 in their respective industries in the Indian subcontinent for over 40 years. With a global installed base of 55,000+ machines and a growing presence across North & South America, Europe, the Middle East, Australia, and Asia, it endeavours to be “All You Need In Machining” to its 15000+ customer base. With a goal to be the most comprehensive machine tools solutions provider AMG offers training, seminars, application engineering support, part-prove-outs and more at 9 Tech Centres spread across Asia to empower their customers.

### **More about the range of solutions at AMG:**

**CNC Turning:** Ace Designers is India's No.1 producer of a comprehensive range of CNC lathes. They have also built capabilities in the field of application engineering and tooling solutions. It also offers turnkey solutions.

**CNC Milling:** Ace Manufacturing Systems (AMS) started in 1994, is the No.1 and largest manufacturers of Machining Centers in India. It offers one of the widest ranges (over 100 variants) of machining centers, both vertical and horizontal and covers the entire gamut of milling applications.

**CNC Grinding:** Established as Micromatic Grinding Technologies Ltd (MGT) in 1973, the company has the largest market share in the Indian grinding machines market with 4500+ machines delivered worldwide. MGT manufactures a wide range of External, Internal, Universal and Special Purpose Cylindrical Grinders in

CNC, PLC and Hydraulic versions.

**Productivity:** AceMicromatic Manufacturing Intelligence Technologies Pvt. Ltd. (AmiT) is India's leader, and first mover, in the space of Industry 4.0 and Smart Manufacturing software. Their products like TPM-Trak, MachineConnect, and others are currently in use at hundreds of corporations, Tier-1s and SMEs. Winner of multiple prestigious awards, their products empower industries to improve their OEE and profits significantly.

**Customer service and sales:** Micromatic Machine Tools (MMT) is the sole Marketing and Service wing and a total solutions hub for entire customer machining needs of Ace Micromatic Group, India's Largest Machine tool conglomerate. MMT is an ISO 9001:2015 certified company, with eight Technology Centers and 700+ employees spread across 60+ offices around the globe.

**Machine tool accessories:** Pragati started in 1977, is the largest manufacturer of high precision automation accessories for machine tools in India. Their wide range of products includes Tool Turrets, ATCs, Driven Tool Turrets, Servo Turrets, and Hydraulic Chucking Cylinders.

**Special Purpose machining:** Taurus is a renowned Special Purpose Machine manufacturer that caters to the diverse requirements of the machine-building industry. Established in 1988, the company specializes in a variety of international standard tailor-made import substitution SPM machines at an economical price.

**3D printing:** amace solutions Pvt. Ltd. is an additive manufacturing solutions and services provider offering pre-processing, printing and post-processing in metal 3D printing. Manufacturers from sectors like aerospace, medical, automotive and more have trusted amace for their additive manufacturing/3D printing needs.

**SUPPORTING PARTNER**

**BLUM  
NOVOTEST**



**SHYAM B V**

MD, Blum-Novotest Measuring &  
Testing Technology Pvt Ltd

## BLUM-NOVOTEST

**A**s a family-run company, we have deep roots in the region while also operating an international network of sales and service subsidiaries. From our sites in Graunkraut in Baden-Wurtemberg and Willich in North Rhine-West-phalia, we supply to the machine tool, automotive and aerospace industries as well as the energy and medical technology sectors and numerous other demanding industrial areas across the globe.

We are always there wherever you need us-and have been so for the last 50 years.

Each of our products combines experience and expertise with an instinct for forward-looking solutions. A comprehensive service portfolio gives us an innovative edge and our customers the assurance of always receiving the best solutions. Every day, more than 500 employees worldwide work to achieve this.

We have three business divisions- Measuring Components, Measuring and Testing Technology and Novotest Test Engineering.

Measuring Components – The division measuring component develops and produces high-quality measuring technology for machine tools. We offer laser measuring system and probes for tool setting and monitoring, touch probes for workpiece and tool measurement, as well as sophisticated probing software for comprehensive production control during initial setup.

Measuring and Testing technology – the division measuring, and Testing Technology offers state-of-art, well proven solutions for dimensional or geometric measurement and crack testing mainly for rotation-simulative parts in the automotive industry and its components suppliers. Furthermore, we are a capable partner for your individual measuring & testing demands.

