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Another milestone crossed - 5000th L&T-Komatsu PC200-6 Hydraulic Excavator delivered

arsen & Toubro Limited (L&T), which offers a wide range of construction, earthmoving, road building and mining equipment, achieved yet another important milestone when its Construction & Mining Equipment Business Unit delivered the **5000th L&T-Komatsu Hydraulic Excavator Model PC200-6** at Bangalore on December 28, 2007.

The keys of the 5000th machine were formally handed over to Mr.Rajeev Sinha, General Manager (Mechanical), Sadbhav Engineering Limited, Ahmedabad at a function organised at L&T-Komatsu's Works.



Mr. Rajeev Sinha (right) receiving the symbolic key from Mr. S.K. Mittra, Vice President, Construction & Mining Equipment Business Unit, L&T



Group photograph shows Mr. Rajeev Sinha (10th from right) along with L&T and L&T-Komatsu personnel

Sadbhav Engineering Limited, Ahmedabad is one of India's leading construction companies and is a fleet owner of L&T-Komatsu and Komatsu machines. Sadbhav Engineering Limited was incorporated on October 3, 1988 as a Private company in the State of Gujarat, by Shri Vishnubhai M. Patel.

Since its inception, Mr. Vishnubhai Patel has led the team at Sadbhav Engineering Limited from the front and successfully steered its operations. Under his dynamic leadership, various canal works for one of the largest irrigation projects in the world viz. Sardar Sarovar Narmada Project, were successfully completed. The company is also involved in Construction of Roads and Highways, Irrigation and Mining.

L&T introduced Model L&T-Komatsu PC200-6 to the Indian market in January 1999, consequent to the formation of the joint venture, L&T-Komatsu Limited, between L&T and Komatsu Asia & Pacific Pte Ltd. L&T markets and provides after sales support for the products manufactured by L&T-Komatsu Limited and other Komatsu plants worldwide. L&T-Komatsu PC200-6 is the state-of-the-art hydraulic excavator and is the first model brought out by the joint venture. This model has virtually revolutionised the market over the years with its host of powerful and convenient features that make it the most versatile and popular machine in its class for a wide range of construction and earthmoving applications. It has a proven track record for high productivity, quality and reliability and high returns on capital employed through sustained performance.

Delivery of the 5000th machine in a record period of just 6 months after the 4000th machine was delivered in June 2007, reinforces the popularity of PC200-6 in the Indian market in the 20 tonne weight class.

Other models brought out by the joint venture are PC71, PC130-7 and PC300LC-7, the population of which is also growing rapidly.

The manufacturing facility in Bangalore has ISO 9001 accreditation for design, manufacture and service, and ISO 14001 certification for Environment Management System.

2nd East Himalayan Expo

India Trade Promotion Organisation (ITPO) organized the 2nd East Himalayan Expo at Siliguri's Indira Maidan from 25th to 31st December 2007 in association with Federation of Chamber of Commerce and Industry in North Bengal. The fair showcased products and services from sectors like capital goods, consumer items and service providers.

L&T and its dealer M/s. Tripti Engineering Services (P) Limited jointly participated in the trade fair by putting up a stall and promoting sale of hydraulic excavator in the burgeoning regions of North Bengal, Sikkim and local Siliguri market.

The star attraction in L&T's stall was the 'Little Giant' – L&T-Komatsu Hydraulic Excavator Model PC71 which was on display. Live demonstration generated awareness and brand positioning of the machine among prospective buyers. The spare parts and service capabilities exhibited by the full-fledged local outlet of M/s. Tripti Engineering offered much needed assurances in the minds of our customers in the after-sales support front.



L&T-Komatsu PC71 on display

L&T launches Scania Tipper Truck



 $\it Mr.$ J.P. Nayak, President (MIPD) & Wholetime Director, L&T addressing the invitees after unveiling the Scania Tipper Truck

arsen & Toubro Limited (L&T), India's leading technology, engineering and construction company, achieved a new milestone when its Construction & Mining Equipment Business Unit (CMB) launched the SCANIA P380 CB 8x4 Multi-Axle Tipper Truck at EXCON 2007 held at Bangalore International Exhibition Centre between 14th & 18th November 2007.

