

**The service centre for
mobile and crawler cranes
at Berlin/Alt-Bork.**



LIEBHERR

The better crane.

Liebherr mobile and crawler cranes are in operation world-wide. They are modern, powerful and reliable. As powerful as the crane is also the Liebherr service. A world-wide network of service stations assures our customers competent service right in their vicinity.

In Germany, Liebherr-Werk Ehingen GmbH offers a comprehensive after-sales service for mobile and crawler cranes at no less than three locations. The "Service centre at the manufacturer's factory" at Ehingen offers the latest repair facilities on an area of 2.500 m². The "Service centre at Oberhausen", due to its central location, offers crane service for more than 1.800 mobile and crawler cranes within that region. And the "Service centre at Berlin/Alt-Bork", by its particularly advantageous location in direct vicinity of the Berliner Ring" at the Federal Motorway A9 Leipzig - Berlin, provides a comprehensive after-sales service for the 900 Liebherr mobile cranes in

the new "Bundesländer". Moreover, this service centre is also a spare parts base for Northern and Eastern Europe. Already in 1995, a complex of buildings with a 3.500 m² repair shop and 600 m² administration area with large-scale meeting and training rooms as well as a well assorted spare parts store were created on an area of 36.000 m². Two overhead cranes of 30 m span and 20 t capacity each, an underfloor inspection bay, the fully automatic exhaust gas extraction device, a modern brake test stand and comprehensive special tools form the base for servicing work of any kind. Trained indoor employees and experienced outdoor engineers with modern servicing vehicles are available for the after-sales service. The comprehensive offer in diverse performances of the service centre for mobile cranes at Berlin/Alt-Bork has been certified by a quality management system in conformance with DIN ISO 9001.

