The 10th International Construction Equipment And Construction Technology Trade Fair: Show Roundup

South Asia’s largest construction equipment (CE) and construction technology trade fair organised by the Confederation of Indian Industry (CII), EXCON 2019 was held at the Bangalore International Exhibition Centre, Bengaluru from 10th-14th December 2019. As part of the 10th year celebrations of EXCON, CII planned to organise special activities like celebrating ‘Women in Infrastructure’, exclusive Pavilions on AI, IoT, Robotics, Start ups, components and parts among others.

Over the last 9 editions, the event has grown into one of the topmost construction equipment exhibitions in this part of the world. It is an ideal platform to connect all infrastructure stakeholders, including policymakers, investors, and developers, with the exciting growth story of India’s infrastructure. Indian Construction Equipment Manufactures’ Association (ICEMA) was the Sector Partner for the event and the show was supported by Builders Association of India (BAI).

The show spread over 3,00,000 sq. m witnessed participation of over 1,250 exhibitors including 390+ overseas companies from 21 countries with country pavilions from China, Germany, Italy, South Korea, Turkey, UK and USA among others. The 5-day exhibition attracted over 70,000 business visitors, from India and abroad.

The theme for the current edition of EXCON was ‘Smart i-tech-Next Gen India@75’, with the aim to demonstrate the role of smart technologies and innovation in design in the manufacture of NextGen CE and machinery to support the rapid pace of infrastructure development in the South Asian region. EXCON 2019 endeavours to build India’s infrastructure in an ecologically sustainable manner, enabling projects on Smart Cities, supporting Swachh Bharat programs, promoting Skill Development and position “Make In India” – as the National Agenda for achieving holistic growth in the infrastructure and related sectors.

Inaugural Session

Shri. Nitin Jairam Gadkari, Hon’ble Minister for Road, Transport and Highways and Micro, Small and Medium Enterprises (MSME), Government of India, along with Shri. B.S. Yeddyurappa, Hon’ble Chief Minister, Government of Karnataka inaugurated CII EXCON 2019. Delivering his inaugural address, Shri. Gadkari said that “The CE industry can hope to expect a 40% increase in sales in the near future, as the Government is pumping huge amounts of investment in road and other infrastructure projects such as the development of waterways, airports, ports, and smart cities. But the private sector should focus on bringing down the cost of construction and pollution.”

The Guest of Honor, Shri. B. S. Yeddyurappa, Chief Minister of Karnataka, said that “Karnataka is an emerging hub for CE, component outsourcing base and design base. The state presents huge business opportunities for the construction industry, as it is embarking on major infrastructure development projects in roads and flyovers, industrial infrastructure and power.”

Mr Vikram Kirloskar, President, CII, in his address, said “India is on a mission to build up its infrastructure. The government has embarked on an ambitious strategy to spend about $1.3 trillion in
infrastructure construction over the next five years. With this as driving force, the CE industry is set for a new horizon of growth.”

In his address, Mr Chandrajit Banerjee, Director General, CII, said “EXCON was launched at a time when the construction industry was set for a new growth trajectory. With 83 exhibitors in 2000, we are proud that this year, over 1250-plus exhibitors participated at the show. This demonstrates the need and utility of this exhibition for the sector and other stakeholders.”

Delivering his theme address, Mr Vipin Sondhi, Chairman, CII Trade Fairs Council, said that “This edition of EXCON with the theme, Smart i–tech– Next Gen India@75 provides a platform for the display of technological advancements in the CE sector. EXCON would project the CE industry as an industry of the future and help us bring the vision of India@75 to fruition.”

During the Inaugural Session, a MoU was signed between Education Department (Higher) of Government of Karnataka and CII on Industry Institute Connect, which will focus on creating a taskforce of Government and CII on facilitation of skilling and teaching content in the construction equipment sector.

**EXCON Women Building India Awards**

The inaugural session celebrated women in infrastructure by introducing, ‘Women Building India– Equal Opportunity Awards’ and recognised companies from the Infrastructure sector who have taken proactive steps to enable women to participate in the workforce. EXCON hopes to initiate a dialogue on how women can be engaged in a traditionally male driven sector through this special initiative launched in this edition. The award saw 50 companies applying for the different award categories. The Chief Guest, Shri. Gadkari presented the awards to the winners:

- Cummins India Limited – Inclusive Workplace for Women Award
- JCB India Ltd– The Special Initiative (Shop Floor) Award
- Feedback Energy Distribution Co Ltd (FEDCO) – The Special Initiative (Unskilled Workforce) Award

A report titled ‘Women in Infrastructure’ was also released during the inaugural ceremony. The report uncovers the current status of women participation in the sector and best practices that can enable the sector to include more women as it continues to develop.

