

### **Innovative Truck-Mounted Concrete Pump from Liebherr on Show at the MaskinExpo 2014 in Sweden**

- Compact boom system with no overhang at the rear of the vehicle chassis
- Design of distributor boom ensures minimal vibrations and balanced weight distribution
- Forces exerted by the boom are fed directly into the XXT outrigger supports

**Biberach / Riss (Germany) May 2014 – The Liebherr truck-mounted concrete pump 41 M5 XXT exhibited at MaskinExpo 2014 is equipped with a powerful high-pressure pump unit THP 140H. It offers maximum concrete output of 140 m<sup>3</sup>/h and maximum concrete pressure of 119 bar. The torsional resistant 5-section multi-fold distributor boom has a length of 41 m. The vehicle presented in Stockholm is equipped with the unique and patented Liebherr XXT narrow support version.**

Liebherr truck-mounted concrete pumps offer additional advantages to provide added customer value. The compact boom system - with no overhang at the rear of the vehicle chassis - in correlation with the truck-mounted concrete pump design, lends the vehicle an articulate and tidily-arranged appearance.

The new, 5-section multi-fold distributor boom is extremely torsionally-resistant, ensuring that vibrations are reduced to an absolute minimum when unfolding the boom on the building site. To ensure a balanced weight distribution, the concrete pipeline is configured close to the boom on both left and right hand sides. Minimal pressure loss is guaranteed via increased radius of the pipe bend in the concrete pipeline (R=275 mm). All pipe bends used are predominantly of the same type, minimising required storage of various wear parts.

Completely unique to Liebherr, the XXT outrigger system is a particular highlight. The front and rear outriggers are secured directly onto the boom pedestal of the distributor boom, ensuring that all forces bypass the boom completely and are channelled directly into the outriggers. Four pivoting outriggers guarantee maximum flexibility and an

extremely wide swing range of the distributor boom when supporting in a narrow configuration. This can prove decisive when working on building sites with restricted access.

Servicing of the 41 M5 XXT is also an exceptionally positive aspect of this feature. Numerous structural features alleviate the replacement of wear parts considerably.

An extensive range of accessories and furnishings guarantee satisfaction of every customer requirement.

Liebherr's rugged and durable concrete pumps are developed and produced in Germany and are equipped exclusively with quality components from renowned manufacturers.

### **Captions**

Liebherr\_41-M5-XXT.jpg

Liebherr concrete pump THP 140H 41 M5 XXT

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