



# NEW GENERATION OF LUFFING- JIB CRANES

**LCL560**  
LUFFING-JIB CRANE



## LCL560 / LCL800 LUFFING-JIB CRANES

As construction projects evolve, the demand for **larger and heavier lifting capacities** continues to grow. In response, **COMANSA introduces the new LCL560 and LCL800 luffing-jib cranes**, designed to deliver **exceptional lifting power and operational efficiency**. Built in compliance with European Standard EN 14439, these cranes offer a **seamless combination of high performance and operator comfort**, setting a new industry benchmark.

## HIGH PERFORMANCE

COMANSA's luffing-jib cranes are increasingly in demand for high-rise construction projects in congested urban areas. To meet the high-performance material handling needs of these sites, the new **Comansa luffing-jib cranes** are equipped with **state-of-the-art frequency-controlled drives for all movements**.

With COMANSA's frequency control system, these cranes achieve maximum speed with any permissible load while also allowing for ultra-low speeds in positioning mode. The system enables movement through the zero point without applying the brake, ensuring precision and smooth operation. Additionally, the adaptive control lever automatically adjusts its full range according to the given load, **enhancing both efficiency and ease of use**.

# EASY ASSEMBLY WITH FAST CONNECTIONS

Installation efficiency is a priority in the design of the LCL560 and LCL800. To streamline assembly, the connections of the cabin platform, access platforms, and structural elements now feature guiding and support elements, **making installation faster, safer, and more reliable.** This **enhanced connection system** improves **work safety** during both **installation and dismantling.**

# PRE-INSTALLED LUFFING ROPE SYSTEM

These new models also incorporate a **pre-installed luffing rope system,** enabling **faster installation and minimal downtime.** The crane is delivered fully equipped from the factory, with all reeving for the luffing mechanism already installed on the pulley blocks. This innovative pre-mounted system ensures that during dismantling, the reeving remains intact, allowing for **quick and hassle-free reinstallation in future operations.**



SPECIFICATIONS	LCL560	LCL800
Max. capacity	36 t / 79,370 lb	50 t / 110,230 lb 64 t / 141,090 lb
Easy reeving change (1/2 falls)	18 t / 39,680 lb	25 t / 55,120 lb 32t / 70,550 lb
Jib length	30 - 65 m / 98,4 - 213.3 ft	30 - 65 m / 98,4 - 213.3 ft
Jib length possibilities	Every 5 m / 16.4 ft	Every 5 m / 16.4 ft
Min. radius	4 m / 13.1 ft	4 m / 13.1 ft
Max. jib-end load	5.1 t / 11,240 lb	7.5 t / 16,530 lb 7.2 t / 15,870 lb
Hoisting mechanism	65kW / 110 kW	132 kW / 200 kW