**Bridge 2019 – Building Regional Infrastructure To Drive Growth Of Economies**

On Day 1, a Conference was organised on ‘Building Regional Infrastructure to Drive Growth of Economies’. “Let us build a 100 Smart Cities that are best in the world” said Mr Amit Gossain,
Co-Chairman, CII National Committee on Smart Cities and Urban Development, and Managing Director, KONE. Adding to this, he pointed out that infrastructure development in India must focus on promoting ease of living for its people and ease of business for the business community. There is also a need to work towards policies that simplify infrastructure funding and private investment in infrastructure projects.

A session was conducted on ‘Infrastructure Powering Regional Economic Growth’. It was moderated by Mr Sanjeev S. Ahluwalia, Advisor, Observer Research Foundation, who began the session with a brief on policy issues and their impact on the infrastructure segment.

Mr Asit Ranjan Sikdar, Vice President–Project Advisory and Structured Finance, SBI Capital markets said that despite a slight dip in foreign investments, India continues to be an attractive destination for investment. Further, speaking about the power sector, Mr S. Chandrashekhar, Managing Director, Bhoruka Power stated that the sector was over regulated. He said that for systems and technologies to work, the focus must be on ethics. Also, he emphasised the need to use electricity as a commodity and not an incentive.

The session also witnessed addresses of Mr Rajkiran Kanagala, Senior Vice President and Group Head – Business Development, Transport Corporation of India and Mr Barinder Sethi, Vice President, Quess Group.

The title for the second session was ‘Technology for Smarter, Faster and Secure Infrastructure’, which was moderated by Dr. Sumit Chawdhury, Managing Director, CEO and Founder, GAIA Smart Cities. Greater transparency, improved efficiency, and effective management were the key issues highlighted in the session, where panellists discussed the impact of effective use of technology in infrastructure projects.

The speakers were Mr Anand Sirohi, Director, India and SAARC, Trimble and Mr Sanjay Mundley, Senior Vice President – Business Development, Mitsubishi Heavy Industries India, among others.

Artificial Intelligence Iot And Automation

The second day of the show started with a Conference on ‘Artificial Intelligence IoT and Automation’. This session focused on the paradigm shift from machine training through programming to achieve automated solutions with AI and IoT under the Industry 4.0 wave, where Mr Kris Gopalakrishnan, Chair, CII AI Forum & Chairman, Axilor Ventures said that, “From USD 180 billion economy in 1980s to over USD 2.8 billion economy in 2019, technology has enabled India to grow multi-folds. With the right approach and great platforms like EXCON 2019, we have the opportunity and potential to lead the world in technology.”

EXCON has always been a very good show for us and the number of customers visiting us is increasing with each edition. We are becoming more and more renowned in India, and this is evident in the amount of people coming to see us in order to get a trustful solution for a well working curing process. The plan for 2020 is to increase sales in India again. Though the market is difficult, there is still a huge demand and we plan to cater to that.

Schwing Stetter India is extremely delighted to be a part of EXCON 2019. We have been an exhibitor since 2000. We believe our participation in such a reputable platform will do much to bolster our standing as one of India’s leading concreting and construction equipment manufacturers to be reckoned with. The response to our display is overwhelming and that is a matter of great satisfaction for us as a company.

We hope EXCON 2019 will create a new dynamic in the construction industry and help the market to gain some confidence. The second day has witnessed huge footfall and we are expecting to see larger crowds over the next 2 days. We always listen to the customers’ need and create products based on that. We want the customers to be more efficient, so we are developing several fleet management tools.
In his theme address, Mr Pratik Kumar, Chairman, Task Force on AI, IoT and Robotics, and Chief Executive Officer, Wipro Infrastructure Engineering, said, “The 10th edition of EXCON with the theme, Smart I-tech – Next Gen India@75 has thrown light on the role of technology as a change-agent in the construction and equipment industry and factors responsible to accelerate the industry’s pace. And, it is no surprise that even in this sector the products and services are creating new experiences for all of us.”

Risk And Credit Conclave 2019

Day 2 of the 10th edition of EXCON also witnessed a Conference on ‘Risk And Credit Conclave 2019’. Addressing the topic, Mr Sandeep Singh, Managing Director – Tata Hitachi and President, ICEMA, said “The construction industry needs to focus on understanding customer expectation and guide the customer towards the best solution.” With optimism about the future of the CE industry in India, he emphasised the abundance of jobs in this field.

Mr Jaswinder Singh Bakshi, Convener – Finance Panel, ICEMA, suggested that the opportunities arise when the market is stressed. Also, he stressed on the need to support the equipment leasing market in India. ICEMA was looking to bring to India the best practices in both financing and leasing from other countries.

The half day conclave had discussions on Macro-economic risks in CE financing, risks in CE financing, and mitigation and handling Assets Risks.

Construction Technology – Way To $5 Trillion Economy

“Increase in the manufacturing jobs and improvements in the supply chain efficiency are crucial for India to become a US$5 trillion economy by 2025. These twin goals can be achieved only by making the construction industry robust,” said Mr Sachin Chandra, President, BAI at the conference on Construction Technology, organised on the 2nd day of CII EXCON 2019.

