

## TIL launches two new cranes



**T**IL Limited, an associate sponsor at Excon 2019, showcased its expertise in material handling and crushing & screening solutions, developed over many decades both in-house and by way of alliances with global technology leaders. TIL showcased a range of machines and introduced two brand new cranes – RT880 - an 80-ton Rough Terrain crane and Mobiload 415- a Pick n Carry crane. Other showstoppers at TIL stall include Truck Cranes –TMS850 and TMS 860, Jaw Crusher V2650, and All Terrain Crane- Grove GMK6300L.

Global associate Manitowoc was co-exhibitor with its display of MCT205i-a Potain Tower crane. The company has worked extensively on customer feedback to develop custom made products with advanced safety and intelligent systems based on IoT so that the cranes give higher uptime and performance.

The new RT880 is the latest entrant in rough terrain hydraulic crane category. It has a blocked duty of 80 tons at 3m radius (360 deg slew). The feature that makes the crane special is the 5-section full powered, formed boom extending from 12.1 to 43.8m. There are options for 10.1m fixed lattice and 17.1m tele lattice resulting in a total extended boom length of almost

61m and a maximum tip height of 63.5 m. Compact and highly manoeuvrable with 4x4 drive and 4-wheel steer-the new RT880 comes equipped with a reliable and proven Load Moment Indicator based control system for the crane operations, sophisticated CAN based operator information and interactive system as well as an advanced telematics system. The telematics system is the latest generation Cloud connected machine monitoring solution which captures comprehensive

machine data including location details, usage and service information. Being stored in Cloud database, the data is accessible to manufacturer and user from anywhere in the world and enables remote diagnostics and updates.

The Mobiload 415 is a new version of Pick n Carry crane with a maximum capacity of 15 MT at 2.5m radius over front for pick-n-carry operations and 8 MT at 2.5m radius for 360 degrees slew on-tyre duties. The crane features a 4-section boom with extended boom length reaching from 6.5 m to 17m. The first 3 sections are fully powered and synchronized, and the 4th section is power-positioned. There is an optional 5m jib extension, allowing a total tip height of 24.5 m. Provision of 'out & down' type of outriggers at the front results in a highly stable machine. Continuous 360-degree slew is another unique feature that allows efficient load handling. Its front Axle Drive and Steer feature driveline with proven aggregates and the rigid chassis design gives the machine a unique automotive feel and mobility. An ergonomically designed single man cabin and a fully flat carry-deck allow easy carriage. The machine features electronic Load Moment Indicator to ensure safer operations.



TIL Truck cranes TMS 850 and 860 are characterized by high speed for greater inter-site mobility. Large wheelbase and better suspension offer limited off-road mobility. TIL has launched longer booms in its truck cranes for maximum reach and optimum lifting performance, with U-shaped cross sections for a natural cradling position for the boom sections. TIL V 2650 Jaw Crusher is ideal for heavy-duty application, continuous operation, superior gradation, easy maintenance, durability and mobility. With an advanced Jaw Crusher technology, it is highly productive, easy to maintain and delivers greater uptime. Its design assures greater reliability for both shaft and bearing performance.

The Grove All terrain crane GMK 6300L is the strongest 6-axle crane in the market with an extra-long 80m boom and superior load charts which makes it the preferred choice for all applications. Some main features include the MEGATRAKTM Independent Suspension system which offers increased ground clearance; the All Wheel Steer which provides best steering geometry on or off-highway, precise steering and greater driving comfort and its TWIN-LOCKTM boom pinning increases security.

Recognized as a market leader in mobile cranes and reach stackers, TIL products are synonymous with reliability, productivity and efficiency. Headquartered in Kolkata, TIL has regional offices in metro cities, with a pan India network; two factories in Eastern India – a fully integrated plant at Kamarhatty, Kolkata, which is the only purpose-built mobile crane-manufacturing facility in India and a state-of-the-art ERP-enabled factory at Kharagpur. It has global alliances with Grove Worldwide and Manitowoc Crane Group of USA, Hyster® (a part of Hyster-Yale Group, Inc.) of USA, and Astec Aggregate & Mining (a part of Astec Industries, Inc).

## KYB Conmat launches new equipment in Excon 2019



**N**ew product on display was the compact batching plant with sidewall conveyors, which can achieve a steep angle up to 50 degrees as compared to the 17-18 degree by conventional conveyors. It gives a 10% better output as compared to other batching plants. With this new sidewall conveyor, the batching time is reduced to 50 seconds since the conveyor is very short and runs at a very high speed. The plant gives higher productivity, lower fuel consumption, and enables easy application in constrained

spaces, plus, it is a very low maintenance product. The conveyor has a life of 4-5 years, which is the life of the plant itself.

Also launched was a tower batch mix plant of 60 cubic meter with a vertical storage silo and an elevator conveyor, and is fully enclosed against dust pollution. This plant has a footprint of only 6-7 meters, which is one-fourth of conventional plants, and, therefore, very suitable for metro cities, and it has very low power consumption. The company provides two bins of 30 and 45 cubic meter capacity.

