The new 100-tonner with highlights offered by Liebherr.

- 6-section, 52 m long telescopic boom for 52 m height under hook
- biparted, 10.5 m - 19.0 m long swing-away jib for 72 m height under hook, mountable at 0°, 20° or 40°
- 11.4 t safe working load on the 56 m long telescopic boom (with 35 t counterweights)
- proven, extremely rigid boom profile for high lifting capacities
- proved rapid-cycle telescoping system "Telematik" for the automatic extension of the boom to the desired length
- high lifting capacities with 38 t total counterweight, rapid ballasting procedure with "keyhole" system
- electrically pilot-controlled load sensing system, 4 superimposable working motions, working speeds preselectable by steps
- comfortable crane cab, tiltable backwards by 20°
- self-manufactured hoist winches with 98 kN line pull and 130 m/min line speed
- LIGCON system - a Liebherr design - the most modern, programmable computer system worldwide for the control and monitoring of mobile cranes
- outstandingly compact, 5-axle carrier with 10 x 8 drive (optional) and 4 axles steered
- operating weight 69 t (5 x 12 t axle load)
- incl. 11 t - 15 t counterweight
- "Niveaumatik", the crane and road preserving suspension system
- electric and electronic components interlinked by the most modern data bus transmission technique which distinctively contributes to an increase in functionality and efficiency (LSP = Liebherr System Bus)
- for the carrier drive: Liebherr turbo-charged Diesel engine of 499 kW output, exhaust emission acc. to EURO 3, ZF 16-speed gear box with AS-Tronic
- for the crane drive: Liebherr turbo-charged Diesel engine of 149 kW output
- driving cab with ergonomic cockpit and functional design

Mobile crane type Typ LTM 1100/2

scopes - a module of the successful
The 120-tonner with highlights offered by Liebherr.

- 6-section, 56 m long telescopic boom for 56 m height: under hook
- 5-section, 11.9 - 28 m long swing-away jib for 54 m height under hook, mountable at 0°, 15°, 30° or 45°
- 12.6 t safe working load on the 96 m long telescopic boom
- Overform, extremely rigid boom profile for high lifting capacities
- Proved rapid-cycle telescoping system "Telematik" for the automatic extension of the boom to the desired length
- Variable application spectrum with 35 t, 35 t, 15 t or 7 t counterweight
- Electrically pilot-controlled load sensing system, 4 superimposable working motions, working speeds preselectable by steps
- Comfortable crane cab, tiltable backwards by 20°
- LICCON system - a Liebherr design - the most modern, programmable computer system worldwide for the control and monitoring of mobile cranes
- Extremely compact, 5-axle carrier with all-wheel steering
- Operative weight 60 t (0 x 12 t axle load), incl. 7 t counterweight
- "Niveauomatik", the crane and road preserving suspension system
- Variable supporting basis with LICCON supporting force indication andclinometer (optional)

- 33.5 m
- For the carrier drive:
  - Liebherr turbo-charged Diesel engine of 409 kW output,
  - Exhaust emission acc. to EURO 2,
  - Allison automatic transmission

- 120 kW output

Mobile crane type LTM 1120/1

The "Telematik" system - the fully aut with the LICCON computer.
The 160-tonner with highlights offered by Liebherr.

- 6-section, 60 m long telescopic boom for 60 m height under hook
- 4-section, 12.6 - 26 m long swing-away jib for 96 m height under hook, mountable at 0°, 15°, 30° or 45°
- 15 t or 15.8 t safe working load on the 60 m long telescopic boom (with 50 t or 60 t counterweight)
- (m) extremely rigid boom profile for high lifting capacities
- proved rapid-cycle telescoping system "Telematic" for the automatic extension of the boom to the desired length
- variable application spectrum with 50 t, 35 t, 25 t, 11 t or 0 t counterweight
- diesel-hydraulic crane drive with 2 variable displacement pumps, closed oil circuits for hoist gear and slewing gear, open oil circuits for jibing and telescoping, electronic crane control
- comfortable crane cab, tiltable backwards by 90°
- LICCON system - a Liebherr design - the most modern, programmable computer system worldwide for the control and monitoring of mobile cranes
- extremely compact, 5-axle carrier with all-wheel steering
- operative weight 60 t (6 x 12 t axle load)
- "Nivesanomatik", the crane and road preserving suspension system
- variable supporting basis with LICCON supporting force indication and inclinometer (optional)
- or the carrier drive: Liebherr turbo-charged Diesel engine of 400 kW output, exhaust emission acc. to EURO 4
- Allison automatic transmission for the crane drive: Liebherr turbo-charged Diesel engine of 120 kW output
- driving cab with ergonomic cockpit and functional design

