

ERGONOMIC CONTROLS IN COMFORTABLE AND FULL-VIEW CABIN



- 1 Full view of the lifting loads and work site.
- 2 Electronic monitoring system displaying all operating information at once.
- 3 Noise-, dust-, rust-, and rain-insulated cabin.
- 4 Joystick lever controls with dead-man switch.
- 5 Standard Air-conditioning for heat and cool to maximize comfort.
- 6 Full suspension seat with wide range of adjustment.
- 7 MP3 and FM/AM radio and cassette as standard.
- 8 Windshield wiper system.
- 9 Hi-Lo adjustable sun-shade.
- 10 220Vac power socket inside cabin.



LOAD MOMENT INDICATOR SYSTEM



- 1 Real time display monitor and load moment indicator are applied as standard to prevent collapse of Tower Crane and provide all necessary information to crane operator in real time.

MOTORIZED GREASING SYSTEM AS STANDARD

- 1 The system will extend life cycle of slewing bearing.



ANEMOMETER AND AIRCRAFT WARNING LIGHT AS STANDARD



- 1 Real-time wind speed measured by anemometer is displayed for operator in the cabin.
- 2 Aircraft warning LED light with solar sensor.

PROTECTED CONNECTORS INSIDE CONTROL PANEL



- 1 All cable connectors to controllers are located inside the stainless cage provide complete protection for electronic system from water and dust.

INTELLIGENT MOTION CONTROL WITH LEVEL LUFFING FUNCTION

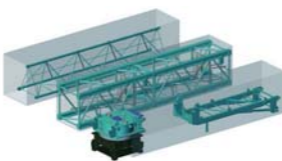


- 1 Level luffing function allows a luffing jib crane to perform a horizontal load movement similar to that of a hammer head crane with a trolley jib.
- 2 Level luffing control unit automatically resets the hoist gear so that the hook moves horizontally, which is a crucial advantage for assembly and concreting tasks.

QUICK ASSEMBLY AND FRIENDLY TRANSPORT



- 1 Pre-assembled on the ground or in the factory enables to lessen lifting work at job site.
- 2 The entire part is well laid out in 40' HQ containers for loading.



POSSIBLE OPTION AND MORE

- 1 Internal Climbing system.
- 2 Working Recording & Zoning system.
- 3 Hoist safety brake.

* Specifications contained in the catalogue may be changed without prior notice for improvement of quality and performance.



TOWER CRANES LUFFING CRANES

ED580L-24
ED740L-32

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TOWER CRANES

LUFFING CRANES

ED580L-24
ED740L-32



- 1 Greater hook height and more rapid hook speed
 - Max. Mast Height 510.2m
 - Hook moves up at 169m/min and more(ED580L-24)
- 2 Jib combinations
 - Jib length starts from Min. 30m and extendable to Max. 60m by adding 10m jib module.
- 3 Free standing mast height
 - Free standing mast height is 54m(ED580L-24), 66m(ED740L-32)

OPTIMAL PERFORMANCE FOR HIGH-RISE BUILDING PROJECTS

FREQUENCY-CONVERTER HOIST DRIVE SYSTEM



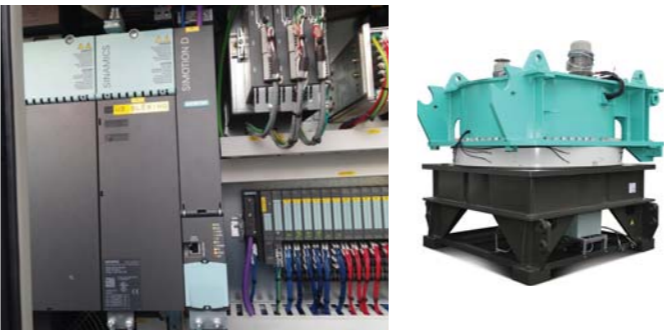
- 1 Most-reliable German made hoist drive system consist of ;
 - SIEMENS Electric Motor with dust & water protection rating IP55.
 - Durable German gear unit with thruster brake and safety brake.(option)
 - Trouble-free SIEMENS Vector Frequency Converter.
- 2 Hoist speed is continuously adjustable and optimizable responding to actual lifting load.
- 3 Smooth and step-less speed variation and micro speed control from zero speed.

