



Kato Super75R (NK75-v2) 7.0t Hydraulic Truck Crane

SPECIFICATION

CRANE SPECIFICATION

Name	7 Tonne Truck Crane
Model	Kato NK75-v2 Fully Hydraulic Truck Crane
Crane Performance	
Rated Lifting Capacity	7.0 Tonne @ 2.5m 6.65m Boom 4.9 Tonne @ 3.5m 11.60m Boom 3.9 Tonne @ 3.5m 16.55m Boom 2.0 Tonne @ 5.0m 21.50m Boom 1.3 Tonne @ 7.0m 6.65m Boom - 21.5m Boom + Rooster Sheave With Outriggers] With Outriggers
Boom Length	6.65m (Retracted) 21.50m (Full Extension)
Maximum Lifting Height	21.80m (Boom) 22.10m (Rooster Sheave)
Hoisting Rope Speed	
Main	54m/min (Low Speed) 110m/min (High Speed) (4 th Layer)
Auxiliary	44m/min (Low Speed) 90m/min (High Speed) (2 nd Layer)
Hook Speed	
Main Hook	9.0m/min (Low Speed) 18.3m/min (High Speed) (6 Ropes) (4 th Layer)
Auxiliary Hook	44.0m/min (Low Speed) 90.0m/min (High Speed) (1 Rope) (2 nd Layer)
Boom Extension Speed	14.85/40 sec
Boom Hoisting Angle	-6° ~ 80°
Boom Lifting Time	-6° ~ 80°/20 sec
Slewing Speed	2.5 rpm
Wire Rope	
Main	IWRC 6×WS(26) ø10×120m Non-Rotating Type
Auxiliary	IWRC 6×WS(26) ø10×50m Non-Rotating Type
Hydraulic System	
Oil Pump	3 Section High-Pressure Gear Pump
Hoisting Oil Motor	Axial Plunger Type
Slewing Oil Motor	Inscription Gear Type
Control Valve	Multiple Automatic Return Type (with Flow Regulating Valve with Pressure Compensation and Unloading Valve)
Cylinder	High-Pressure Double Acting Type
Oil Reservoir Capacity:	120 litres
Upper Slewing Body and Structure	
Hoisting Device	Oil Motor Drive Spur Gear Speed Reduction Type (with Automatic Brake Device • Free Fall Device) 2 Axles 2 Drums
Slewing Device	Oil Motor Drive Planet Gear Speed Reduction Type
Slewing Circle	Ball Bearing Type
Boom Hoisting Device	Hydraulic Cylinder Direct Push Type
Boom Extension Retraction Device	Hydraulic Cylinder and Wire Rope Combination Type
Outrigger Device	Hydraulic Vertical Support Type
Front Jack	Hydraulic Type
Safety Devices	
	ACS (with Fully Automatic Overload Protector • Voice Alarm Device), Boom Free Fall Prevention Device, Overwinding Protector, Drum Hold Safety Device, Automatic Brake Device, Hydraulic Safety Valve, Outrigger Lock Device, Angle Indicator, Front Jack Overload Warning Device, Slewing Brake Device, Outrigger Extension Width Automatic Detector, Slewing Warning Light, Drum Revolution Detector
Standard Equipment	Crane Driver's Cab Heater, Crane Driver's Cab Fan, Crane Driver's Cab AM/FM Radio with Clock