Compact, manoeuvrable and weight-optimized.
- Overall length 16.3 m, only length of carrier just 8.95 m only, overall height without cab upper section 2.95 m (vehicle in lowered condition)
- Large overhang angles of up to 21° (type equipment 11.00 R 26)
- Small turning radius of 7.3 m due to all-wheel steering
- 24 t total weight, incl. 2.5 t counterweight, 14.2 t tyres, 15.7 t biparted swing-away jib, drive 4 x 4 and 51.7 t hook block (axle load 5 x 13 t)
- 3 optional tyre sizes
  14.00 R 26 - vehicle width 2.5 m
  16.00 R 26 - vehicle width 2.5 m
  19.50 R 26

Minimum overall height.
- By detachable cab upper section (by means of mechanical dismantling device)
- By lowering the crane by 100 mm with the aid of the „Niveaumatik“ suspension

Activating/locking suspension and levelling vehicle by the „Niveaumatik“.
- Raising the crane by 100 mm to improve the working position
- Lowering the crane by 100 mm to reduce the overhead clearance
- 100 mm more space between supporting pads and ground for setting crane on outriggers
- Raising front or rear of carrier to increase overhang angles
- Lateral inclination of crane up to 2 x 7.6° for negotiating slopes
- Automatic level adjustment of axles for road travel by a switch in the driving cab
- Axle load equalisation

Setting crane on outriggers - quick, convenient and safe.
- Variable supporting basis
  - Outriggers retracted
  - Supporting basis 4.3 m longitudinally x 4.3 m transversely
- Fixed supporting pads, protected by splash guards
- Travel of supporting rams 570 mm
- Supporting pads 500 mm
- Time for lowering supporting rams approx. 40 s
- 2 x 7.6° lateral inclination of crane on outriggers
- Illuminated and dirt-protected reflectors
- Operation of outrigger system in accordance with the rules for the prevention of accidents

Product advantages
Mobile crane LTM 1030/2

Max. lifting capacity: 35 t at 3 m radius
Max. height under hook: 45 m with biparted swing-away jib
Max. radius: 40 m with biparted swing-away jib

Performance profile of the LTM 1030/2 at a glance.
- 24 t total weight, incl. 2.5 t counterweight, 15 t biparted swing-away jib, 14.5 t tyres, and 24 t hook block (axle load 3 x 12 t)
- Outstanding range of lifting capacities, counterweight variants 2.5 t and 2.9 t
- Modern 220 kW/295 b.h.p. Mercedes-Benz 6-cylinder in-line Diesel engine with exhaust gas turbocharger and charge cooling (HERO II), fully electronic engine management
- Liebherr-System-Bus (LSB) for data transfer, e.g. for the engine and transmission management as well as for the vehicle electric system
- Combined and manoeuvrable due to all-wheel drive and all-wheel steering; smallest turning radius 6.3 m across vehicle
- Travelling control and setting on outriggers from crane cab - standard features
- Load-sensing system for optimized crane control
- Four-section telescopic boom of maximum stability, length 9.2 m - 30 m, and 8.4 - 15.0 m high biparted swing-away jib for heights under hook of up to 45 m and radii of up to 40 m
- LIECON, the most modern crane computer system worldwide, with comprehensive information, monitoring and control functions
- Steering rim, slewing gear, wind and hydraulic pump are self-manufactured, quality tested components
- Quality assurance system according to DIN ISO 9001
Torsional rigid telescopic boom.
- Offset cross-sectional boom profile, multi-folded design, buckling-proof and torsional rigid, of excellent guiding quality
- Maintenance-free polyamide slide pads of telescopes
- First-rate lifting capacities, e.g.
  - 9.0 t at 10 m radius
  - 3.1 t at 30 m radius
  - 2.6 t at 60 m radius

Wide comfortable driving cab.
- Two-seated comfortable driving cab, corrosion-proof structural steel design, dip-primer and entirely powder-coated, front section mounted on rubber shock absorbers, rear section on hydraulic dampers
- Safety glass all around
- Air-conditioned driver's seat with pneumatic lumbar support, co-driver's seat air-envisioned
- Steering wheel adjustable in height and inclination, baleable and electrically adjustable exterior mirrors
- Standardized and ergonomically loaded operating and control elements, equally for the Niveaumath suspension