The P380 Multi-Axle Tipper Truck which is one of the high performing trucks from the range of heavy duty trucks manufactured by SCANIA, the Swedish heavy vehicle major, for the construction & mining sectors globally, has a host of powerful & convenient features that makes it the most versatile truck in its class, for a wide range of applications.

The SCANIA P380 is designed and built to haul 18m³ of material in various demanding terrains. The P380 is powered by a robust 12 litre engine meeting Euro 3 norms generating 380 HP @ 1900 rpm. The engine is characterised by a wide, flat torque curve of 1900 Nm, which allows the drivers to maintain good journey times



Mr. Klas Dahlberg, Vice-President, Scania, breaking a coconut in front of the truck.

without the need for constant gear changing, acting as a catalyst in improving fuel economy.

The low-mounted short P cab of SCANIA takes advantage of its compact exterior to allow full-length bodywork and maximal loads. Equipped with a dirt resistant upholstery, fully adjustable steering wheel, an air suspended driver's seat & air conditioning helps in creating a comfortable driver environment. SCANIA cabs, approved according to the stringent Swedish safety standard, provide better visibility from the driver's seat and easy reach to all instruments & controls.

The gearbox and rear axle gears consist of 12+2-speed range-splitter gearbox and heavy-duty tandem bogies with hub reduction. The combination of Scania engine and the gearbox offer high-torque power take off options that provide easily controllable stable running.

The braking system along with the function of the foot operated exhaust brake & ABS (Anti-Lock Braking System) results in enhanced driver comfort & higher safety.



Mr. V. Prabhakar Reddy, who placed orders for the first lot of Scania Tippers, being greeted by Mr. J.P. Nayak.



Mr. S. Raghavan, Executive Vice-President, Machinery Sector, L&T handing over a bouquet to Mr. V. Prabhakar Reddy



(L to R) Mr. S. Raghavan, Executive Vice-President, Machinery Sector, L&T; Mr. J.P. Nayak, President (MIPD), L&T; Mr. Klas Dalhberg, Vice-President, Scania and Mr. Mikael Kyander, Sales Director, Scania, at the Press Meet.

The Construction & Mining Equipment Business Unit of Larsen & Toubro Limited, which is headquartered in Bangalore, markets the products manufactured by L&T-Komatsu & Komatsu. This relationship with SCANIA, will further strengthen L&T's strong presence in the construction & mining sector. L&T's offerings to these sectors include a broad range of Hydraulic Excavators, Dozers, Motor Graders, Dump Trucks, Wheel Loaders, Surface Miners, Mobile Crushers & Road Millers. L&T is a USD 5 billion technology, engineering and construction company with global operations. It is one of the largest and most respected companies in India's private sector.

A strong, customer-focussed approach and the constant quest for top-class quality have enabled L&T to attain and sustain leadership in its major lines of business across seven decades.

SCANIA a global company with headquarters based in Sweden, established in 1891, has a turnover of 7.8 billion Euros & achieved sales of 65,000 vehicles in 2006. SCANIA is one of the world's leading manufacturers of heavy trucks, buses and industrial & marine engines. A growing proportion of the company's operations consist of products and services in the financial and service sectors, assuring Scania customers of cost-effective transport solutions and maximum uptime. SCANIA's network consists of more than 1000 sales outlets and 1600 service workshops across the entire world. SCANIA vehicles are in operation in more than 100 countries in Europe, Latin America, Asia, Africa & Australia. Heavy trucks account for 59 percent of SCANIA's sales.

A Training Initiative – Driver School at SCCL: OCP-IV



A side view of the fully loaded Scania P380 at SCCL's Medapally OCP IV

The Singareni Collieries & Company Limited (SCCL) at its Medapally Open Cast Project IV (OCP IV) witnessed Scania P380 operating for the first time in India. A demo - P380 Multi Axle Tipper gave demonstration trials at the Medapally site where an excavation contract is operated by M/s. V Prabhakar Reddy & Company.



Mr. Mark Dodd, Scania Driver Trainer (3 $^{\rm rd}$ from left) with drivers

The typical demonstration trial involved a productivity and fuel consumption study while loading overburden sandstone with a lead length of approximately 5 Kms. The trial involved over 6 hours of working during the day and required around 15 trips. The total distance traversed by the truck each day was approximately 150 Kms.