Novotest Test Engineering – Novotest is the Test Engineering division of Blum-Novotest GmbH. Novotest plans, develops, and manufactures test bench for function, endurance, and lifetime testing for the automotive, hydraulics and aerospace industries. The Scope of supply and services includes planning, designing and construction, as well as the integration into our customer's automation systems.



**GAUTAM AHUJA**  
MD  
Dormer Pramet India.

**SUPPORTING PARTNER**  
**DORMER  PRAMET**

## **DORMER PRAMET**

**D**ormer Pramet is one of the fastest growing cutting tool manufacturers in India. For more than a decade, we have offered a versatile range of high quality, fit-for-purpose tools for general engineering and multi-application production environments across the country.

Our core products include indexable and rotary drilling, milling, threading, parting and grooving, and turning tools through two key brands – Dormer and Pramet.

These product brands have built a good reputation within India, as our team works closely with customers in segments such as die and mold, railway, automotive, aerospace, general engineering and heavy machining.

Dormer Pramet was recently recognized as a ‘Best Brand’ in the Indian metal cutting industry. The Economic Times’ initiative highlights companies that have gained customer confidence and maintained their positions within specific industry sectors.

We work through distribution, but we do a lot of technical work at the end-user level and that’s the way we drive our products to customers.

Moreover, we are committed to investing in India and recently announced an agreement to acquire the business of Miranda Tools, a manufacturer of High-Speed Steel (HSS) and solid carbide cutting tools. With a corporate base in Mumbai and several manufacturing facilities in the state of Gujarat, Miranda is one of the leading domestic cutting tool brands.

This acquisition will enhance Dormer Pramet’s position as a leading global manufacturer with more than 20 sales offices around the world, additional dedicated production facilities in the Czech Republic, USA and Brazil, and a highly developed distribution and logistics network.

**SUPPORTING PARTNER**



**GRIND  
MASTER**



**MOHINI KELKAR**

Director – Business Development,  
Grind Master Group

## GRIND MASTER GROUP

**G** Grind Master Group is a GLOBAL TECHNOLOGY LEADER in specialized TURNKEY Machines for Metal Finishing, Deburring, Microfinishing, Robotic Machines and Abrasives, providing total solutions for surface finishing requirements.

With over 5500 machines across 6 continents, serving a wide range of industries, we bring a world of experience of over 35 years in machine technology & process knowledge.

GM group operates with 6 integrated factories and 3 R&D Centres across the globe. Our companies in India, China, France and USA constantly strive to exceed customer expectations with Innovative & Trustworthy solutions created with Passion and Expertise.

Based on Core Values of Innovation, Passion, Expertise and Trustworthiness, Grind Master Team Loves Building Machine. The often said statement is “We eat Sleep dream machines”. This is reflected across our company culture. With a very strong commitment to Quality with a simple policy “100 – 1 = ZERO”, the Grind Master team is geared to exceed customer expectations with our solutions.

Employee Engagement levels in Grind Master are fairly high, due to the challenging nature of work and management philosophy of inclusive growth. Opportunities for Vertical growth within Business Units, Horizontal Growth with committees etc motivates team members to grow in performance. There is intensive training and mentoring for everybody with 50 hours/man/year achieved consistently for the last 3 years. Further several initiatives including Sports clubs and CSR engages not only employees but also their families, making it a very vibrant culture for a company aspiring to be a global technology leader.



**DR. KAUSTUBH (KEB) NANDE**  
Director Marketing- Korea, ASEAN,  
Pacific & India, Manufacturing  
Intelligence division, Hexagon

**SUPPORTING PARTNER**



**HEXAGON**

**H**exagon is a global leader in sensor, software and autonomous solutions committed to a simple, yet powerful purpose: Putting data to work to empower an autonomous future. In this future we're empowering, data is doing its greatest work — leveraged to achieve its full potential. It's a world where our customers possess the means to flourish, the room to grow, and the data-driven efficiencies, productivity, and quality outcomes to ensure that both humanity and sustainability thrive.