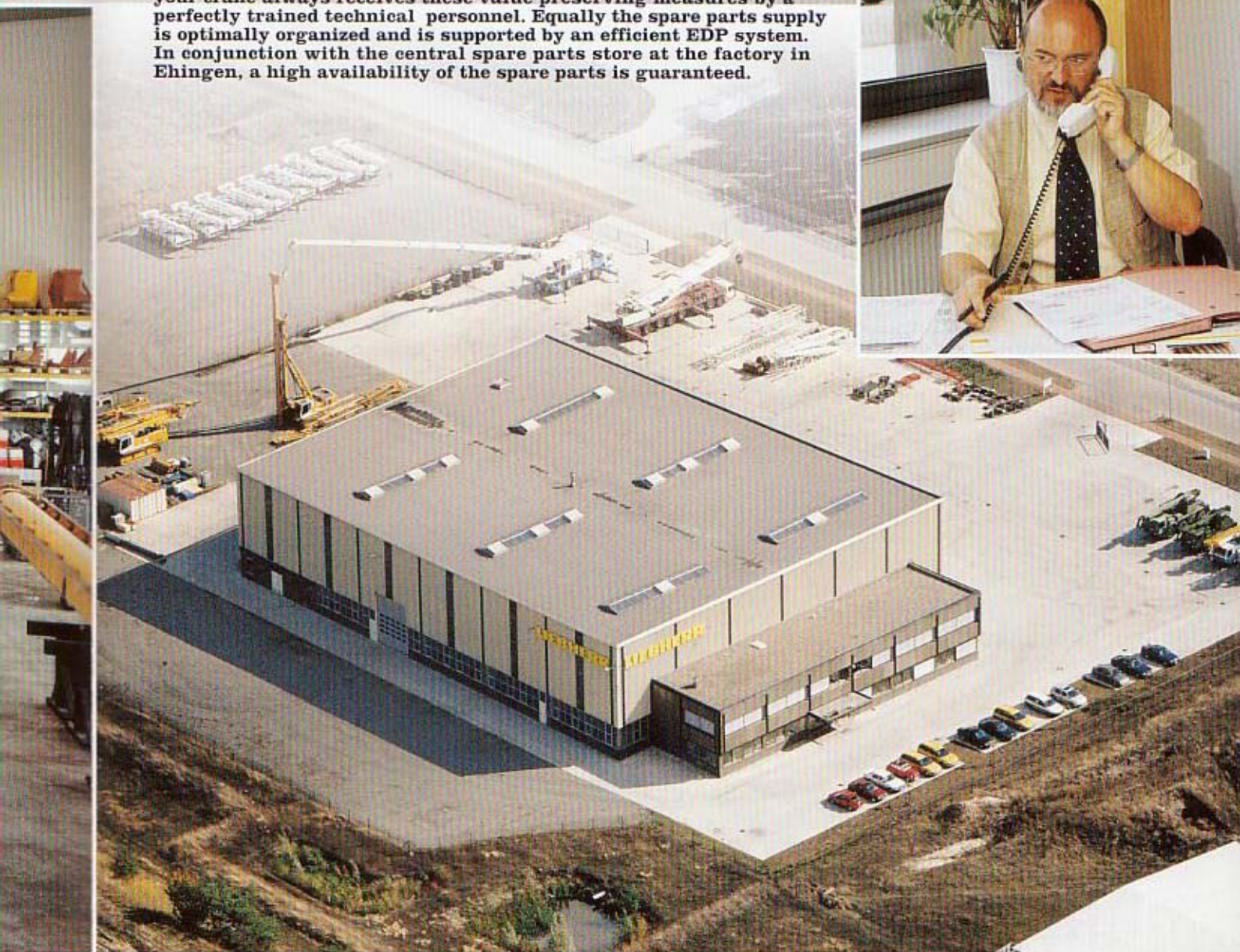


**The Liebherr service:
Positively available for you.**



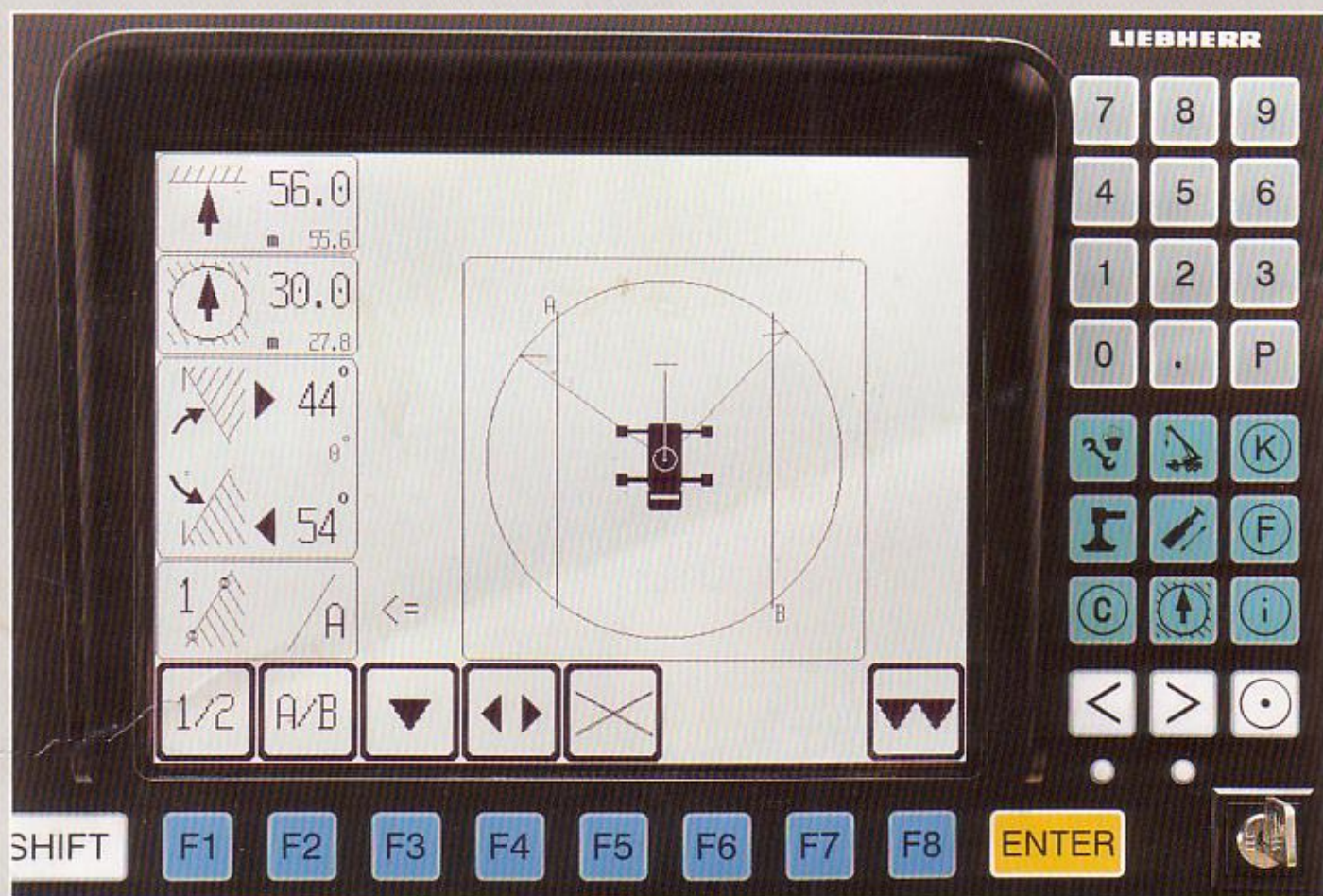


Competent information and a professional, qualitative high-grade execution of the servicing and repair work are self-evident at Liebherr. No matter whether a crane damaged in an accident, overhaul of second-hand cranes or routine inspection and maintenance work are concerned, your crane always receives these value preserving measures by a perfectly trained technical personnel. Equally the spare parts supply is optimally organized and is supported by an efficient EDP system. In conjunction with the central spare parts store at the factory in Ehingen, a high availability of the spare parts is guaranteed.



The Liebherr service: You are always in the centre of interest.

Working area limitation with the LICCON system - a technical advance for Liebherr mobile cranes.



The electronic LICCON working area limitation system contributes to unburden the crane operator by controlling the working area limits, especially in situations where the handling of loads requires his full attention. Working areas can be restricted by buildings, bridges, roofs, high-voltage overhead lines, pipe lines or adjacent cranes. The automatic working area limitation system can be programmed conveniently and its functions are easily understandable. Four different limitation functions are provided for Liebherr mobile cranes:

- the pulley head height limitation
- the radius limitation
- the slewing angle limitation
- the edge limitation

Each limitation function can be activated individually but also in conjunction with others so that a complex number of working area limitations are programmable. Activated limitations cannot be overrun by actuating the erection switch. Should it become necessary to overtravel an area limitation, it must be inactivated first. Besides a numerical display of the programmed working area limits within the function symbols, they are mostly also represented graphically on the LICCON display screen.

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