The Scania P380 sets off on the haul road with its load of overburden sandstone

Simultaneously, L&T's Product Support Department (Training Cell) had organized a driver training school on the Scania P380 Multi Axle Tipper. Scania had their expert driver trainer Mr. Mark Dodd on the site to participate in the process of training customers' drivers to operate the Scania tipper at peak capacity with the least fuel consumption. Mr. Mark Dodd drove the tipper initially to set a benchmark of the training school, which was very well appreciated. The enthusiasm and interest shown by all participants was to be seen to be believed. Each day brought in a modicum of improvement and very soon all the drivers would be able to surpass the benchmark set by Mr. Mark Dodd.

L&T-CMB's training team is engaging driver demonstrators and driver trainers who will familiarize customer operators at different sites and make them highly skilled emissaries of Scania equipment.

This initiative of the training team by coming out with a school to prolong critical component life, reduce fuel consumption and ensure optimum operation of Scania tipper trucks will enhance tipper performance. The training team is on the way to demonstrate many such initiatives to obtain customer delight!!



Mr. Ake Flodqvist, Scania Service (4th from left) & Mr. Mark Dodd, Scania Driver Trainer (7th from left) flanked by L&T Team and participants

All ideas are already in the brain, just as all statues are in the marble. -Carlo Dossi, author and diplomat (1849-1910)

EXCON

he 4th Construction Equipment and Construction Technology Trade Fair was organized by the Confederation of Indian Industry (CII) at Bangalore International Exhibition Centre (BIEC) from 14th to 18th November 2007. EXCON 2007 was co-sponsored by Indian Earthmoving & Construction Industry Association Limited (IECIAL), who not only played a major role in ensuring success of the Trade Fair but organized the International Conference on Construction Equipment Industry which was held concurrently at BIEC from 15th to 17th November 2007.



Mr. Praveen Thacker of M/s. Rita Thacker, Barbil, receiving the symbolic key from Mr. J.P. Nayak, President (MIPD), L&T. Mr. S. Raghavan, Executive Vice-President, Machinery Sector, L&T, is on the left side.

All major manufacturers and distributors of Construction Equipment participated by putting up stalls and displaying their equipment. During the above period all roads in Bangalore literally led to BIEC on Tumkur Road where the Trade Fair was being held. The distance of 20 Kms from the city and traffic jams did not deter visitors, who thronged the Fair to have a glimpse of the large variety of construction equipment on display.



Mr. Sharan D. Bandi of M/s. D.Y. Uppar & Co., receiving a bouquet from Mr. J.P. Nayak. Also seen on the left are Mr. A.K. Garg and Mr. R. Ramani, L&T.



Mr. J.P. Nayak, President (MIPD), L&T, handing over a bouquet to Mr. Nilesh Upadhyay of M/s. Shyamnarayan & Bros. Mr. S. Raghavan and other L&T personnel are also seen.

EXCON 2007 has turned out to be the most successful event held so far at BIEC, which is a new location for exhibitions/trade fairs in Bangalore.

The months preceding the event were hectic, with the steering committee comprising the manufacturers, distributors and CII personnel working together as a team, to ensure the success of the event. L&T's Construction & Mining Equipment Business Unit played a very significant role in organizing the Trade Fair as well as the International Conference.



Mr. J.P. Nayak handing over the symbolic key to Mr. B.K. Chakraborty, Vice-President (Plant), M/s. Patel Engineering Ltd. Mr. S. Raghavan is on the left.

L&T put up 2 outdoor stalls – one for L&T, Komatsu & Scania products and another for L&T-CASE products. In addition, 3 indoor stalls were also put up – one each for TENGL (Tractor Engineers Limited), L&T-Finance Limited and Poclain Hydraulics.

