Compact, manoeuvrable and weight-optimized.
- Overall length: 15.8 m only, length of carrier just 13.54 m
- Large overhang angles up to 8° at vehicle front and rear
- Small turning radius of 10.6 m at all-wheel steering
- 60 t total weight, incl. drive 10 x 8, 16.00 R 25 tyres
- TELMA type eddy current brake, 30 t hook block (axle load 5 x 12 t)
- 2 optional tyre sizes
  14.00 R 25 - vehicle width 3 m
  16.00 R 25 - vehicle width 3 m

Variable drive and steering concept.
- Drive: 10 x 8, axles 1, 4 and 5 driven, 4th and 5th axle driven at road travel, 1st axle activatable for rough-terrain operation
- Drive: 16 x 8 (optional), axles 1, 5, 4 and 5 driven; axles 4 and 5 driven at road travel, 1st and 2nd axle activatable for rough-terrain operation
- Standard steering: 1st, 2nd and 3rd axle steerable
- All-wheel steering, 4th and 5th axle steerable independently of axles 1, 3 and 5 (crab steering), the additional hydraulic steering is locked for road travel

Setting crane on outriggers - quick, convenient and safe.
- Variable supporting bases
  Supporting base 6.5 m x 8.85 m
  Supporting base 8.5 m x 8.85 m
- Supporting pads remain fixed on the outriggers and are protected by splash guards
- Truck of supporting bases 700 mm
- 8 x 6 internal inclination of outrigger and crane superstructure
- Illuminated and dirt-protected reflecting levels
- Operation of outrigger system in accordance with the rules for the prevention of accidents
- Supporting force control by LIECON system (optional)
- Automatic control of sliding outriggers (optional)
- Inclinometer (optional)

Performance profile of the LTM 1160/2 at a glance.
- Outstanding ranges of lifting capacities, counter-weight variants 0 t, 13 t, 23 t, 35 t and 50 t
- Robust 490 kW/664 hp LIEBHERR turbocharged Diesel engine, conform to EURO 2
- Compact and maneuverable due to 5-axle steering, smallest turning radius 10.6 m
- Electrohydraulic crane control with integrated LIECON system
- 6-section telescopic boom of utmost stability and with a new overall cross-section of outstanding torsional resistance, 20 m to 60 m long, rapid cycle telescoping system

Max. lifting capacity: 160 t at 3 m radius
Max. height under hook: 96 m with swing-away jib
Max. radius: 74 m with swing-away jib

The LTM 1160/2 - more efficient through diesel power.
Modern and powerful carrier drive.
- Carrier engine: 8-cylinder Liebherr turbo-charged Diesel engine D 9641 TE-E of 400 kW/544 hp, conform to EURO 2, robust and reliable
- Allison automatic transmission CLCT 780 with torque converter and hydrodynamic brake, electronic control, proved and well tested serial transmission, 5 forward and 1 reverse speed, rough-terrain ratio
- Max. driving speed 76 km/h, max. gradability 50%

Telescoping with approx. 50% of rated load practicable
Telescoping by rapid cycle approx. 400 s of telescopic boom from 15.3 m to 60 m

Spacious crane cab with convenient armrest-integrated control levers.
- Galvanized crane cab with tinted panes all round, front knock-out window with large parallel windshield wiper, large skylight of bullet-proof glass, with large parallel windshield wiper, roller blinds on front window and skylight, space-saving sliding door
- Cab tilts backwards hydraulically by 20°
- Operator's seat with pneumatic lumbar support
- Convenient armrest-integrated controls, vertically and horizontally adjustable and inclinable master switch console and armrests
- Heat and sound insulated internal paneling
- LIECON computer with test system

Torsional rigid telescopic boom.
- New octagonal boom cross-section of particular inherent stability
- Maintenance-free polyamide slide pads of telescopic boom
- First-rate lifting capacities, e.g.:
  - 51 t at 10 m radius
  - 19.7 t at 20 m radius
  - 10.6 t at 30 m radius
  - 6.7 t at 40 m radius
  - 4.4 t at 60 m radius
  - 2.4 t at 60 m radius
  - 1.3 t at 74 m radius

Highly comfortable driving cab.
- Galvanized driving cab over width of vehicle, with integral sound absorbing and thermal paneling, comfortably equipped
- Air-conditioned driver's seat with pneumatic lumbar support
- Steering wheel adjustable in height and inclination
- Heatable exterior mirrors
- Electric window lifters
- Standardized and ergonomically located operating and control elements

Outstanding carrier technology for road and rough-terrain.
- Weight-optimized, almost maintenance-free, made of high-tensile steel, perfect track keeping and lateral stability due to special control linkage arrangement
- The maintenance-free steering knuckles are steel and rubber mounted
- The perfected and robust axles are manufactured in large series and are trouble-free components
- The cardan shafts are maintenance-free, easy and quick fitting of the cardan shafts due to 70° diagonal locking and 4 fixing screws

"Niveamatic" suspension - preserving crane and roads.
- Maintenance-free suspension systems, free of lateral forces, protected by synthetic tubes
- Level adjustment (suspension on travelling mode) can be activated automatically by push-button control from any position
- Stable cornering ability due to double mounting of the hydropneumatic suspension
- Axle locking system (locking of the suspension for travelling with working equipment) controllable from driving cab

Liebherr components - reliable and easy-to-service.
- Carrier engine: 4-cylinder Liebherr turbo-charged Diesel engine D 9641 TE-E of 449 kW/603 hp, robust and reliable, located adjacent to crane cab, thus less noise pollution
- Slewing rim, slewing gears, winches and the axial piston variable displacement twin pumps are self-manufactured Liebherr components and are specifically matched for the application in mobile cranes
- Centralized lubrication system for slewing rim, boom bearing application and bearings of winches and lifting ram

Weight-optimized steel structure.
- Carrier crane superstructure, telescopic boom and swinging jib in light-gauge design, calculated by the FEM method, weight-optimized and of utmost torsional rigidity
- Tensile property of material with high safety factor through the application of STE 560 (960 N/mm²) for all supporting members
- Trim and covering panels of aluminum

Through advanced technology.