The conference also witnessed addresses of Mr K. Sriram, Vice President, BAI and Mr Adithya V S, CEO and Founder, Tvasta Manufacturing Solutions, among others.

CEO Power Session

On Day 3, a CEO Power Session was held at EXCON 2019. Highlighting the importance of networking for success, Sri Gaur Gopal Das, a reputed spiritual leader and lifestyle coach, said that networking is not just about exchanging cards, rather “you should invest in relationships and cultivate a spirit of camaraderie.” This would help people in business face serious challenges effortlessly. Mr Arvind Subramanian, former Chief Economic Advisor, Government of India

Normally the first day is slightly damp, but contrary to our expectations, we witnessed a large footfall, with approximately 700 customers visiting our stall. Our tag line stands for reliability, which differentiates us from other manufacturers; and this is what we are trying to convey to the end users. While the 2019 market trends were a shock for everyone, we expect a 10% growth by the end of 2020 calendar year.

At EXCON 2019, we are launching the Next Gen Cat120 Motor Grader to expand our presence in India and serve our customers to help them make more profits. Our decision to launch new products to our existing segments demonstrates our commitment to contribute to the Indian growth story.

EXCON 2019 is a great platform for us to showcase our capabilities and connect with our existing as well as new customers. We look forward to driving the evolution of India’s transport solutions in the Mining and Construction Business. We are confident that these strategic initiatives will further support the growth of the mining industry in India and strengthen our Indian growth story.
took the idea forward by suggesting that “Government must instil confidence in the investors and help bring private investment back.”

The Components Industry – Shaping The Future Of The CE Industry

Mr C. P. Rangachar, Past Chairman, CII Southern Region, and Managing Director Yuken India Limited, said “In the this exponential age, the Moore’s law of doubling of capacity every two years is applicable to all sectors – the CE industry is no exception,” at the Conference on ‘The Components Industry – Shaping the Future of the CE Industry’. He further discussed that while technological advances are beneficial for the industry, they have the potential to eliminate human touch from daily work life.

The conference also saw talks from Dr Phil McCluskey, President, Quadrature Consulting and Dr Ing V Matteo Michelin, Vice GM, SAI S.p.A Hydraulic Motors, among others.

Construction Equipment Industry: Challenges And Opportunities

In his presentation on the status of Indian CE Industry, Mr. Dimitrov Krishnan, Vice President, ICEMA, and Vice President – Sales and Marketing, Volvo Construction Equipment, said, “In the next 5 years, as India is aiming towards a 5 trillion economy, the expected investment in infrastructure would be 100 lakh crores and equipment requirement will be at least 8 times of what it is today and it is expected to generate 9 times of the employment. With the support of all the stakeholders, we are very confident that this industry is going to be an able partner to the Government of India to propel this nation from ‘Make in India’ to ‘Building a new India’.”

The interactive session also witnessed the presentations of Mr S.K Mishra, Executive Director (Infra), Ministry of Railways and Mr R. K Suryawanshi, RO– Projects, NHAI, among others.

Infrastructure For Armed Forces And Over Dimensional Cargo (ODC)

As the Indian defence sector seeks partnership with the Indian CE industry to ensure availability of latest construction technology for it to create defence infrastructure rapidly and with minimum disturbance to the natural environment, the armed forces participated in the seminar on ‘Infrastructure for Armed Forces: Emerging Requirements and Smart Technology Solutions’, organised on Day 4 of CII EXCON 2019.

The officers urged the private sector to provide gainful employment to engineers who retire from the armed forces. The seminar included the presentations of Maj Gen Pawan Anand, Additional Director General, Corps of Engineers, Lt Col A. Balakrishna SM, Assam Rifles, among others.
EXCON is a great opportunity as everyone in the construction industry gathers to do business and discuss several topics. This year’s event has come out very well and the participation is very enthusiastic. However, there is room for improvement in areas such as management and provision of facilities to the exhibitors.

Mr Debashish Roy
Country Head
Vollert India

EXCON is a matter of great pride to be a part of the largest CE show like EXCON, and we are extremely pleased to launch our new products at this event. We have always seen all major customers visiting EXCON and so it is beneficial for us in terms of showing our new machines and also displaying our brand strength in front of customers.

Mr Deepak Garg
Managing Director
Sany Heavy Industries India Pvt. Ltd.

At the 10th edition of EXCON, we have displayed 21 products. As we wanted to be a part of the entire value chain of concrete, we launched Slipform paver and Ajax is the first company to indigenously design and manufacture it in the country. Though there has been a 20-25% dip in the CE industry, the demand for CE has not reduced. The issue is of liquidity, which delays decision-making and the projects.

Mr Debasis Bhattacharya
Head - Sales, Marketing &
Product Support
Ajax Engineering Pvt. Ltd.

