

New Liebherr Crawler Concrete Pump at the Conexpo Con/Agg 2014

March 2014 – In Las Vegas (USA) the crawler concrete pump THS 110 D-K with a concrete output of 102 m³/h (133 yd³/h) and equipped with a six-cylinder engine, will be unveiled by Liebherr. The series of Liebherr crawler concrete pumps encompasses three different models - the THS 80 D-K, the THS 110 D-K and the THS 140 D-K providing max. concrete outputs of 65 m³/h (85 yd³/h) to 135 m³/h (177 yd³/h).

Smooth running and outstanding suction performance are the hallmarks of a powerful pump unit in the crawler concrete pump THS 110 D-K, while an open hydraulic circuit guarantees reduced system maintenance requirements. Additional structural details also contribute to optimum serviceability. Utmost importance was afforded during the design phase to ensure that wear parts could be replaced quickly and easily. The smooth surfaces of the pump housing are easy to clean and the shape of the concrete hopper, devoid of edges and projections, minimises the accumulation of concrete residue and soiling. An extensive standard scope of delivery for the crawler concrete pump includes for example, a 500 litre capacity water tank with water pump, as well as a lockable toolbox.

The new Liebherr crawler concrete pump is particularly suited for applications in which pumping of the concrete is constantly being relocated around the building site. Manoeuvring and operation of the crawler track-mounted concrete pump is effected via remote control.

A typical application for crawler concrete pump is the supply of concrete to drilling equipment for bored piling foundations. Deep holes are drilled into the earth and then filled with concrete following extraction of the drill. Crawler concrete pumps are employed alongside the drilling equipment at the various operation points, whereby the concrete hose remains permanently connected to the drilling equipment.

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Published by

Liebherr Concrete Technology Co.

Newport News, VA, USA

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