

Liebherr Telescopic Boom Mobile Crane Type

LTM 1220-5.2

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 6. Tyres 525/65 R 25 (20.00 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, drive shafts maintenance free. Spacious, dip-primed carrier cabin with CD-radio. Hydraulic outriggers with rigidly mounted outrigger pads, electronic inclinometer and automatic levelling. Illumination of supporting area. Acoustic reverse drive alarm. Manoeuvring coupling at front and rear. Acceptance tests of carrier.

In addition:

- Tyres 20.5 R 25
- Eddy-current brake type TELMA
- Spare wheel for tyre size 20.5 R25
- Tackle box at rear of carrier
- Supporting pressure indication
- Air condition for carrier cabin
- Fog lamp and high beam
- Emergency shutdown button for crane and carrier cabin
- Detachable outrigger beams
- Reverse Camera

CRANE SUPERSTRUCTURE

LIEBHERR roller-bearing slewing ring connecting carrier and superstructure. Central greasing. Liebherr diesel engine with 180 kW (245 HP), exhaust emission acc. to 97/68/EC stage 3 and EPA/CARB Tier 3, spark arrestor. Hydraulic system with 2 axial-piston swivel pumps with electronic capacity control for luffing and telescoping gear with open oil circuits, one axial-piston swivel pump each for slewing and hoisting gear with closed oil circuit. Electro-hydraulic control of crane. Oil cooler. Telescopic boom consisting of the pivot section and 5 telescope sections, boom length 13.3 m – 60.0 m, TELEMATIK. Galvanised and powder coated superstructure cabin with CD-radio, tiltable hydraulically backwards by 20°. Counterweight 74 t, automatic ballasting from superstructure cabin. Safety devices including LICCON overload safety indicator with electronic inclinometer (incl. standard program). TEST SYSTEM for servicing. LICCON-Lift Planner. Wind gauge. Standard acceptance tests of crane.

In addition:

- Air condition for crane cabin
- Remote diagnosis with GSM-module
- Second hoist limit switch at telescopic boom head
- 2x150W adjustable working floodlights at pivot section
- Flight warning, flashlight
- Rear window roller shade for crane cabin
- LICCON data logger incl. Lift-Analyser

ADDITIONAL EQUIPMENT

- Double lattice-type swing-away jib w/ support
- Rooster sheave, foldable to the side
- Second hoist mechanism
- Hookblock 108 t, 5 sheaves, double hook
- Hookblock 71 t, 3 sheaves, double hook
- Hookblock 31,2 t, 1 sheave, single hook
- Crane hook
- Second boom head top sheave
- LICCON lift-planer
- Seat Covers
- Engle Fridge
- Sign writing
- Crane Safe