In comparison to the previous edition, the event is much larger in terms of participants and visitors. This time, maximum number of agriculture OEMs are visiting EXCON. Further, many magazines and articles are talking about down time, and I agree with them. As our 80% turnover comes from exports, the market scenario has impacted us as well. However, we are optimistic that the first quarter of 2020 will be much better than the last two quarters of 2018.

Mr Ashok P. Chhajer
Sr. Dy. Gen. Manager
(UE Sales)
Balkrishna Industries Ltd.
(BKT)

This seminar was followed by a session on Over Dimensional Cargo (ODC) and Infrastructure for Armed Forces, where the industry experts shared insights on efficient project cargo movement and emerging requirements, along with smart technology solutions in defence.

The speakers in this session included Mr Ayush Agarwal, Manufacturing and Supply Chain Center of Competence, McKinsey & Company and Ms Geeta Lakshmi, General Manager, Atlas Logistics Pvt. Ltd., among others.

Green Buildings And Factories

The session on green buildings and factories was held as a very significant part of the tenth edition of EXCON. It was organised by CII in partnership with IGBC on the 4th day of the event to include the sustainability component in the growth process. Several key aspects were discussed, including the benefits of green factory buildings such as energy efficiency, water savings, enhanced water quality, and so on.

The half day session included speakers such as Mr Manjunath, managing Director, KNND Associates and Mr Chintan Soni, CEO Ecolibrium Energy, among others.

The 10th edition of CII EXCON key highlights:
» 3,00,000 sq. m exhibition display area
» Participation from 21 countries including country pavilions from Germany, Italy, South Korea, China, Turkey and United Kingdom.
» 300+ product launches
» User Industry CEO’s Meet
» BIM and Digitalization Summit India 2019
Komatsu PC210-10M0, Nextgen Truly Efficient Excavator Launched By L&T

At EXCON 2019, the mega Construction Equipment Exhibition held at BIEC Ground in Bangalore, Larsen & Toubro launched the all-new Komatsu PC210LC-10M0 Hydraulic Excavator. This truly efficient machine is 20% more productive and 20% more fuel efficient vis-à-vis PC210LC-8M0. The new machine was launched jointly by Mr. Masaaki Kamizono, Managing Director, Komatsu India Pvt. Ltd. and Mr. Arvind K. Garg, Executive Vice-President & Head, L&T Construction & Mining Machinery in the presence of a large gathering of customers, financiers and dealers.

The PC210LC-10M0 excavator is developed specially for the Indian market, to perform in the most demanding work conditions and in a wide range of applications. The machine is manufactured by Komatsu India Pvt. Ltd. at its state-of-the-art plant in Oragadam-Chennai, marketed and supported by L&T through nationwide network of dealerships and service centers.

The new Komatsu PC210-10M0 has been configured to connect seamlessly with attachments such as Rock Breakers, Quick Coupler and Crusher Bucket. It is designed to deliver the right force and productivity at the most optimum fuel consumption across user segments. Komatsu PC210-10M0 comes in variants- Standard, LC, Quarry and Granite configurations.

The introduction of Komatsu PC210-10M0 by L&T will redefine performance and set new benchmarks of productivity and fuel consumption in the 20-Ton class Excavator segment. With this machine, Komatsu reaffirms its commitment to India with latest products, and L&T, through digitalization works to deliver superior value proposition to customers.

For more information, visit: www.komatsuindia.in

Scania India Displays BS IV CEV Ready Industrial Engine And Solutions

As a part of its long-standing commitment to India, Scania, Commercial Vehicles India Pvt Ltd. showcased its recently launched NTG Heavy Tipper, parts and service solutions along with BS IV CEV ready industrial engines, at EXCON 2019. The BS IV CEV ready industrial engines are acknowledged globally for reliability, efficiency and environmental performance.

Scania participated jointly with partners L&T, an association which strengthens the brand’s delivery service network across the country.

Tailor-made solutions that enhance customer profitability, has been the key focus for Scania and through the platform that EXCON provides, the company is reinforcing its position as a holistic solutions provider. With display of Scania’s genuine parts, driver coaching, fleet management service and Industrial and Recon engines, customers experienced the entire suite of solutions on offer.

Through its SAMPARK initiative, Scania introduced the NTG Heavy Tipper and solutions in 3 key mining hubs, Kareem Nagar in the South, Nagpur in Central and Singrauli in the North, piquing the interest of the mining community with its best-in-class features and offerings. With EXCON, the message is further conveyed to a relevant and targeted audience.

For more information, visit: www.scania.com
ACE Showcases The Best In Construction Equipment Industry

Action Construction Equipment (ACE), India’s leading material handling and construction equipment manufacturing company has continuously been one of the major exhibitors at the much coveted EXCON. ACE, already established as the No. 1 crane brand of India, unveiled its latest product range and shared their vision for the coming year at EXCON 2019, as it completes 25 years of lifting India’s growth in January 2020.

