

The operator can feel comfortable in this crane cab. Clearly and ergonomically arranged control elements increase working quality and safety. Tinted side panes as well as a roller blind are part of the basic equipment. Variable control lever consoles and a lumbar vertebra support in the seat enable individual adjustment. More comfort at work means better concentration and thus improved performance.

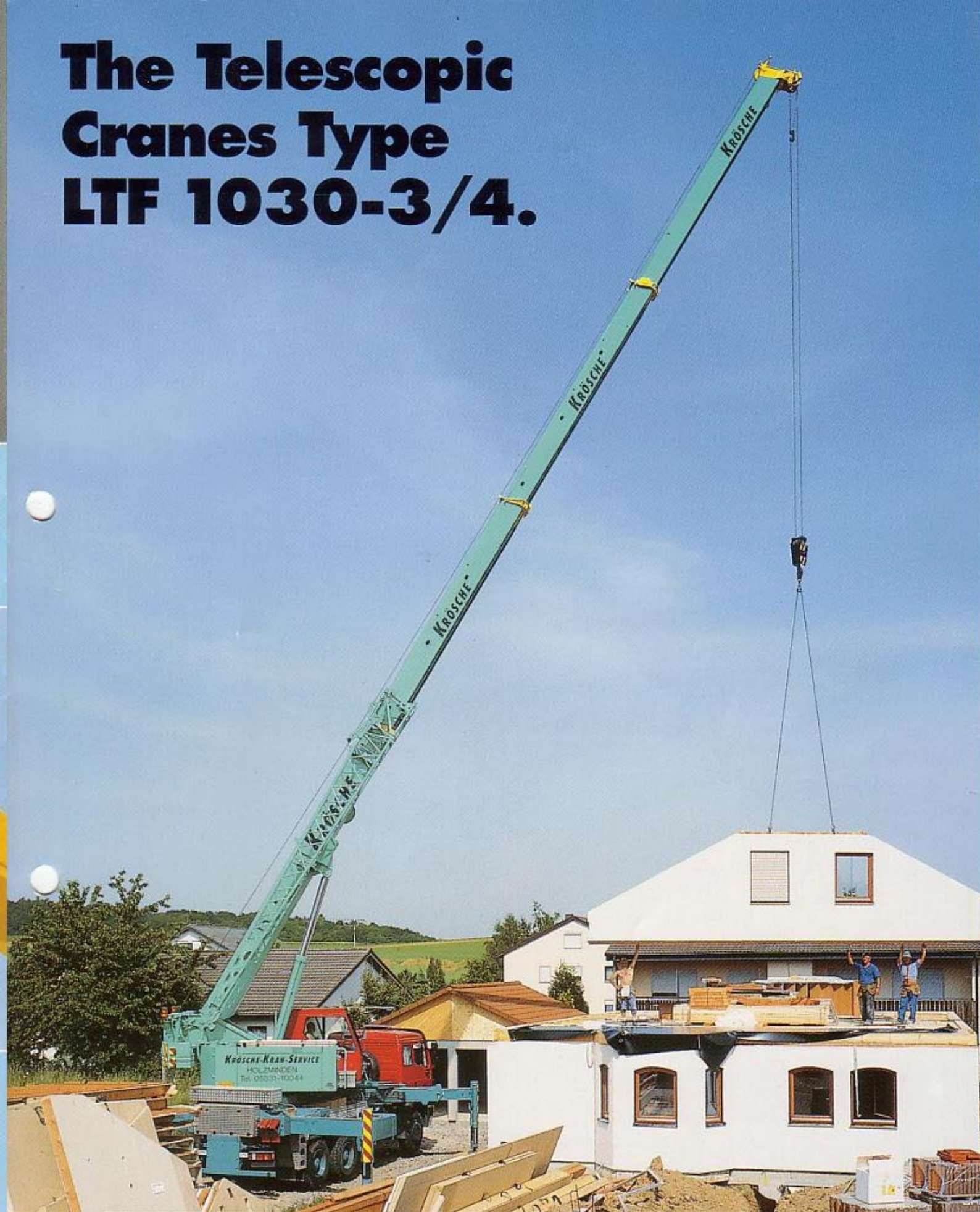
Applied more than 2000 times - the LICCON computer system of Liebherr, the world's most modern monitoring and control system for mobile cranes. It determines the most advantageous load capacity at any boom length. All load charts are memorized and can be polled on the monitor. Moreover it features an integrated test system with error displays to reduce servicing and downtime to a minimum. No other crane monitoring system provides as many application programs as the LICCON system of Liebherr.