The idea of putting data to work is part of Hexagon's DNA. Our legacy has always been linked to data. We emerged as a leader in sensor solutions nearly 20 years ago, which enabled the digital capture and positioning of the physical world. We added software solutions to unlock the value of sensor data and offer the ability to design and simulate and provide location intelligence of real-world scenarios. We are combining machine learning and AI with our sensor and software leadership to create powerful autonomous solutions.

**Our strategic advantage: The Smart Digital Reality™**  
Hexagon is unique in our breadth and depth of sensor, software and autonomous technologies. When these core capabilities converge, their collective value increases exponentially. The result is a Smart Digital Reality™, which is what we aim to deliver with every solution we provide. It is our strategic advantage and the greatest source of value for our customers. A Smart Digital Reality™ is a digital replica of a complete physical world, where all associated things, places and processes within it are machine-readable and subject to the power of algorithms.

Characteristics of smart Digital Reality:

- Digitally accessible: Provides seamless access to physical world information in a digital world
- Infinitely connected: Draws and acts on data from multiple sources simultaneously
- Autonomously intelligent: Leverages data to make unaided decisions and becomes smarter over time

Smart Digital Realities have the power to understand what was and what is, and to see what could be, what should be and what will be. With the ability to draw and act on data from multiple sources simultaneously, make unaided decisions, and become smarter over time, they can provide the ultimate form of data leverage.

**Leading a new revolution:** We are on the cusp of a revolution from automation to autonomy, a revolution that will finally put all data to work. Machines with only fixed, automated functions today will be capable of dealing with changing, real-world situations — intelligently and autonomously. Autonomy will be introduced to tasks, work processes, entire operations and industries. Smart, ecosystem-wide solutions will dwarf the impact of recent disruptions like the Internet of Things and big data.

Hexagon's Manufacturing Intelligence division provides solutions that utilise data from design and engineering, production and metrology to make manufacturing smarter.

*For more information, visit [hexagonmi.com](http://hexagonmi.com); learn more about Hexagon (Nasdaq Stockholm: HEXA B) at [hexagon.com](http://hexagon.com) and follow us @HexagonAB*

## SUPPORTING PARTNER



**DEEPAK PAUL**  
MD  
igus India

## IGUS (INDIA) PVT. LTD

igus (India) Pvt. Ltd, is the wholly owned subsidiary of igus GmbH, operating in the Indian Subcontinent. Iigus has grown as an outstanding brand providing solutions over conventional metallic components with specific advantages like maintenance free, lubrication free, corrosion free, ready to fit, easy installation, lighter weight, resistance to adverse conditions like chemicals, atmospheric conditions and other aggressive environments.

We manufacture polymer bearings, spherical bearings, linear guides, cables and drag chain systems.

Today, with experience and expertise gathered over the past 5 decades of continuous research, testing and feedback from the customers all over the World and spanning industry groups from aerospace to automotive, packaging to printing, machine tools to material handling, automation to robotics, igus stands ready with over 50000 elements from ready range spanning over five product lines. igus offers detailed technical literature and life time calculators based on real tests done in the igus laboratory over a long period of time. On average igus runs around 6000 tests apart from customer specific tests in a year. Iigus across 20 different locations helps to reap unique benefits of “24 hours or Today delivery” advantage!

Founded in 2000, igus India currently has 160 employees spread over 22 locations pan India.

For more information, visit: <https://www.igus.in>



**SUPPORTING PARTNER**

**TYROLIT**

**SUBRAHMANYA KUMAR**

Country Sales Manager – India,  
SBU Metal Precision, Tyrolit India  
Superabrasive Tools Pvt. Ltd.

**TYROLIT GROUP**

**A**s one of the world's leading manufacturers of bonded grinding, cutting, sawing, drilling and dressing tools and a system supplier of tools and machines for the construction industry, the family-run TYROLIT Company has been synonymous with superior quality, innovative spirit and outstanding service since 1919. The family owned business combines the strengths of being a part of the dynamic Swarovski Group with a century's worth of individual corporate and technological experience. Our innovative tools have made an important contribution to the technological development in many industries.

**The TYROLIT Group is 100 years old**

13 February 2019 marked the 100th anniversary since TYROLIT was officially founded. During this period, based on its expertise in grinding crystal for Swarovski in Wattens, the company has developed into an international group with subsidiaries all over the world. Today, the TYROLIT Group is one of the leading suppliers of high-quality grinding solutions in various industries.