Taking forward from the phenomenal rise the company witnessed in FY 2018–19 and optimistic about the proactive policies of the current government, ACE aims to become an industry leader in the Construction Equipment sector by 2025. With the boost provided by a spate of infrastructure projects across the length and breadth of India, ACE seeks to capitalise on the growing opportunities with a broader portfolio of products and businesses. The company is also focused on enhancing operational efficiencies and contributing towards sustainability initiatives in the years ahead.

EXCON 2019, held in Bengaluru between 10th to 14th December, was based on the theme “Smart i-Tech–Next Gen India @75”, focusing on the important role played by smart technologies and innovation in the design required for manufacturing next generation construction equipment and machinery to support the rapid pace of infrastructure development in India. The event provided a real on-ground experience for ACE as the company represented and displayed the latest advancements in equipment for the construction sector. At the event, ACE launched its latest range of Foundation Equipment, the ACE-Sunward Rotary Piling Rigs and NextGen NX-series Cranes; including the NX360° full slew cum Pick ‘N’ Carry (15T) Crane and NXP-150 Pick ‘N’ Carry Crane cum aerial work platform (AWP), which is hydraulically operated from the top. The latest NextGen cranes are latest addition in ACE’s product portfolio with the unique distinction of having been manufactured completely in-house by the company. ACE has also filed a patent for the NX-series Cranes and expects them to be a game changer in the global pick-and-carry Crane segment.

ACE also unveiled its newly introduced higher capacity Truck Mounted Cranes TM450 and TM550. The recently launched All New AX 124 backhoe loader was also on display at the trade show. Targeting markets in the Middle East, South America and Africa, this heavy-duty machine comes with improved hydraulic pumps, and advanced structured loader arms to give higher breakout force while digging or loading materials from heaps or stockpiles, thereby enhancing productivity by 10–15 per cent. Other popular line of equipment including Motor Graders, Tower Cranes, Tandem Rollers, Forklifts, Crawler Cranes and Soil Compactors also had a prominent presence at the event.

EXCON 2019 turned out to be an excellent show for ACE as the company witnessed huge footfall, registered high number of customer inquiries and booked good number of orders in all product categories on display at the show.

For more information, visit: www.ace-cranes.com
Schwing Stetter Launches 22 New Products

Schwing Stetter India, country’s one of the leading concreting equipment manufacturers today unveiled 22 new products at EXCON 2019 in Bengaluru. With this new product line up, Schwing Stetter India aims to position itself as one of the most prominent infrastructure equipment partner in the country and an active participant across all Government projects to be announced.

Schwing Stetter India showcased Internet of Things (IoT) solutions of Schwing IoT In, Schwing IoT Ready, Schwing IoT abled, Schwing dashboard for batching plants, Schwing Stetter India gateway device, hi-tech weighing system, Schwing smartrack and Stetter concrete transit mixer with mobile app. These solutions are in line with the theme of EXCON 2019 being intelligent, interconnected, innovation, infrastructure and internet.

During the four-day event (December 10th-14th), a range of new products were launched, which are as follows.

1. Schwing concrete line pump SPL1420
2. Stetter concrete batching plant CP21
3. Stetter concrete batching plant M1 precast
4. Stetter self-loading concrete mixer SLM bee 2.0
5. Stetter self-propelled concrete mixer SPM4000
6. Stetter concrete recycling plant RA6
7. Schwing light mast
8. Gomaco concrete paver GP2600 with IDBI
9. Gomaco cylinder finisher SL450
10. Rubble master crusher RM 70GO 2.0
11. XCMG crawler crane XGC55 T
12. XCMG excavator XE230C
13. XCMG excavator XE380 C
14. XCMG motor grader GR1003
15. XCMG truck crane XCT50
16. XCMG truck crane XCT60
17. XCMG truck crane XCT80

Schwing Stetter India displayed these new products at EXCON 2019 along with existing product innovations SSI, XCMG, GOMACO, USA and Rubble master HMH GmBH products with a grand total of 46 products.

For more information, visit: www.schwingstetterindia.com

Trimble Showcases Next-Gen Solutions

Trimble, a leading innovator of hardware and software solutions for civil engineering and construction sector, showcased a forward-thinking continuum of solutions and services at the recently held EXCON 2019. The company displayed a holistic range of solutions and services for every phase of a linear infrastructure project.

Earthworks Solutions: Trimble offers a complete line of grade control systems from laser or sonic-based through to 3D. These rugged systems are easy to use, fully upgradeable and flexible enough to meet a wide range of application and jobsite requirements.

Paving Solutions: Trimble offers productive, integrated and innovative solutions for the complete paving job site to keep the contractor on track throughout the project lifecycle. From milling to paving to compaction, Trimble solutions for paving can help contractors ensure quality, reduce expensive material usage, and pave to the tight accuracies required by today’s government agencies.

