

KATO

**FULLY HYDRAULIC
TRUCK CRANE**

NK-135E

Lifting Capacity **13.5t**



KATO WORKS CO., LTD.

KATO NK-135E

FULLY HYDRAULIC FULL SLEWING TRUCK CRANE

Maximum lifting capacity: 13.5 tons

Maximum boom length : 28m (with fly jib)

"FULLPOWER" BOOM SYSTEM

Boom is rugged and easy to function.

- A single lever action of the nicely balanced three stage boom is easily extendable and retractable in the range of 9m to 21m so that various limited field operations such as steel frame and pre-fab constructions and etc., can be performed efficiently and safely.
- Single rope work is easily done with the rooster sheave equipped at the top of the boom while the fly jib is folded under the boom.

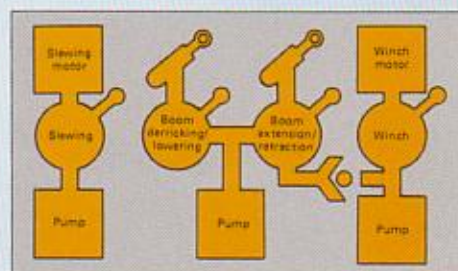
HIGHLY EFFICIENT PERFORMANCE

Three pumps independent system.

Three simultaneous operations.

- Three operations are slewing, load hoisting-lowering and boom derricking or boom telescoping.

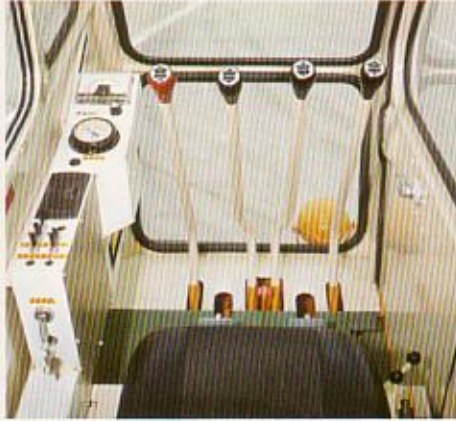
They can be performed using three powerful hydraulic pumps and special hydraulic system to get remarkably improved and efficient crane work.



DELUXE OPERATOR'S CAB

Splendid Cab Comfortability.

- The cab-room is designed on human-engineering not to cause operator's fatigue even after an extended work time.
 - The surroundable glazed tempered-glasses have broad view and crane-work can be easily performed regardless of any type of weather.
- The laminated blue glass on the ceiling intercepts heat and absorbs ultraviolet ray.



- The ceiling has a wiper and the windshield has a large sturdy wiper to assure the convenient and safe work.
- Levers, gauges and instruments are nicely and conveniently arranged in the easiest location so that the operator needs only to slight glance at anyone of them while operating the crane.
- Heater is optional.

FREE SPEED CHANGE FROM SUPER-LOW SPEED TO HIGH SPEED FINE SPEED CONTROL

Powerful Feromatic Winch.

The fine adjustable speed control allows you to move the load to any level without jerking it.

- Since the winches contain the flow control system, the speed can be controlled easily regardless of load weight. And main and aux. winches have the powerful non-step function from super-low to high speed.
- The automatic brake functions automatically, whenever the control lever is in the neutral position. The free fall is activated using the free fall pedal and improves the efficiency of the work remarkably. Also, the safety structure is equipped, including the counter balancing valve and the grooved drums, to prevent danger and to assure safe and accurate work.



STABLE AND SMOOTH SLEWING

- There is a unique hydraulic circuit to rotate the crane smoothly without speed fluctuations and even while performing other operations simultaneously.
- Shocks at starting and at stopping are absorbed by functioning of the brake valve so that slewing is fine and fluent.
- A shock due to a counter lever action, is also absorbed to assure safety work.



STABLE OPERATION OUTRIGGERS OF STRONG STRUCTURE

- Wide spread, H-type configuration and rugged box structure assure safe and reliable work.
- Since the vertical cylinders have long stroke and are controllable independently, the crane can be set horizontal seeing the level gauge.

