

KATO NK-110H

**FULLY HYDRAULIC
TRUCK CRANE**

Lifting Capacity **11t**



**KATO WORKS CO., LTD.
TOKYO**

KATO NK-110H

FULLY-HYDRAULIC FULL-SLEWING TRUCK CRANE

Maximum lifting capacity: 11 tons
Maximum boom length : 26m(with jib)



Outstanding boom capability

Each part of three section boom hydraulically extends or retracts simultaneously and equally ("Full-Power"®), by single control lever action within the range from 8m to 20m length. This boom action also allows the light boom head and more lifting capacity than any other competitive cranes in same class.

Boom derricking

This operation is controlled by the derricking cylinders. The unique placement of these cylinders allows the machine a much wider range of application, and a much greater derricking angle ($-6^{\circ} \sim 75^{\circ}$). One of the derricking cylinders is fitted with a balancing valve, which allows quick derricking, and locks in the event of a hydraulic failure.

Winches

Main and auxiliary winches are driven by high-torque hydraulic motor, having brakes and clutches. This mechanism enables the safe operation of "Power Lowering" and "Free Fall" of the hook.





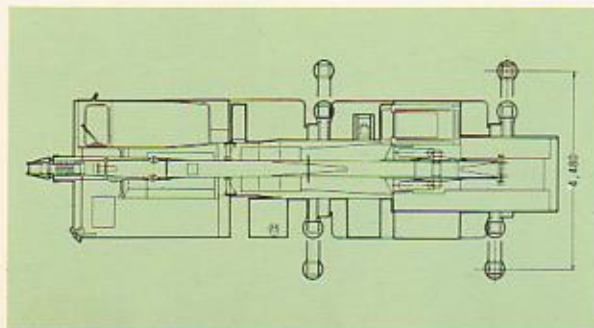
Operator's cab

Provided with safety glass in all windows and all necessary control levers, gauges, instruments, etc. are well arranged at convenient location for the operator. Optional cab heater is available.



Rugged outriggers

H-type outriggers can be extended enough to provide a highly stable and wide-span base at both sides, ensuring a great resistance to occasional sudden shock that might be



given to the truck body during crane work.

Further, extension of the outriggers at both side is freely adjustable depending on the jobsite conditions, making it possible to do work smoothly even in narrow places.

Automatic safety cut-out (ACS)

An indicator shows continuously both the rated allowable load and the actual lifting status along the boom length and working radius. For a safe operation, a buzzer warns of the danger as soon as the crane operation reaches any overload status, and then the hydraulic

power is cut off automatically in the event of dangerous excess. This device is an optional attachment and can be installed by the customer's request.