Connected Site: Trimble Connected Site Solution allows contractors to create 3D construction models, perform data preparations and takeoff, wirelessly sync data, monitor site productivity, and manage fleets and assets.

Trimble LOADRITE Payload Management: Trimble LOADRITE onboard weighing systems ensure optimal loading to maximise every truck haul to get the job done quicker. The system has the ability to accurately measure the weight of each bucket and calculate the total weight loaded onto each truck.

For more information, visit: www.trimble.com
CASE India Becomes A Full Liner With Launch Of CX220C Excavator

CASE Construction Equipment, a brand of CNH Industrial, unveiled the long-awaited Crawler Excavator CX220C to its product portfolio at the 10th edition of the International Construction Equipment and Construction Technology Trade Fair - CII EXCON 2019. This globally renowned excavator will now be manufactured at the brand’s plant in Pithampur and available in the Indian market from April 2020.

The CASE CX220C is specially designed for tough applications. The machine is equipped with a powerful and reliable FPT Industrial engine to ensure high productivity with low fuel consumption, and is highly suitable for stone quarry, road works, general construction and earthwork. The CX220C Excavator has an operating weight of 22 tons and is equipped with a FPT 6-cylinder fuel-efficient electronically controlled engine. The new generation FPT engine is developed by CASE sister brand FPT Industrial. Additionally, the excavator comes with five energy saving controls and ECO.

With the launch of this new product, the brand has become a full liner in India, further strengthening its leading position in the country’s construction industry. In addition to excavators, CASE India is also displaying its complete line-up of vibratory compactors, backhoe loaders, crawler dozers, motor graders and skid steer loaders. This wide range of equipment illustrates the brand’s ability to cater to activities as diverse and urban construction, road building, infrastructure, mining and agriculture.

To fulfill business queries on site at EXCON, CASE’s commercial, product support and its financial services business CNHi Capital were available to demonstrate and provide information on the brand’s portfolio of business solutions, financing packages, extended warranties, maintenance programme, total cost of ownership and after sales service.

For more information, visit: www.casece.com

Doosan Bobcat India Launches Volvo Penta Powered Air Compressors

Doosan Bobcat India has chosen Volvo Penta engines to power two of its new air compressor models, both being launched at EXCON 2019, the largest construction equipment tradeshow in South Asia.

A 13-litre, 536 hp Volvo Penta D13 diesel engine is providing power to Doosan Bobcat India’s new PA536 air compressor, and an 8 litre, 320 hp Volvo Penta D8 diesel engine has been installed in its SHP750 air compressor.

Extensive Field-Tests

Volvo Penta and Doosan Bobcat India began development on both models in 2016, following thousands of hours of operation in field-tests and in different ground conditions. The lengthy research by Doosan Bobcat and Volvo teams helped fine tune a very effective and cost-effective package for intermediate and high depth drilling.

“The field-tests demonstrated that customers will benefit from the use of Doosan’s efficient air ends and cooling system, compact packaging for plug and play mounting. We have also extended service intervals and consumable renewals, which mean lower maintenance costs and higher uptime. The programmed electronic controller 8 ensures that there is no manual interference in the compressor operation, making this a strong value proposition to the customer,” says B S Srinivas, Director of Portable Power at Doosan Bobcat India.

For more information, visit: www.bobcat.com or www.volvopenta.com
Putzmeister and Sany Concrete Solutions Delight Customers

Putzmeister and Sany Concrete Solutions delighted customers and visitors at EXCON 2019 with an expanded product range, live demos and the iconic Elephant Nights. They recently announced that the concrete sales and service teams were being brought together to offer customers an expanded and complimentary range of products, a wider service and spares network and one face for both brands. This was the first major event where customers got to witness this in action. The move was well received by everyone.

Product Launches

Three new products were introduced to customers at the stall:

**Batching Plant MT 0.35:** With an output capacity of 20 m³/hr, this Putzmeister/Sany Batching Plant will cater a customer segment not addressed by either brand in the past. Designed and produced at the Putzmeister factory in Goa, the compact plant brings the answer to current and future customer requirements.

The Putzmeister/Sany batching portfolio offers the customers best features and specifications. Customers now have a wide range of mixing options with output capacities of 20 m³/hr, 30 m³/hr, 60 m³/hr, 90 m³/hr and 120 m³/hr.

**Sany SYG5180THB300C-8:** Sany expanded its Truck Mounted Concrete Pump product range with the introduction of SYG5180THB300C-8. This is the only 4 arm boom pumps in India offering a reach of 30 meters on a 2 axle truck.

**Putzmeister BSF 47 - 5:** Putzmeister introduced a new 47 m state of the art Truck Mounted Boom Pump – BSF 47 – 5, including the latest tech features Putzmeister has to offer. The 47-5 is the biggest on the road in India and requires only a 4 axle truck.

