POWERFUL NEW 60 tons Truck crane. Easily use it in large scale constructional work! The KATO WORKS, CO., has many distinguished achievements of safety features and services in the technical developments of ALL truck cranes. Now, the NEW NK-600, 60 tons KATO truck crane includes the latest and easiest of safety operational functions from many years of research and experiences for your benefit and profits. This NEWEST of 60 tons truck crane of an unprecedented unique design, has the newest hydraulic mechanism and a uniquely more safe and more comfortably designed structure for the operator’s convenience and safety. Its NEW POWERFULNESS is carefully blended with complete safety and superior functions that you will be proud to own and operate it. So, use this KATO wonderful and safe NK-600, 60 tons NEW powerful truck crane of improved efficiency and reap a profit. We are confident that it will fulfill your expectations!
SUPERSTRUCTURE SPECIFICATIONS

CRANE PERFORMANCE
Rated lifting capacities: 60t x 12m (12m boom)
40t x 18m (18m boom)
30t x 24m (24m boom)
22t x 30m (30m boom)
16t x 36m (36m boom)
10t x 42m (36m boom + 9.5m Jib)
6t x 42m (36m boom + 15m Jib)

NOTE: Over side and rear with outriggers
Stability factor = (Rated load / Maximum allowable load) x 100 = 78%

CARRIER
Maximum traveling speed: 66.5 km/h
Gradeability (tan #): 26.8% (computed, G.W. = 51,500kg)
Minimum turning radius: 13m

GENERAL DIMENSIONS
Overall length: approx. 14,080mm
Overall width: approx. 2,750mm
Overall height: approx. 3,900mm
Wheel base: 5,750mm
Treads: Front: 2,290mm
Rear: 2,000mm
Overall width with outriggers extended:
Center to center: 6,800mm
Gross weight: approx. 51,500kg

CRANE
Maximum rated lifting capacity: metric tons
Boom length: 12m - 36m (4 section fullpower)
Fly jib length: 9.5m - 15m (2 section)
Boom derrick angle: -15° - 80°
Boom derrick time: 50sec. (15° - 80°) High
100sec. (15° - 90°) Low
Boom telescoping speed: 0.2m/sec.

WIRE ROPE FOR HOISTING
Main hoist: Type: 8 x F (29) I.W.R.C.
Diameter: 22mm
Length: 300m
Auxiliary hoist: Type: 6 x F (29) I.W.R.C.
Diameter: 22mm
Length: 115m

HYDRAULIC SYSTEM
Hydraulic pump: 3 section gear type
Hoisting motor: Axial piston type
Swinging motor: Radial piston type
Cylinder: Double acting type
Control valve: 3 position 4 way double acting with integral check, and relief valves
Fluid reservoir capacity:
Crane cab:
Safety devices:

CARRIER SPECIFICATIONS

Maker: Mitsubishi Motors Corp.
Model: K600L
Engine:

Axles:
Front: Reverse "ELLIO" type
Rear: Fully floating type
Steering:
Left hand steering, Ball nut type with power booster
Suspension:
Front: Semi-elliptic leaf springs with shock absorber
Rear: 1st: Hydro-Pneumatic Suspension 2nd & 3rd: Torsion bars and spring

Brake:
Service brake:
2 circuit air over hydraulic brake, acting on wheels, internal expanding type
Emergency brake:
Acting on 3 rear wheels, spring loaded brake, variable air operated

Auxiliary:
Exhaust brake

Electric system:
24V
Battery:
12V - 120AH x 2

Fuel tank capacity: 300l

Driver's cab:
All steel welded construction

Tire size:
Front: 12.00 - 24 - 18PR
Rear (dual tires): 12.00 - 24 - 18PR (2nd & 3rd)
Rear (single tire): 12.00 - 24 - 18PR (1st)