LTM 1500

Zusatzblatt zum technischen Datenblatt.
Supplement to technical data sheet.
Supplément au descriptif.
Multi-variable boom configuration system.

- Telescopic boom T, 16.1 m - 54 m, also with additional guying system TA
- Fixed lattice jib TF, 14 m - 63 m, mountable at 0° or 90°, also with additional guying system TAF
- Luffing lattice jib TN, 21 m - 91 m, mountable to the 16.1 m - 78.5 m long telescopic boom at an inclination of 83°, 75° and 67°, also with additional guying system TAN
- Intermediate sections of the TF and TN configuration are identical and can be slid into one another for transportation
- Jib A-frames with T-adapter and N-base section form a complete mounting/transport unit and can be mounted with 4 pins only
- Easy-to-rig stay rods which remain on the intermediate sections during transportation
- Standard auxiliary winch for easy reeving of the hoist and luffing ropes
- Rigging of the jib is practicable in suspended condition on restricted sites
- Winch 2 for 2-hook operation or for operation with mast nose
- Winch 3 for luffing of the jib
- Hinged boom head which can be pinned to telescope 2 or 3; substitute for the 50/84 m boom head section, providing immediate readiness for crane operation for the supporting and ballasting procedure
1 Input/output modules for electronic control of suspension, Liebherr Diesel engine, automatic transmission, operating functions, compressed air control for brake function
2 Input/output module for differential locks, display functions
3 Input/output module for outriggers - right
3a Control unit for outriggers - right
4 Input/output module for outriggers - left
4a Control unit for outriggers - left
5 Input/output module for engine brake, temperstat, tempeset, electronic control of Diesel engine (steering column switch, right) and automatic transmission
6 Control of Allison automatic transmission
7 Control of injection pump Liebherr Diesel engine/crane
8 Slewingsensor slipring unit
9 Connection Liebherr system bus (LSB 1, 2, 3, 4, 5, 6)
10 LICCON central unit
11 LICCON monitors in the crane cabin
12 Length sensor
13 Cable drum/energy cable for interlocking gripper/telescopic boom
14 Inductive sensors (12 x)
15 Angle sensor on the base section
16 Cable drum for items 17, 18, 19 and jib
17 Wind sensor
18 Hoist limit switch
19 Angle sensor
20 Input/output module for electronic control of Diesel engine/superstructure, air flap, ventilator clutch, exhaust flap
21 Control of injection pump Liebherr Diesel engine/superstructure
Comfortable driver's cabin of outstanding functionality.

- Modern and comfortable driver's cab of high functionality and convincing design
- Heat and sound absorbing internal paneling
- Ergonomically arranged operating and display elements for safe and convenient handling at permanent operation
- Digital display and keyboard units interconnected with the functional blocks by data bus technique
- Air-cushioned driver's and co-driver's seats, headrests, driver's seat with pneumatic lumbar support
- Height and inclination adjustable steering wheel
- Heated and electrically adjustable rear mirrors
- Side panes with electrical lifters
- Engine independent auxiliary warm water heater "Thermo 90"
- Safety belts for driver and co-driver
- Green-tinted windows for heat absorption
- Automatic windscreen washers/wipers with intermittent control
- Delayed disconnection of interior lighting
- Various racks and boxes for crane documentation, etc.
- Optional equipment
  - Air conditioning, seat heating, 3rd seat with headrest, sleeper berth, cassette radio