Live Demos

Putzmeister also rolled out advanced fleet management capabilities with Putzmeister Machine Cockpit to its range of concrete pumps. Customers were given a live demo of its various features including real time information on the status of pumps at the jobsite, critical status alerts, remote diagnosis capability to identify faults and implement appropriate measures, key figures for delivery rate, machine use and fuel consumption, alerts when machines are on the move and reminders for maintenance.

Gulf PM Premium Grease

Putzmeister introduced the new Gulf PM Premium Grease. Developed in partnership with Gulf Oil, this exclusively co-branded blue grease will help power Putzmeister Automatic Greasing Systems in its range of concrete pumps.

For more information, visit: www.putzmeister.com
Caterpillar Expands Its Product Portfolio To Help Build A Better India

Caterpillar, the global heavy equipment manufacturer, announced the launch of its new products for the Indian region at EXCON 2019. The new Cat 120 Motor Grader was displayed alongside Caterpillar’s existing range of products at the prestigious show held in Bengaluru. Other products showcased at the exhibition included excavators, wheel loaders, backhoe loaders, skid steer loaders, off-highway trucks and generator sets. The company is committed to delivering quality and service to encourage brand loyalty among its customers.

The Next Gen Cat 120 Motor Grader is engineered with customer preferences in mind and offers the ability to tailor the machine to required applications. Building on the top-selling Cat 120K2 Motor Grader, the new Next Gen Cat 120 Motor Grader advances performance and lowers costs.

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<th>New Next Gen Cat® 120 Motor Grader’s Key Specifications</th>
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<tr>
<td>Engine</td>
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<td>Net power, max., hp (kW)</td>
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<td>Weight, tandem drive, lever lb. (kg)</td>
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Caterpillar believes it is uniquely positioned to partner in India’s growth story – especially the ‘Make in India’ initiative – with its wide range of equipment manufactured in India for India and the global market, state-of-the-art technological solutions, and unrivalled global experience in project implementation.

Also, on display at EXCON 2019 was the Cat® 216B3 Skid Steer Loader. The B3 series models are proven Caterpillar designs that have earned immense reputation for quality, low owning and operating costs, and performance worldwide. The machine’s wide range of work tools/attachments include multipurpose buckets, pallet forks, utility brooms (sweepers), augers, brush cutters and hammers, among others, making it the ideal worksite solution for a variety of applications.

Hyundai CE India Launches Five New Excavators And Forklift Range

Hyundai Construction Equipment (HCE) India Pvt. Ltd. launched five new excavators and a range of forklift at Excon 2019. The newly launched equipment will cater to the emerging demands of the customers.

Details of the New Launches are as follows:

**HX360L:** This is HCE India’s next generation offering in the premium excavator segment, targeted at the mining and quarrying segment.

**HX220L:** Another new offering in the Premium segment, HX 220 has heavy duty structure as well as best in operator comfort and cabin ergonomics.

**R30Z-9AK:** This is Hyundai’s second offering in the mini excavator segment. This 3 ton excavator has been launched to address the needs in agriculture, general construction, among other areas.

**130 SMART:** This product upgrade from HCE India comes with improved fuel efficiency and enhanced Operator comfort.

**85A SMART:** This is a product upgrade by Hyundai, which boasts of higher productivity, reliability and advanced aesthetics.

**25/30/35B-7A equipped with Li-ION Battery:** This series of forklift ranges from 2.5T to 3.5T capacity with lift height of up to 6 m.

These new launches are set to revolutionize the excavator and material handling segments and create benchmarks in the industry.
Cummins India Builds On 100 Years Of Innovation

As part of Cummins’ centenary, visitors at EXCON celebrated 100 years of technology, with a display of the company’s wide array of products for the construction segment in India. Cummins India showcased QSF4.5 Bharat Stage IV CEV and the QSB6.7 Bharat Stage IV CEV engines catering to the Off-Highway segment at the show.

Cummins QSF4.5 Bharat Stage IV CEV engine is available from 121–173 hp. They come with more power and torque, are less complex and easier to install, and require less servicing. Also featured was the QSB6.7 Bharat Stage IV CEV engine power unit available from 173–260 hp. Cummins QSB6.7 is the new generation 6-cylinder engine providing optimum performance for India duty cycle requirement.

Emission Technology experts Cummins also showcased their SCR after treatment systems - Single Module™ and Flex Module™. Both the after treatment systems minimise proliferation and reduce downtime.

The wide array of power solutions showcased also featured the Cummins® X3.6 series rugged engine and world class Stamford alternator powered diesel generator set (40kVa) with advanced in-cylinder technology to meet latest emission norms without any after-treatment device.

Cummins offers a full range diesel generator from 7.5 kVA up to 3,750 kVA to cater to the demanding applications in infrastructure segment capable to operate in extreme environment. In addition to generators, offering beyond products and true to our commitment to innovate to power our customers success, at EXCON 2019, Cummins introduced the PowerCommandCloud™ an integrated Cloud based system that allows our customers to remotely monitor, manage and maintain Cummins power generation unit in a smart and efficient manner anytime, anywhere.