On display in L&T and Komatsu stall were L&T-Komatsu Hydraulic Excavator Models PC71, PC130-7, PC200-6 & PC300LC-7, L&T 72 & L&T 90-3; Komatsu

2007



 (R-L) Mr. Bose Babu, General Manager (Projects) and Mr. C.S.R.K. Prasad, General Manager (Plant & Machinery),
 M/s. Prasad & Co. (Project Works) Ltd., receiving the symbolic key from Mr. S. Raghavan

Hydraulic Excavator Model PC400LCSE-7, Wheel Loader WA380-3, Dozer D65E-12 and Motor Grader GD511A-1. In addition, attachments such as Rock Breaker, Buckets and long reach arm were on display. Spare Parts such as, filter kits, seal kits, tooth points, hoses, etc. were also displayed along with cut away sections of various components. Photographic displays of various other products were also put up at the stall.

The unique design of the stall drew a lot of appreciation as it was eye catching. The Conference Rooms were in



Mr. S.K. Mittra, Vice-President, Construction & Mining Equipment Business Unit, L&T, handing over a bouquet to Mr. B.V. Raisinghani, Joint President (Purchase), M/s. Jaiprakash Associates Ltd.

the shape of Excavator Buckets – jelling perfectly with the equipment on display. No wonder that most press reports carried pictures of our stall.

Scania tipper truck model P380 was formally launched at the Exhibition on 14th November 2007 when Mr J. P. Nayak, President (MIPD) and Whole Time Director, L&T unveiled the truck in the presence of an august gathering, which included senior officials from Scania, Sweden. This was followed by the traditional breaking of coconuts and honouring of one of L&T's very important and esteemed customers and leading fleet owners, Mr V. Prabhakar Reddy, who has placed orders for the first lot of Scania tippers.

The various sessions conducted during the **3-day International Conference on Construction Equipment Industry** covered the following:

 Construction & Equipment Industry & Users' perspectives



Mr. Kailash Kamathe of M/s. Kailash Kamathe, Pune receiving a bouquet from Mr. S. Ueno, Managing Director, M/s. Komatsu India Put. Ltd. Also seen is Mr. A.K. Garg, Jt. Gen. Manager, Construction Equipment Business, L&T, on the left side.

- Opportunities & Challenges in Construction
 Equipment Industry
- Awareness of Cost Effective Solutions in Tipper Application in Mining & Construction Industry
- Applications in Construction Jobs
- Infrastructure Finance & Leasing
- Fiscal & Development Initiatives



Mr. R. Subramanian, General Manager (Mines), M/s. V.M. Salgaocar & Bros. Pvt. Ltd., receiving a bouquet from Mr. S.K. Mittra, L&T.



Mr. Sohan Singh of M/s. A.N. Earthmovers, receiving a bouquet from Mr. S.K. Mittra, L&T. Mr. Gurmeet Singh and Mr. Hardayal Singh are seen on the left.



Mr. S. Elred Kumar of M/s. R.S. Enterprises, receiving a bouquet from Mr. S.K. Mittra, L&T. Mr. V. Jagannathan of M/s. R.S. Enterprises is on the left.



Mr. Rakesh Deshpande, M/s. Geotech Engineers, Kolhapur, receiving the symbolic key from Mr. S.R. Subramanian, Chief Executive, L&T-Komatsu Limited.



Mr. Vishnu Surekha, M/s. Prakash Roadlines, Kolkata, receiving a bouquet from Mr. Dipankar Banerjee, Head, Mining Equipment Business, L&T. Also seen are Mr. A.K. Garg & Mr. A.K. Sharma, L&T.



Mr. K.R. Appavoo of M/s. Omega Road Transports, receiving a bouquet from Mr. A.K. Garg, L&T. Also seen is Mr. Subramanian of M/s. Eagle Earthmovers

Sc

- Environment & Emission Regulatory Issues
- Human Resources

The Fair was inaugurated by the Governor of Karnataka H.E. Rameshwar Thakur during the forenoon of 14th

November 2007. This was followed by a CEO's session in the afternoon, in which the report specially prepared by McKinsey & Company on 'The Construction Industry in India' were deliberated. Captains of the Construction Industry took active part in the discussion and shared their perspectives.



Mr. Som Sethi, Chairman and Mr. Manjeet Chawla, Director respectively of M/s. S.S. & Company, receiving the symbolic key from Mr. S. Chatterjee, L&T. Also seen is Mr. A.K. Garg, L&T, on the left.