Spacious crane cab with armrest-integrated control levers.
- Galvanized crane cab, tinted panes all around, front knock-out window with large parallel windscreen wiper, larger skylight of bullet-proof glass with large segmental windscreen wiper and roller blind, space-saving sliding door
- Operator's seat with pneumatic lumbar support and headrest
- Convenient armrest-integrated control elements, vertically adjustable master switch consoles and armrests, ergonomically inclined operating consoles
- Steering operation by means of electric switch
- Sound and heat insulated internal panel, an auxiliary heating is part of the standard equipment
- LUCOS computer system with monitor

Modern and powerful carrier drive.
- Water-cooled Mercedes-Benz 6-cylinder in-line Diesel engine with exhaust gas turbocharger and charge cooling (KURO II), with fully electronic engine management
- ZF power shift gear type 6 WG 210 with torque converter and automatic control and electronic engine management, 6 forward, 2 reverse speeds and rough-terrain ratio
- Max. driving speed 60 km/h, max. grading ability 60 %
- Liebherr axial piston variable displacement pump controlled by the power shift gear, activatable for the crane drive

Outstanding carrier technology for on-road and off-road application.
- Weight-optimized axles, almost maintenance-free, made of high-tensile steel, perfect track keeping and lateral stability due to special control linkage arrangement
- Drive 4x4, only the rear axle is driven for on-road displacement, front axle activatable for off-road operation
- All-wheel steering, rear axle also steerable independent of front axle (crab steering)
- The entire swing system can be steered, maintenance and are safely located within the axle body; 70° diagonal locating enables simple and fast fitting by a few screws

Niveaumath suspension – preserving crane and roads.
- Maintenance-free suspension rams, free from lateral forces, protected by synthetic tubes
- Level position (suspension on "travelling mode") can be activated automatically by push-button control from any position
- Stable cornering ability due to cross mounting of the hydro-pneumatic suspension
- Axle locking system (locking of suspension for travelling with load) controlled from the driving cab

Liebherr components – reliable and easy-to-service.
- Slewing ring, slewing gear, worm and axial piston variable displacement pump are self-produced
- Liebherr components, specially matched for the application in mobile cranes
- Centralized lubrication system for slewing ring, boom bearing application and bearings of winches and luffing ram

Weight-optimized steel structure.
- Carrier, superstructure and telescope boom in light-gauge design, calculated by the FE-method, weight-optimized and with maximum torsional rigidity
- Tensile property of material with high safety factors through the application of STH 600 (900 N/mm²) for all supporting members such as telescope boom, superstructure frame and outrigger system
Mounting of counterweight - just a matter of minutes.
- Counterweight variants 2.5, 4.1 and 6.3 t
- Ballasting controlled from crane cab

Crane control with load sensing system.
- Sensitive control of 4 working motions independent of one another
- Energy saving as the variable displacement pump only delivers the oil volume required
- Without high-speed activation, the entire oil volume can be directed to one single consumer, e.g., to increase the working speed

- The hydraulic system is perfectly accessible and easy-to-service due to its modular design
- The all-hydraulic control with the "Load Sensing System" warrants an outstandingly sensitive and precise handling of the load

Handling of loads - precise and safe.
- 4-section, 30 m long telescopic boom and 8.6 m - 15 m long bipodised swing-away jib for 40 m height under hook and 40 m radius
- The LICCON system calculates the optimal load curve at any boom length
- Swing-away jib mountable at 0°, 30° or 60°
- Hydraulically rigging aid for swing-away jib

Proved hydromechanical telescoping system.
- Reliable, single-stage, double-acting hydraulic ram
- Low gravity center of boom due to twin block and tackle for 2nd and 4th boom step
- Telescopes equipped with wear-resistant polyamide bearing pads
- Oval cross-sectional boom profile

LICCON computer with SLI and test system.
- Setting of crane configuration by convenient conversational-mode functions
- Reliable acknowledgement of crane configuration set
- Representation of all essential data by graphic symbols within the operation image
- Reliable cut-off device when exceeding the permissible load moments
- Safe load values for any boom intermediate length
- Which indications for load hook course with zero adjustment for ultra-precise lifting/hoisting
- Test system for servicing including facility to check all sensors and consumers connected to the system on the display screen