The TYROLIT Group is organized in three divisions:

- Metal Industry – Serves the metal fabrication and precision machining markets.
- Construction – Serves the construction industry.
- Quartz – Serves the stone, ceramic tile and glass industries.

**Metal Industries:** Our product range in Metal Industries includes high-tech tools for a wide variety of applications. In addition, we offer a comprehensive trade assortment for cutting, grinding and surface treatment. With our many years of experience in surface treatment, we have developed a deep understanding of the specific requirements of our customers in various industries including Automotive Industry, Bearing Industry, Transmission Industry, Tooling Industry, Aviation and Turbine Industry, Medical Industry, Electronic Industry, Steel and Foundry Industry etc.

**Construction:** We are one of the world's leading suppliers of highly efficient machines and diamond tools for all types of construction-related applications. We also develop tailor-made system solutions for individual projects. In this way, we always offer the ideal answer to every challenge that construction professionals face.

**Quartz Industries:** Our customized diamond tools impress with exceptional performance. For the most demanding customer requirements, we offer tools for cutting, calibrating and polishing natural and artificial stone, as well as ceramic and glass materials. Needless to say, we also provide tools for trueing and dressing.

*Contact: TYROLIT India Superabrasive Tools PVT. LTD.;*

*Landline: +9180 28391811; Email: sales-india@tyrolit.com;*

*Website: [www.tyrolit.com](http://www.tyrolit.com)*

*Company address: No. 1D, 2nd Phase, Peenya Industrial Area, 560058, Bangalore, Karnataka, India*

## SUPPORTING PARTNER



## DP Technology

**D**P Technology is a leading developer and supplier of computer aided manufacturing (CAM) solutions for high value-added parts and demanding machining applications. DP Technology is founded on the vision of technology's potential, powered by passion, guided by integrity, and committed to excellence. These core values are embodied in DP Technology's flagship product, ESPRIT - the world's leading CAM solution. DP Technology reinforces its commitment to technical excellence by dedicating 20% of its annual revenues to ongoing research and product development. This long-term focus has produced strategic technological advancements, spring boarding ESPRIT to its industry-leading position today.

### Product

ESPRIT is a powerful, full-spectrum, CAM system providing programming, optimization and simulation for additive and subtractive manufacturing processes including: 2-5 axis milling, 2-22 axis turning, 2-5 axis wire EDM, multi-tasking, mill-turn, Swiss style, B-axis machine tools, and high-speed 3- and 5-axis machining. ESPRIT is OEM-certified, driving machine tools in over 15,000 shops across the globe, and is available in more than 17 languages from over 300 resellers.

Using the ESPRIT Digital Machine - machine skin models, controller emulators, machine parameters and universal post processors - ESPRIT delivers powerful

programming, accurate simulation and machine-optimized G-code. The ESPRIT solution is backed by world class technical support to get started quickly and keep running at top efficiency.

### Customer Base

ESPRIT has a worldwide user base across a broad range of industries and disciplines. Examples include:

- Aerospace, Aviation
- Automotive, Transportation
- Consumer Products
- Defense & Military
- Electronics, Telecom
- Energy, Oil & Gas
- Heavy Equipment,

### Construction

- Industrial Machinery
- Machine Tool Industry
- Medical & Dental
- Die / Mold
- Job Shop

### Management Team

DP Technology was co-founded in 1982 by Daniel Frayssinet and Paul Ricard, a partnership with more than 60 years of combined manufacturing technology experience. Both continue as active leaders in the company's day-to-day operations.

DP Technology Corp., a privately held company incorporated in 1982, maintains its corporate headquarters in Camarillo, California along with sales and support operations in Europe, Asia, Africa, and North and South America.

Website: [espritcam.com](http://espritcam.com)



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Thank You  
to all our Partners

**Sixth Edition**



**Ace Micromatic**  
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- MACHINING EXCELLENCE • DIGITAL MANUFACTURING • HUMAN RESOURCES (HR)
- CORPORATE SOCIAL RESPONSIBILITY (CSR) • SUPPLY CHAIN • MAINTENANCE • COVID-19 INNOVATION

**COMING SOON**

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Cutting Tools Partner



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