

# Rough Terrain Crane Type LTL 1160



**Max. lifting capacity: 160 t at 3 m radius**  
**Max. height under hook: 96 m with swing-away jib**  
**Max. radius: 70 m with swing-away jib**



## The performance profile of the LTL 1160 at a glance.

- 4-axle rough terrain mobile crane of most modern design (launch on the market in 1997), featuring outstanding off-road driving quality and first-rate lifting capacities.
- 2-engine version, carrier powered by modern, powerful Liebherr turbo-charged Diesel engine type D 9408 TI-E of 420 kW (571 h.p.), exhaust emission values acc. to EURO II; the crane is equipped with an economic Liebherr turbo-charged Diesel engine type D 924 TI-E of 149 kW (202 h.p.).
- Carrier of weight-optimized steel structure; super-structure and telescopic boom made of high-tensile fine-grained structural steel in light-gauge design, particularly torsion resistant.
- Robust travelling gear with electronic controlled Allison automatic transmission, all-wheel drive, large tyres of 29.5 R 29, all-wheel steering for excellent manoeuvrability, large overhang angles of up to 25°, max. gradability 100 %.
- High stability margin due to large supporting basis of 11.1 m x 9.3 m, fixed supporting pads of 100 cm Ø, supporting rams of 150 cm travel.
- Separate three-seater driving cab with internal sound absorbing and thermal panelling, comfortably equipped.
- Diesel-hydraulic crane drive with capacity-controlled Liebherr hydraulic pumps; slewing rim, slewing gear and winch are self-manufactured Liebherr components.
- Spacious crane cab with convenient armrest-integrated control levers; cab tiltable backwards.
- Electric/electronic crane control system with integrated LICCON computer system, four working motions can be performed independent from one another.
- LICCON system, the most modern crane computer system world-wide for informative, monitoring and control functions.
- 6-section telescopic boom of particular stability and outstanding torsion resistant oviform boom profile, 13.2 m - 60 m long; rapid-cycle telescoping system „Telematik“ with comfortable operator guidance on the monitor.
- Swing-away jib of up to 36 m length, mountable at offset angles of 0°, 15°, 30° or 45°.

# LIEBHERR

The better crane.



# Rough Terrain Crane

# LTL 1160



The Cologne Rheinbraun AG - with an output of over 100 million tons of brown coal the world's leading brown coal producer - operates the LTL 1160, the strongest rough terrain crane in the world. It is

employed for maintenance and repair work on the gigantic bucket wheel excavators and on the miles long conveyor belt systems in the brown coal district of the Rhineland at Hambach.

Subjects to modifications.

TP 268, hydro-crane

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