

## LC 500 SERIES



### CONCLUSIONS:

- *Simpler storage and transport*
- *Economical, simple erection*  
*less hours; lower assist crane costs*
- *Sequential erection/dismantling of jib-modules*
- *Smaller height distance between two overlapping cranes*
- *Modular compatibility with NT-Series of towers, anchor stools and hoist mechanisms.*
- *Safer erection /maintenance*

*technology for professionals...*



## LC 500 SERIES



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25 years after the first LINDEN 8000 Modular Series cranes, LINDEN COMANSA continues the development of flat top cranes and is proud to present today its latest crane range, the LC 500 Series.

The launching of the LC500 Series is introducing the latest crane technology.

This new range of FLAT-TOP cranes consists of four new models with jib lengths from 35 meters up to 50 meters with a maximum jib-end load of one tonne.

All models offer the possibility of maximum load capacity 4000 or 5000 kg.

MODELO	JIB LENGTH MAX. MIN.	MAX. LOAD		JIB END LOAD	
		TWO FALLS	TWO FALL/ FOUR FALL	TWO FALLS	TWO FALL/ FOUR FALL
5 LC 3510	35 m / 20 m	2000 kg	4000 kg	1000 kg	900 kg
		2500 kg	5000 kg		
5 LC 4010	40 m / 20 m	2000 kg	4000 kg	1000 kg	900 kg
		2500 kg	5000 kg		
5 LC 4510	45 m / 20 m	2000 kg	4000 kg	1000 kg	900 kg
		2500 kg	5000 kg		
5 LC 5010	50 m / 20 m	2000 kg	4000 kg	1000 kg	900 kg
		2500 kg	5000 kg		

**CONTINUITY AND MODULARITY OF TOWER SYSTEM**

LINDEN COMANSA remains faithful to the modular system of all tower and base components.

The modules of the LC 500 are easy transportable in 1,2 x 1,2 m., mono-block sections.

Adapter frames available to ensure compatibility with standard tower modules of the LC 1000 and LC 2100 series, allowing even greater heights than those of the basic system.



**“FLAT-TOP” PROFITABILITY:**

Reduced interference between adjoining cranes

The flat top design permits a smaller height distance between two cranes overlapping each other on a building site.

Reduced height difference means lower costs for the tower structure, transport and erection.

Better transmission of forces: cantilever jib structure lengthens useful life of jib. FLAT-TOP system reduces fatigue in the jib due to upper member being in tension and lower members in compression, avoiding alternating stresses.

Easier and safer erection, transport and stocking.

Slewing and hoisting units built into “cat-head”.

**MODULAR JIB:**

Jib lengths from 20 up to 50 meters maximum, in 2.5m increments, Better site coverage!

Standardized pins

Improved safety during erection, easy access and walkways along the entire jib. Iron-worker always on fixed structure during assembly procedure.

**VERSATILITY OF JIB ASSEMBLY**

Flat top design simplifies jib-assembly. The jib can be erected in one piece or module-by-module, as space and assist crane permit, often straight off the truck! Less time, less manpower, smaller assist crane, lower costs...

**MODERN MECHANICAL SYSTEMS AND STRUCTURES**

Integrated turntable  
Counterweight with auto-blocking slab system  
Floating Hoist pulley  
Automatic trolley cable tensioner (optional)

**MOTORS**

Frequency-controlled hoisting and trolley mechanism (optional)  
New trolley mechanisms  
More slewing power  
Slewing motor protected with forced ventilation system.

**NEW ELECTRICAL SYSTEMS**

One touch, remote controlled, weather-vane slew mechanism  
Radio-control and frequency inverter (optional)

**EASY TRANSPORT AND STOCKING**

- Mast pins and retainers pre-located at plant - no longer in separate box
- Painted rest platforms pre-assembled on mast sections
- Counter-jib tie bars, jib end, all pre-assembled

