

# LIEBHERR

## EQUIPMENT

### **Liebherr Telescopic Mobile Crane Type LTM 1130-5.1**

Max. capacity: 155 U.S. t

## CRANE CARRIER

LIEBHERR 5-axle carrier with hydro-pneumatic NIVEAUMATIC-SUSPENSION with level adjustment. LIEBHERR diesel engine with 370 kW (503 HP), exhaust emission acc. to 97/68/EC stage 3 and EPA/CARB Tier 3, spark arrestor. Electronic gearbox. 2-speed transfer gearbox. Drive 10 x 8. Tyres 20.5 R 25. ZF-steering system - 2 circuits with active rear-axle steering, all-wheel steering, crab walk. Compressed air servo brake system - 2 circuits with disc brakes. Axles and suspension cylinders demanding low maintenance. Drives shaft maintenance-free. Spacious, dip-primed carrier cabin. Hydraulic outriggers with rigidly mounted outrigger pads and operation from both sides of carrier or from the crane cabin, illumination of supporting area. Electronic inclinometer and automatic levelling. Manoeuvring coupling at front and rear, acceptance tests of carrier.

## SUPERSTRUCTURE

LIEBHERR roller-bearing slewing ring connecting carrier and superstructure, central greasing. Diesel engine LIEBHERR with approx. 145 kW (197 HP), exhaust emission acc. to 97/68/EC stage 3 and EPA/CARB Tier 3, spark arrestor. Hydraulic system with axial-piston twin pump and geared twin pump with compound capacity control, hoisting gear, slewing gear, luffing and telescoping gear with open oil circuits, load sensing, electro-hydraulic control of crane, oil cooler. Telescopic boom consisting of the pivot section and five telescope sections, boom length 197 ft, with rapid cycle telescoping system TELEMATIK, galvanised superstructure cabin tiltable hydraulically backwards 20°, control of the outriggers from superstructure cabin. Counterweight approx. 64,460 lbs, automatic ballasting from superstructure cabin. Safety devices including LICCON overload safety indicator with electronic inclinometer (including standard program), TEST SYSTEM for servicing, wind gauge, acceptance tests of crane.

**Customer painting**

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10	Basic machine
30	Double lattice-type swing-away jib, 35' to 62', mounted to the boom at 0°, 20° and 40°
32	Hydraulic offset for the swing-away jib for infinitely variable adjustment between 0° - 40°
55	Extension of telescopic boom 46' (2 x 23'), higher pivoting point for the swing-away jib
61	Rooster sheave
63	Second winch
70	Hookblock 198,500 lbs, 5 sheaves, double hook
90	Hookblock 67,500 lbs, 1 sheave, single hook
100	Crane hook 19,400 lbs
110	Second boom head top sheave
337	Tyres 20.5 R 25 - Michelin
362	Drive 10x8
371	Rim for tyre size 20.5 R25
391	Radio with CD-player for carrier cabin
400	Air condition for carrier cabin
410	Reverse drive alarm
615	Additional counterweight 27,940 lbs (for total counterweight 92,400 lbs)
631	Radio with CD-player for crane cabin
640	Air condition for crane cabin
690	Two working floodlights at pivot section electrically adjustable (Xenon)
860	Preparation for Dolly
915	Two-colour painting
946	LICCON - Lift Planner

LIEBHERR CRANES, INC. will pay for buyer's flight and hotel accommodations at the factory in Germany to see crane on assembly line.