FREQUENCY-CONVERTER LUFFING DRIVE SYSTEM



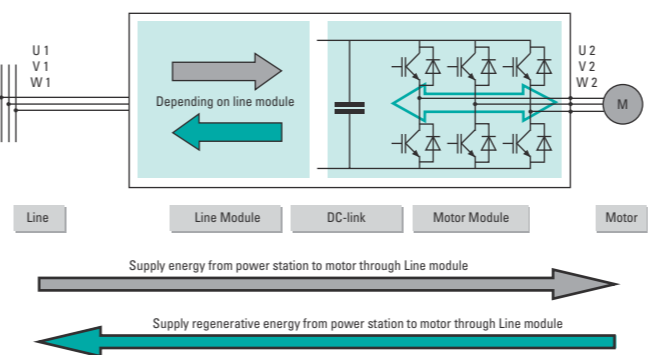
- 1 Most-reliable German made luffing drive system consist of ;
 - SIEMENS Electric Motor with dust & water protection rating IP55.
 - Durable German gear unit with thruster brake and safety brake.
 - Trouble-free SIEMENS Vector Frequency Converter.

FREQUENCY-CONVERTER SLEWING DRIVE SYSTEM



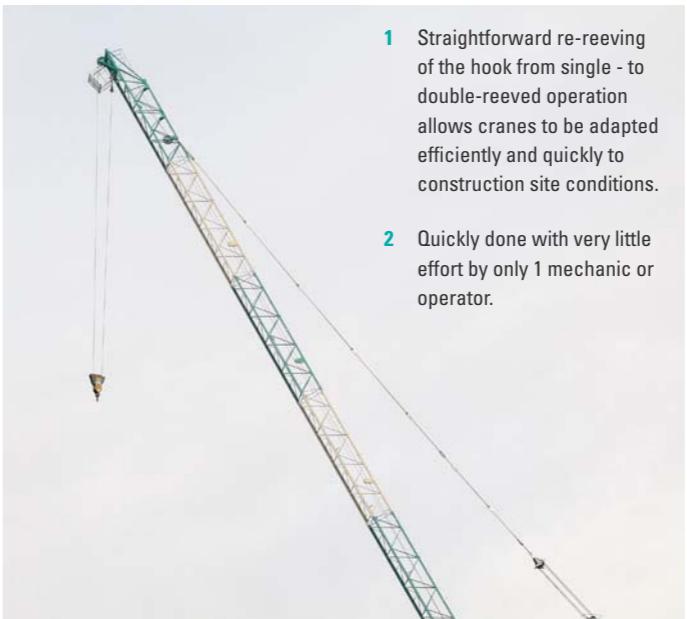
- 1 Powerful, and Jerk-Free slewing drive system consist of ;
 - 2 sets of SIEMENS Electric Motor with dust & water protection rating IP55 accompanied by most reliable gear unit.
 - Trouble-free SIEMENS Vector Frequency converter.
- 2 Jerk-free slewing at anyspseds, continously variable speed control by step-less controller.
- 3 Able to place a jib at any desired position without sway.

ENERGY SAVINGS OF MORE THAN 40% - REGEN BRAKING SYSTEM



- 1 Thanks to the Regenerative Braking technology of SIEMENS Frequency Converter, electric energy generated when braking is fed back into the power line instead of being wasted as heat into the air.
- 2 49% energy saving enhanced; tested at the condition of mast height 60m.

EASY AND FAST 1/2-FALL CHANGE DONE BY 1 OPERATOR



- 1 Straightforward re-reeving of the hook from single - to double-reeved operation allows cranes to be adapted efficiently and quickly to construction site conditions.
- 2 Quickly done with very little effort by only 1 mechanic or operator.

FAST, TROUBLE-FREE AND SAFETY CLIMBING



- 1 Two hydraulic ram raises the upper portion of the crane in a perfect balance.
- 2 Four climbing stages permits the insection of a 6m mast section.
- 3 Pivoting hook and mobile beam are easily maneuvered by one operator at a fixed place, hence fast, trouble-free and safe climbing is guaranteed.

ROBUST TOWER MAST SECTIONS FOR LONG LIFE, EASY CONNECTION



- 1 Enhanced durability of ladders and platforms with assembly type Zinc Hot Dip Galvanized ladders and platforms.
- 2 High strength bolts having ISO tensile strength grade 12.9
- 3 Easy to erect and dismantle compared to the pin assembly type.
- 4 Processed flange with 4 bolts at each corner posts with zero joint clearance.
- 5 Bolt holder for easy and safe storage.

DURABLE SLEWING BEARING



- 1 High quality, France ROLLIX-made slewing bearing as standard.
- 2 Ultra-hardened, precisely machined components such as bearings, run-way, and teeth guarantee a longer life.
- 3 16-point greasing ports as standard.