A view of L&T and Komatsu stall

Mr. A M Naik visits L&T-Komatsu Limited



Mr. S.R. Subramanian, Chief Executive, L&T-Komatsu Limited alongwith Mr. S. Raghavan, Executive Vice-President, Machinery Sector, L&T, welcoming Mr. A.M. Naik, Chairman & Managing Director, L&T. Also seen is Mr. A.K. Garg, Joint Gen. Manager, Construction Equipment Business, L&T.

Mr. A.M. Naik, Chairman and Managing Director, L&T and Mr. J.P. Nayak, President (MIPD), L&T visited L&T-Komatsu Limited (LTK) on 30th November 2007. During the visit Mr. Naik lauded the progress made by LTK in enhancing the scale and speed in manufacture of Hydraulic Excavators. Mr. Naik emphasised the need to accelerate the scale up operations and move on aggressively.

This occasion marked a milestone in the journey LTK has embarked upon to establish market leadership in the Construction Equipment Business. A combination Moving Line Assembly was formally inaugurated by Mr. S. Raghavan, Executive Vice-President, Machinery Sector, L&T. This assembly line has been put up in a record time of 4 months to roll out both PC71 and PC130 models of excavators. With the introduction of this new Moving Line Assembly for PC71 and PC130



 Mr. S Raghavan, Executive Vice-President, Machinery Sector, L&T, in the presence of Mr. A.M. Naik, Chairman & Managing Director, L&T, Mr. J.P. Nayak, President (MIPD) & Wholetime Director, L&T and Mr. S. R. Subramaniam, Chief Executive, L&T-Komatsu Limited, cutting the ribbon to mark the inauguration of PC71 / PC130 moving line assembly.



View of the PC71/PC130 moving line assembly

models, LTK is well equipped to meet the projected market demand for excavators in the 7 Ton and 12 Ton segments as well.

TSI Award

Mr. A.S.L. Xavier, L&T, Goa, has been selected by Komatsu Asia & Pacific Pte. Ltd. for 'Most Improved TSI' among all distributors in Asia. A function was organized at L&T's Office in Bangalore when the award was handed over to him by Mr. Hiromi Higashiyanagi, General Manager (Service), Komatsu India Pvt. Ltd. in the presence of Mr. S. Raghavan, Executive Vice-President, Machinery Sector, L&T and Mr. S.K. Mittra, Vice-President, Construction & Mining Equipment Business Unit, L&T.

L&T Earthmover News congratulates Mr. Xavier for winning this coveted award.



(L-R) Mr. Hiromi Higashiyanagi, Mr. A.S.L. Xavier, Mr. S. Raghavan and Mr. S.K. Mittra

Customer Meet at Barhi

&T's Team East organized a customer meet at The Yadav Dharmashala, Barhi on December 5, 2007 to showcase its product profile and after sales support capabilities of its Construction Equipment Business (CEB).

L&T, a consistent and established leader in the excavator market with its state-of-the-art L&T-Komatsu product range and world class after-sales support is today the most preferred brand nation-wide. In the states of Bihar and Jharkhand, the company's market share has grown overwhelmingly. The large gathering of machine owners, contractors and operators present in a glittering function was greeted by Mr. Partha Mookherjee, Zonal Manager-CEB-East and was addressed by other personnel from the company's Jamshedpur and Ranchi offices. They



highlighted L&T's commitment towards total customer satisfaction and fostered its motto 'In Service Lies Success'.

L&T has an extensive network of offices, stores, depots and outlets in the states of Bihar and Jharkhand namely in Jamshedpur, Ranchi, Dhanbad, Barhi and Patna to reach customers at their doorsteps. On behalf of entrepreneurs already using L&T-Komatsu equipment, the participants lauded L&T for providing highly reliable, productive and fuel efficient machines and offering unmatched and timely after sales support. L&T thanked everyone for their gracious presence and expressed gratitude for their patronage. The meet also generated a number of future prospects for machines in various areas in the States of Jharkhand and Bihar.



Customer meet at Guwahati

The seven states of North East India have a vast customer base of L&T's Construction Equipment Business. With a large population of machines, L&T's customer base expands from the Indo-China border in Arunachal Pradesh to remote areas in Meghalaya-Bangladesh border. L&T is the established market leader in the North East. The road sector, rail links,



power and infrastructural development in the region have ushered in many prospects and opportunities. L&T's Team East organized a customer meet at Guwahati on 5th October 2007 to showcase its comprehensive product range and after sales support capabilities. The meet was attended by a large number of machine owners, contractors and operating personnel.



