Product advantages
Mobile crane LTM 1055/1

Max. lifting capacity: 55 t
Max. height under hook: 56 m with biparted swing-away jib
Max. radius: 48 m with biparted swing-away jib

Performance profile of the LTM 1055/1 at a glance.

- Outstanding load values within the entire working range
- Operative weight 36 t, incl. 5.5 t counterweight, biparted swing-away jib, drive 6 x 6, tyre equipment 16.00 R 35
- Liebherr turbo-charged Diesel engine type D 926 T E A5 of 270 kW/367 h.p., exhaust emission values according to EURO III, fully electronic engine management, hydraulic pump activatable for crane drive
- ZF powershift gear AS-TRONIC with automatic or manual 12-speed control
- Data bus technique with CAN bus and Liebherr System Bus (LSB 1, 2, 3) for carrier, crane superstructure and telescopic boom
- Comfortable electric/electronic crane control with integrated LICCON system

- Tiltable crane cabin with laterally extendable footboard
- Compact 5-section, telescope boom 10.2 m - 40 long, with oval profil for high lateral stability
- Rapid-cycle telescoping system “Telematik” with patented internal locking system, fully automatic and manual telescoping practicable
- 9.5 m - 16 m long biparted swing-away jib, mountable at 0°, 20° or 40°, hydraulic fitting aid
- LICCON, the most modern crane computer system worldwide, with comprehensive informative, monitoring and control functions
- The LTM 1055/1 is manufactured by Liebherr within the scope of a quality assurance system acc. to ISO 9001
Comfortable driver's cabin of outstanding functionality.
- Modern, comfortable driver's cab of high functionality and convincing design
- Ergonomically arranged operating and display elements for safe and convenient handling during continuous operation
- Digital display and keyboard units interconnected with the function blocks by data bus technique
- Air-cushioned driver's and co-driver's seat, head rests, driver's seat with pneumatic lumber support
- Safety belts for driver and co-driver
- Height and inclination adjustable steering wheel
- Heated and electrically adjustable rear mirrors
- Side panels with electric window lifters
- Automatic windscreen wipers/washers with intermittent control
- Delayed disconnection of interior lighting
- Various racks and boxes
- Radio preparation

Comfortable crane cabin of outstanding functionality.
- Tiltable crane cab
- Spring-mounted and hydraulically cushioned crane operator's seat with pneumatic lumber support and headrest
- Operator-friendly armrest-integrated controls, vertically and horizontally adjustable master switch consoles and armrests, ergonomically inclined operating consoles
- Display of the operation relevant data on the LICCON monitor
- Windscreen wiper/washer system for front window and skylight
- Self-contained supplementary warm water heating “Thermo 90 S”
- Radio preparation
The electric and electronic components are interconnected by the latest data bus transmission technique.

Liebherr Diesel engine and ZF powershift gear AS-TRONIC are controlled via a CAN data bus. The fully electronic drive management reduces fuel consumption and improves the exhaust gas emission (EURO III).

The carrier and crane electric systems, including all cockpit functions, the outrigger system and boom sensor system are interconnected by three Liebherr System Busses (LSB 1, 2, 3).

Instead of the traditional electric wiring, the data transmission to the individual function blocks is performed digitally via just a few data cables.

The activation of the function blocks is realized by I/O modules, the programming of which is performed via the Liebherr system busses. The control intelligence is integrated into the LICXCON central unit.

The new data bus technique clearly contributes to an increase in functionality and efficiency as well as to the ease of servicing and diagnostic.

Data bus technique revolutionizes crane operation.
Crane electric system.