For more information, visit: www.cumminsindia.com

Atlas Copco Unveils Next Generation Portable Air Compressors

With continued focus to power the future with innovative technology, Atlas Copco sets new benchmarks in the portable air compressor segment, with the launch of four forward thinking compressors and extended light tower range at EXCON 2019.

The XRH 1100 PLUS is a product tailor-made for specialised applications like water well drilling, foundation drilling, coal mining and blast-hole drilling.

The XAWS 550 PACE enables the customers to pick the pressure with the PACE technology. Pressure Adjusted through Cognitive Electronics (PACE) is a first of its kind technology in the portable air compressor segment where pressure can be set with the XC2003 digital controller in 3 simple steps.

The XAV216 PLUS is portable air compressor with four variants in its class is the new technology driver in the 450 – 600 cfm range of compressors to cover a wide range of applications.

The XA187PLUS portable air compressor is an upgraded version of the current XA187 model.

With the launch of the HiLight V4+ LED light tower, the light range now extends from 250 W to 350 W. While the HiLight V5+ can illuminate an area of approximately 5,000 sq. m, the HiLight V4+ covers an area of 4000 sq. m with an average brightness of 20 lux.

For more information, visit: www.atlascopco.com
KOBELCO Showcases Several Popular Models

The flagship event of the CE industry, EXCON 2019, was a well-attended show. Exhibitors and visitors showed good enthusiasm despite the ongoing slowdown, and the footfall was indicative of the overall positive market sentiment.

At the event, KOBELCO showcased several popular models, ranging from the 3T Mini Excavator to the 80T Mining powerhouse, the SK850LC along with several special attachments like the SK350DLC Demolition machine, the new ‘Top’ model of Okada Rock Breaker, and the Powerlatch Quick Couplers from Miller UK. Multiple options for the Mini Excavator were also displayed which could make it a highly versatile piece of equipment.

KOBELCO utilised this special occasion to acknowledge its special relationship with some key customers like KNR Constructions Ltd., M/s. Sushee Hi-Tech, M/s. Urmilla and M/s. GKR Infracon.

Moreover, KOBELCO dealers from all over the country along with dealers from Nepal and Bangladesh were present in strength at the company stall to welcome customers and visitors. The stall was very innovatively designed and was highly appreciated. The branding and machine display were attractive. Also, demo for the Quick Couplers was witnessed and lauded by many throughout the event. KOBELCO’s focus was on our new focus areas – ‘Your Solutions Provider’ and ‘Higher, Longer, Deeper’.

For more information, visit: www.kobelco-in.com

Shell Lubricants India Showcases Future Ready Solutions

Shell Lubricants, the global market leader in finished lubricants showcased its flagship products and key services at the 10th edition of EXCON India 2019.

The lubricants major presented many of its flagship products in its Tellus, Rimula, Spirax and Gadus ranges including a special showcase of its premium energy efficient lubricants, namely the Shell Tellus S4, Rimula R5, Spirax S6, and Gadus S3.

The Shell booth was inaugurated by Mr. V. G. Sakthi Kumar, Managing Director, Schwing Stetter India Private Limited, who also lauded the company’s pioneering work in the construction equipment and technology industry.

EXCON 2019 also witnessed an array of innovative services offered by various participants, with Shell’s newly launched range of B2B services drawing attention from visitors. The B2B services on display by Shell included Machine Max, Lubricants Management Programme and LubeMaster. These were also accompanied by a display and live demonstration of Shell LubeVideoCheck, a non-invasive imaging technology capable of performing component analysis which would normally only be achieved by dismantling machinery; and Shell Lube Analyst Lite, which helps construction companies avail real-time, on-site analysis and reporting.

The lubricants major also announced that it will soon launch the Shell Tellus S4 VE, a new Gas-to-Liquid based energy efficient hydraulic oil which offers up to 6 per cent productivity improvement, up to 21 per cent less energy loss from hydraulic pumps and up to 5 per cent efficiency improvement.

For more information, visit: www.shell.in
Columbia Machine Engineering (India) Pvt. Ltd.

Liebherr-International Deutschland GmbH

Terex India Private Limited

SANY Heavy Industry India Pvt Ltd

Masa Concrete Plants India Private Limited

Etrack Crushers Pvt. Ltd.

Balkrishna Industries Limited

Hyundai Construction Equipment India Private Limited
Marsman India Limited

Larsen & Toubro, Komatsu India Pvt. Ltd. and Scania Commercial Vehicles India Pvt Ltd.

Sicoma Mixers India Private Limited

CDE Asia Limited

SDLG India

Vollert India Pvt. Ltd.

Bonfiglioli Transmissions Pvt. Ltd

Apollo Tyres Ltd.