Mobile crane type Typ LTM 1160/2

omatic telescope control
The new 300-tonner with highlights offered by Liebherr:

- 5-section, 60 m long telescopic boom for 60 m height under hook
- Max. 3 t safe working load on the 60 m long telescopic boom
- 21 m long biparted swing-away jib, 10.5 m - 70 m long, fixed or luffing jib, auxiliary jibs also in conjunction with the guyed telescopic boom for increased lifting capacity
- Optimized, oviform boom profile with continuous curvature of the lower shell, improved hooking resistance, particular high stability, also in the lateral neutral axis, extremely torsion-resistant system, particularly designed for long auxiliary jibs
- Proven rapid-cycle telescoping system "Telematik" for the automatic extension of the boom to the desired length
- Variable application spectrum with 119.5, 87.5, 75, 60 or 55 t counterweight, hoist gear 5 and 3 pinned to the counterweight base frame, very easy mounting procedure
- Diesel hydraulic crane drive with 3/4 variable displacement pumps, closed oil circuits for hoist gear, steering gear and jib luffing winch, open oil circuits for luffing and telescoping, electronic crane control
- Spacious, comfortable crane cab, tiltable backwards by 90°, modern interior design, crane cab is swivelled to the rear for road transport
- Up to 5 self-manufactured hoist winches of 105 kN line pull and 150 m/min rope speed
- LICCON computer system with new high-performance central unit (96 bit computer)
- Compact, 5-axle carrier, variable drive/steering concept 12 x 8 x 10 (optional)
- Operative weight 73 t (6 x 19 t axle load)

"Niveauomatik": the crane and road preserving suspension system, fully automatic levelling of the crane during the supporting procedure by means of push-button control

Interlinkage of the electric and electronic components of the carrier and crane by means of modern data bus transfer techniques (LSB - Liebherr System Bus), distinctive increase of functionality and efficiency

For the carrier drive, Liebherr turbo-charged Diesel engine of 440 kW output, exhaust emission NOx E URO 2, electronic engine management with data bus technique, Allison automatic transmission with electronic transmission management for the crane drive, Liebherr turbo-charged Diesel engine of 160 kW output (IMO 3), installed crossways to the driving direction, electronic engine management by data bus technique

Driving cab with ergonomic and functional design

Mobile crane type LTM 1300/1

Innovative crane operator's cabin of comfort and aesthetics.
The 500-tonner with highlights offered by Liebherr.

- 7-section, 84 m long telescopic boom for 84 m height under hook
- 4-section, 50 m long telescopic boom for 50 m height under hook
- Fixed or luffing jib of 18 m - 81 m, also in conjunction with the guyed telescopic boom for increased lifting capacity, max. under-hook height 140 m
- 32.8 t safe working load on the 84 m long telescopic boom
- 37 t safe working load on the 78.6 m long, guyed telescopic boom
- orifices, wide boom profile of outstanding stability, also in the neutral axis, system of extreme torsional rigidity, particularly designed for long auxiliary jibs, internal interlocking system of telescopes
- proved rapid-cycle telescoping system "Telematic" for the automatic extension of the boom to the desired length
- variable application spectrum with 160 t, 180 t, 120 t, 90 t, 60 t or 30 t counterweight
- diesel-hydraulic crane drive with 8 variable displacement pumps, electronic control, closed oil circuits for hoist gear, traveling gear and jib luffing winches, open oil circuits for luffing and telescoping
- spacious, comfortable crane cab with new interior design, tiltable backwards by 20°, the crane cab must be swivelled to the rear for road transport
- 3 self-manufactured hoist winches of 166 kN linepull and 130 or 150 m/min rope speed
- LICCON system - a Liebherr design - the most modern, programmable computer system worldwide for the control and monitoring of mobile cranes
- compact, 8-axle carrier, drive/steering 16 x 8 x 16 (optional)
- operative weight 94 t (0 x 12 t axle load), incl. 50 m long telescopic boom
- "Neumatic", the crane and road preserving suspension system
- interlinkage of the electric and electronic components of the carrier and superstructure by modern data bus transfer technique (Liebherr System Bus), distinctive increase of functionality and efficiency
- for the carrier drive:
  - Liebherr turbo-charged Diesel engine of 440 kW output, exhaust emission acc. to EURO 3, electronic engine management with data bus technique for the engine drive.
  - Liebherr turbo-charged Diesel engine of 440 kW output, electronic engine management by data bus technique
- driving cab with ergonomically and functional design

Mobile crane type LTM 1500

utstanding functionality