Customer Meet at Jeypore



As part of the endeavor to keep in close touch with customers, L&T's Team East organized a customer meet at Hotel Hello Jeypore on November 22, 2007. The meet also helped to showcase the product profile and after sales support capabilities of L&T's Construction Equipment Business (CEB).

L&T has been a consistent and established leader in the excavator market with its state of the art L&T-Komatsu product range and world class after-sales support. It is today the most preferred brand, nation-wide. In Orissa, L&T enjoys an overwhelming market share and the company is intensely focusing on reaching out to all parts of the state, to offer its products. The large



gathering of entrepreneurs which was present at the evening function was welcomed by Mr. Partha Mookherjee, Zonal Manager – CEB-East. Personnel from the company's Bhubaneswar Office addressed the gathering. The presentations highlighted L&T's commitment towards total customer satisfaction. On behalf of the entrepreneurs already using L&T-Komatsu equipment, an eminent personality, Mr. Ishwar Chandra Panigrahi, lauded L&T for providing highly reliable, productive and fuel efficient machines and offering unmatched and timely after sales support. L&T thanked the entrepreneurs and other participants for attending the meet.

Operation and Maintenance Programme at Siliguri

&T's team from Construction Equipment Business alongwith its Dealer M/s. Tripti Engineering Services conducted a training programme for Operators & Mechanics at Siliguri on 12th December, 2007.

The programme was aimed at imparting technical know-how on proper maintenance, operation and upkeep of PC200-6 and PC71 machines working in North Bengal and Sikkim. There were a large number of participants from Siliguri, Singtham and even from North East. The session was interactive, thanks to the active involvement of all the participants.



Dealer's new office at Kota

A bhinav Industrial Products (AIP) recently shifted to their new premises at House No 2- KHA-6, Vigyan Nagar, Kota situated on the main road from Ramganjmandi to Kota. Being on the main road leading to the mining belt, the new office is easily accessible to all customers.

AIP has been L&T's dealer for Construction Equipment since 1999 and is very active and forward looking. With two branches in Kota and Jaipur, AIP is able to provide high quality and speedy service to customers.

Several important customers, including Devi Enterprises, Associated Stone Industries (Kotah) Ltd, Universal Stone, Uttam Stone and Sadbhav Engineering Ltd, took time off from their hectic schedules to be amidst the AIP team on the auspicious occasion of the inauguration of the new Vigyan Nagar office.

Mrs. Chitra Bagrecha, Proprietor of AIP, besides overseeing the activities of AIP and looking after the interests of all AIP customers finds time to be an active



Mr. Rajesh Bagrecha and Mrs. Chitra Bagrecha (4th & 5th from left) with their team at the Vigyan Nagar Office inauguration. Also seen are Mr. P.R. Naik, PSD, L&T, Bangalore (7th from left), along with L&Tites from Jaipur Office and L&T Service Station, Delhi.

Rotarian and takes keen interest in serving the community at large. Her other interests include teaching students who come in hordes to Kota for preparation for the IIT JEE - the entrance exam for admission to the IITs.

Dealer's new office at Tirunelveli

L &T's dealer G P Enterprises, opened a new branch office at Tirunelveli at No 27. SPP Building, S.N. High Road on October 21, 2007. With its Head Office at Madurai in Tamilnadu, the inauguration of this new office would be instrumental in providing door step service to customers located in Tirunelveli, Kanyakumari & Tuticorin Districts of Tamilnadu.



Mr. Lyndon, General Manager (Mech.) of SMS Infrastructure lighting the Kuthuvilakku



Mr. Muthunagappan, Senior Manager (EME), India Cements Limited cutting the ribbon and opening the new branch

The programme started with Mr.S.Gopalakrishnan of G P Enterprises welcoming the gathering and outlining the need for opening the outlet in Tirunelveli.

Mr. Muthunagappan Senior Manager of India Cements Ltd cut the ribbon and formally inaugurated the new office. Mr. Lyndon, General Manager (Mech.) of SMS Infrastructure lit the Kuthuvilakku, the traditional lamp.

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