You expect a hoisting gear to be rapid and of sensitive control, for hoisting as well as for lowering. This hoisting gear with its robust internal planetary gear and safe static brake performs according to your expectations. Any layer of the antitwist hoist rope is wound precisely and the winch rotation display enables hoisting and lowering of the load by the centimeter. Thanks to the "load sensing" control it is possible to execute four simultaneous working motions.

The 4-section, up to 26 m long telescopic boom features a four-folded lower chord which contributes to extreme buckling and torsion resistance. The hydromechanic telescoping system has been up to the mark by the thousands. The double pulley block for the 3rd and 4th boom stage leads to a lower boom gravity center and thus to increased lifting capacity. The LICCON system determines the deflection under load of the telescopic boom and calculates the best load capacity for any boom length.

The Telescopic Cranes Type LTF 1030-3/4.



Subject to modification.

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LIEBHERR

The better crane.

The Liebherr telescopic cranes type LTF 1030-3/4 mounted on customer-selected chassis have been specifically designed for the erection of prefabricated houses. These powerful, efficient and safe mobile cranes exceed the conventional load capacities of the 30-tonner class.

Instead of the Liebherr chassis you can select a standard-type truck chassis, e.g. DAIMLER-BENZ, MAN, IVECO or SCANIA, on which we adapt a light but torsionproof intermediate frame of high-tensile steel and a 4-point outrigger equipment. The crane is completed by the Liebherr superstructure and the 26 m long telescopic boom.

The details as to performance, driving convenience and safety of the lorry chassis will be made available to you by the respective manufacturer. We ourselves guarantee a modern and functional technique for the mounted crane: with a robust Liebherr Diesel engine, sensitive load-sensing crane control, hydraulic ballasting device, comfortable crane cab with armrest-integrated control elements, LICCON safe load indicator with test system as basic equipment and the torsion-proof telescopic boom extendable by a 14.4 m long double folding jib for a height under hook of 42 m and 36 m radius.



Telescopic crane LTF 1030-3 mounted on a 3-axle Daimler-Benz chassis type 2631 K / 6 x 4.



Telescopic crane LTF 1030-4 mounted on a 4-axle Daimler-Benz chassis type 3334 K / 8 x 4.



Telescopic crane LTF 1030-3 mounted on a 3-axle MAN chassis type F 68 26/27.372 DF 6 x 4.

**The cranes mounted on customer-selected truck chassis
- a class by itself.**



Telescopic crane LTF 1030-3 mounted on a 3-axle SCANIA chassis type P 113 HK / 6 x 4.



Nowadays, a prefabricated house is completed within 1 to 1.5 days. The crane performs 100 lifts and more within the shortest period. With precision, fastness and safety, an LTF crane often handles glazed prefab parts and panelled wall sections for 10 hours and more every day. And rapidly lifts pallets of roof tiles and insulating material. And then the crane travels two hundred kilometers - sometimes even more - to the next job. On account of its advantageous total weight, a permanent approval for the circulation on public roads is granted for the 3- and 4-axle crane in Germany. Thus, construction sites at even larger distance can be reached without any problem.

The front folding outriggers and the rear sliding outriggers are telescopic, the supporting basis is variable. The support plates remain fixed to the rams. The crane is set on outriggers by means of the control panels at either side of the chassis and aligned into a horizontal position by the illuminated reflecting level. The working range is 360° without any limitation, i.e. on restricted construction sites, the prefabricated part can be lifted over the rear and installed over the front.

The crane cab can be reached via four convenient access facilities provided with ergonomically arranged handles. The wide opening sliding door enables effortless access to the crane cab. The crane operator's work-a-day routine is tough enough; therefore we contribute in making it easier for him by such access facilities.



The LTF 1030 is powered by a robust Liebherr Diesel engine of 130 kW (136 HP) with exhaust gas turbo-charger. That exactly is the power a 30-tonner requires for the control of the hydraulic drive. Moderate fuel consumption, low noise level and low pollutant emissions characterize the D 914 T. The engine's capacity of resistance to wear is demonstrated by the gear drive of the fan, water pump and compressor instead of a V-belt drive.

For road travel, a partial ballast is deposited on the chassis in order to meet the prescribed axle load. Ballasting is performed prior to operation: Of course, controlled from the crane cab and within a few minutes. The 3-axle crane can be equipped with 3, 4 or 5.5 t counterweight. The 4-axle crane features slightly higher load capacities on account of a total counterweight of 7.5 t.



Telescopic crane LTF 1030-4 mounted on a 4-axle MAN chassis type 32.322 VF/TM 8x4.