

Liebherr at Excon 2019

- Exhibits from Liebherr's product ranges of tower cranes, mobile cranes, wheel loaders and crawler tractors
- Equipment on display represents tailor made solutions for the construction industry of the Indian market
- Construction equipment at outdoor area OD 15 & 16.

Biec / Bengaluru (India), 10 December 2019 – Latest technology, new products and tailor made solutions for the construction industry of the Indian market are the focus of the Liebherr showcase at Excon 2019 in Bangalore, India. The trade fair is held from December 10th to 14th, 2019 at Bangalore International Exhibition Centre. At the 10th edition of this "International Construction Equipment and Technology Trade Fair, the Liebherr Group presents wheel loaders and crawler tractors as well as mobile and tower cranes at the outdoor area OD 15 & 16.

World Premiere: Liebherr expands its Flat-Top crane series with the NC-B 12-70

Liebherr is unveiling the third and largest Flat-Top crane of the new NC-B series to date at the Excon in India: the NC-B 12-70. With a maximum lifting capacity of 12 tonnes and a maximum radius of 70 metres, it is significantly larger than the NC-B 9-62 and the NC-B 6-62. A specific 16 EC tower system has been developed for the NC-B cranes. The series also has its own variable climbing system.

The new NC-B series was specifically developed to meet the requirements for use in metropolitan areas of emerging countries. The first three models in the new series can cover a wide range of construction projects in these areas. The nine-tonne and the new twelve-tonne versions are ideal for hoisting heavy prefabricated components – for example for building shopping centres, production plants and car parks. The six-tonne NC-B 6-62 crane, meanwhile, is perfect for erecting tower blocks in inner-city areas where they work with low load weights but enormous hook heights.

The NC-B 12-70 model on show at the Excon has a maximum lifting capacity of 12 tonnes and a maximum radius of 70 m. It has a jib head load capacity of 2,000 kg.

For the NC-B 12-70, the customer can choose from a frequency converter standard hoist gear with a rating of 45 kW or an optional 75 kW hoist gear, also with a frequency converter. The 75 kW hoist gear can achieve hook heights of up to 492 m with high handling capacity in two-line operation.

One of the most powerful 5-axle mobile cranes on the market

The LTM 1250-5.1 is the successor to the global success model LTM 1220-5.2. In the development of the crane Liebherr followed the concept of achieving maximum load capacity from the available weight of a 5-axle mobile crane. The result is that the LTM 1250-5.1 is one of the most powerful crane in its class in the world. Its load capacity has been increased compared to its predecessor by around 15 per cent – 20 per cent whilst the telescopic boom has remained at the same length of 60m. With lattice extensions the maximum hook height has been increased by a massive 9m to 110m.

Liebherr has a particularly wide and variable range of lattice jibs for the LTM 1250-5.1. The 12.2m to 22m folding jib can be extended up to 36m with 7-metre sections. The folding jib is attached with a 0°, 22.5° or 45° inclination. As an option the folding jib can be supplied with a hydraulic adjustment system, which allows it to luff with a full load between 0° and 45°. The adapter section for the folding jib is used as a 5.4m erection jib. The pivot point for the folding jib can be raised using up to two straight 7m lattice sections acting as telescopic boom extensions. These sections and the folding jib extensions can also be used on the Liebherr LTM 1200-5.1 and LTM 1220-5.2 mobile cranes. This is a major benefit for crane operators that use these crane models in their fleet.

One feature that has been unusual in the 5-axle class to date is the possibility to mount a long fixed jib which, for example can achieve enormous radii over buildings. Liebherr has created a particularly smart solution for this. It is now possible to achieve a fixed jib of up to 50 m in length with just one additional TF adapter (connection between the telescopic boom and the fixed jib), a reducer section and a head. The existing telescopic boom extensions and folding jib extensions are used for this purpose. This jib is generally hydraulically adjustable between 0° and 45° and can therefore be used like a luffing jib.

The maximum ballast on the new LTM 1250-5.1 is 88t with a maximum width of 6.3m. The base plate weighing 1t and a 10-t ballast plate are the same width as the vehicle. With up to 68 tonnes of ballast the ballast width is 4.1m.

VarioBallast is a new feature for Liebherr. The LTM 1250-5.1 can be operated with two different ballast radii: 5.58m or 4.78m. Liebherr has designed a solution to adjust the ballast radius particularly quickly and easily. The ballast radius is reduced by 800mm using standard mechanically swivelling ballasting cylinders. This solution is a major benefit of the new 250-tonne model for use in constricted conditions.

Great level of efficiency in all applications: Liebherr wheel loaders L 550 and L 566

Additionally to that, Liebherr is exhibiting two wheel loaders from its current wheel loader product range for India and for less regulated countries. Due to their hydrostatic driveline, these wheel loaders – like all Liebherr wheel loaders – are fuel efficient, consuming up to 25 percent less fuel compared with conventional wheel loaders under the same conditions. The optimum weight distribution of the machines increases productivity at work, because larger buckets can be used to handle more material with each loading cycle.

The Liebherr wheel loader L 550 on display is powered by a 140 kW / 190 HP diesel engine. Equipped with a 4,5 m³ light material bucket the wheel loader achieves a tipping load of 11,100 kg at an operating weight of 17,700 kg. The optimum weight distribution combined with a wide range of attachments for different applications supports businesses to benefit from increased productivity during daily operation. Thus especially by using larger buckets compared to other type of wheel loaders in the same class. Moreover, Liebherr presents the L 566 wheel loader with Z-kinematics and a 6,5 m³ light material bucket. With an operating weight of 23,500 kg the exhibit has a tipping load of 14,500 kg. The L 566 is powered by an economical 200 kW / 272 HP Liebherr diesel engine. Both wheel loaders satisfies exhaust emissions standard below the limits of the Indian certification Bharat Stage III.

Liebherr manufactures three wheel loader models for the Indian market, the L 550, L 566, and the L 580. Liebherr wheel loaders are robust machines with the high performance and the low operating costs for which Liebherr is well-known.

Captions

liebherr-towercranes-nc-b.jpg

An addition to the NC-B series: The NC-B 12-70 is the largest crane of the Liebherr tower crane series.

liebherr-mobile-crane-ltm1250-5-1.jpg

In the development of the crane Liebherr followed the concept of achieving maximum load capacity from the available weight of a 5-axle mobile crane.

liebherr-wheel-loader-L550.jpg

The Liebherr L 550 wheel loader impresses in rehandling with its minimal fuel consumption. It consumes up to 25 percent less fuel compared with conventional wheel loaders under the same conditions.

liebherr-wheel-loader-L566.jpg

The L 566 penetrates powerfully into the material with its Z-kinematics.

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