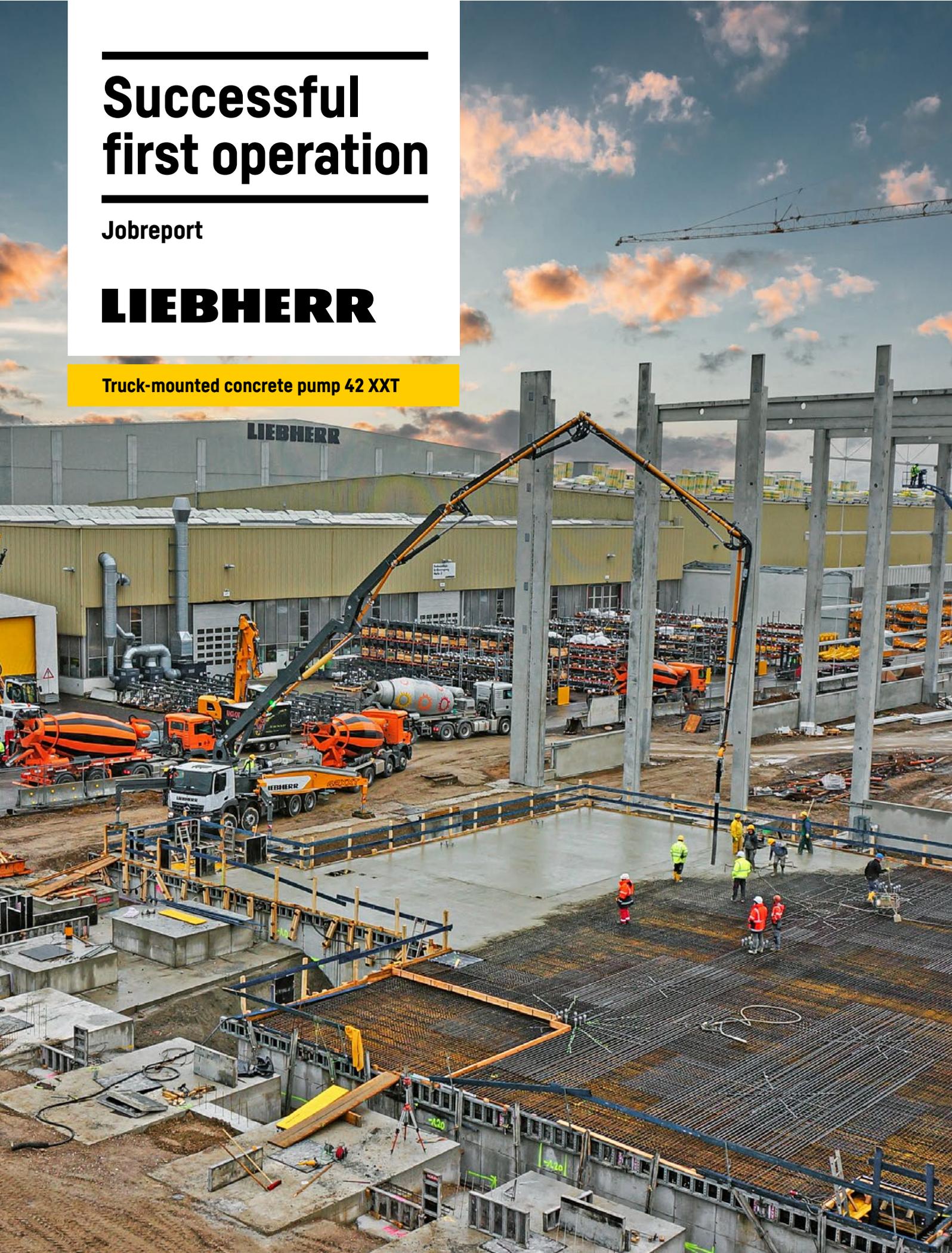

Successful first operation

Jobreport

LIEBHERR

Truck-mounted concrete pump 42 XXT





Situation

To further reinforce the foundation location of the entire Lieherr Group and as an investment in a continued successful and competitive future, Liebherr-Hydraulikbagger GmbH started the construction of the new logistics centre for production in Kirchdorf an der Iller in June 2018 with the traditional ground-breaking ceremony. Züblin AG, headquartered in Stuttgart, was awarded with the contract as developer.

Task

After completion, the new logistics centre for production will have overall dimensions of around 245 x 96 metres and a height of around 22 metres. A concrete foundation slab with a total area of around 380 m² concrete had to be pumped for this purpose. The new Liebherr 42 XXT truck-mounted concrete pump was used for the first time. The pilot customer from the region was BPU Betonpumpendienst Ulm.

Solution

The truck-mounted concrete pump was able to prove itself in its first field operation and fully demonstrate its capabilities. The new 42 XXT with THP 170H pumping unit was particularly convincing on site, due to the Liebherr-standard quiet operation and stability even at full pumping capacity.

One highlight of the new 42 XXT truck-mounted concrete pump is the unique Liebherr-Powerbloc drive unit. With the

complete integration of all hydraulic switching and measuring elements, the machine impresses with its unique robustness, increased performance and especially quiet operation.

Thanks to the completely new development of the pump and the use of in-house components, a total weight of less than 32 tons could be realized. In addition, the 5-piece multi-folding mast enables a low unfolding height and the outstanding slip characteristics, paired with its great mobility, facilitates working in buildings.

The proven XXT-outrigger is also particularly flexible, especially when supporting in spatially restricted conditions. In addition, the truck-mounted concrete pump is characterised by its long service life and low service requirements. The robust design ensures customers reliable operation at low operating costs. This ensures economical and smooth operation for many years.

Liebherr-Mischtechnik GmbH guarantees a long service life of its concrete pumps in extensive test series, field trials and material investigations. This ensures that customers receive a high quality product „Made in Germany“ in accordance with the usual high Liebherr quality standards. In order to fulfill these standards, further test site operations are already planned for the coming weeks.

Technical Data	42 M5 XXT
Vertical reach	41.2 m
Horizontal reach	37.2 m
Unfolding height	8.6 m
End hose length	4 m
Maximum flow rate *	163 m ³ /h
Maximum concrete pressure **	119 bar

* rod end
 ** piston end