

# KP610 Hook Lift

AMERICAN  
HOOK LIFT  
By **PAC**

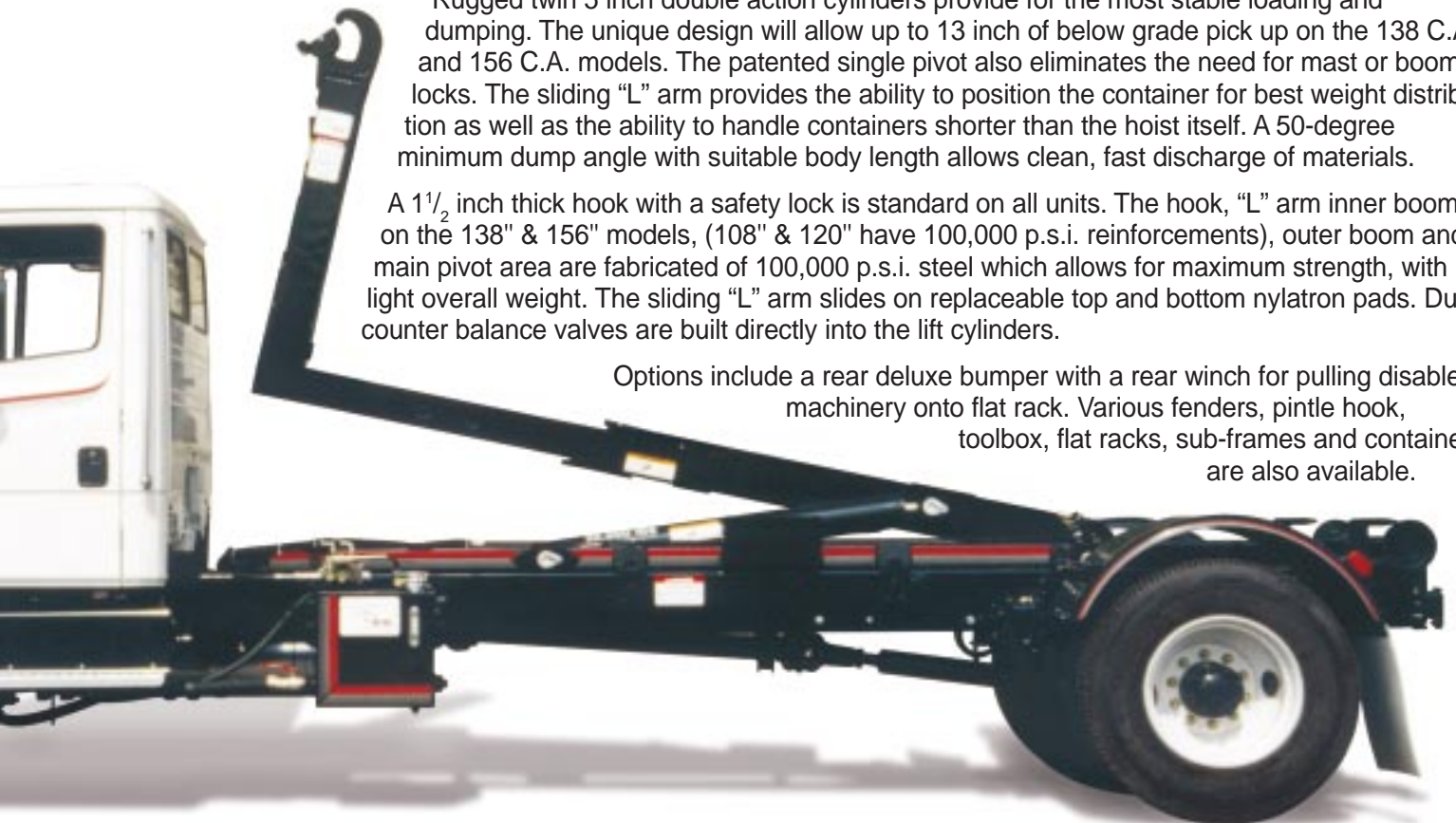
## 20,000 lb. Capacity, Hook Lift System

The **KP610** Hook Lift is the lightest weight, strongest, fastest 10-ton hook lift in the industry. It is available in (4) four cab to axle lengths, 108", 120", 138", and 156". Combined with the various hook heights, the KP610 can accommodate a wide range of container hook heights and lengths.

Rugged twin 5 inch double action cylinders provide for the most stable loading and dumping. The unique design will allow up to 13 inch of below grade pick up on the 138 C.A. and 156 C.A. models. The patented single pivot also eliminates the need for mast or boom locks. The sliding "L" arm provides the ability to position the container for best weight distribution as well as the ability to handle containers shorter than the hoist itself. A 50-degree minimum dump angle with suitable body length allows clean, fast discharge of materials.

A 1 $\frac{1}{2}$  inch thick hook with a safety lock is standard on all units. The hook, "L" arm inner boom on the 138" & 156" models, (108" & 120" have 100,000 p.s.i. reinforcements), outer boom and main pivot area are fabricated of 100,000 p.s.i. steel which allows for maximum strength, with light overall weight. The sliding "L" arm slides on replaceable top and bottom nylatron pads. Dual counter balance valves are built directly into the lift cylinders.

Options include a rear deluxe bumper with a rear winch for pulling disabled machinery onto flat rack. Various fenders, pintle hook, toolbox, flat racks, sub-frames and containers are also available.



### Easy as 1 • 2 • 3 . . .

- Quality
- Simplicity
- Low Maintenance



**GOING**



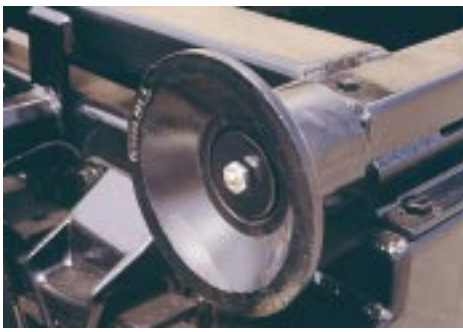
**GOING**



**GONE**



MADE IN THE U.S.A.



**Heavy Duty Flanged Rear Roller**



**Dual Counter Balance Valves For Added Safety**



**Optional Winch with Deluxe Bumper**

**FEATURES**

**BENEFITS**

Twin acting hydraulic cylinders	Stable loading and dumping safety
98,000 P.S.I. Pins & Shafts with hardened plated wear areas	Long life with less wear
Gear Driven Pump	Low maintenance/low replacement cost
Braided hose & Socked Hydraulic hoses at wear points	Prevents Chaffing & prolongs life
Replaceable Nylatron wear pads in Boom	Smooth operation & reduced wear
Sliding "L" arm adjusts	Allows bodies shorter than hoist - optimum weight distribution
Positive Body Locks	Secures load for safer transporting
No Tilt Frame	Simple operation, low maintenance, less weight
Dual counter balance valves	Lifting safety even with hose failure
Deluxe Rear Bumper Winch (Option)	Adds versatility to pull, lift, maneuver loads

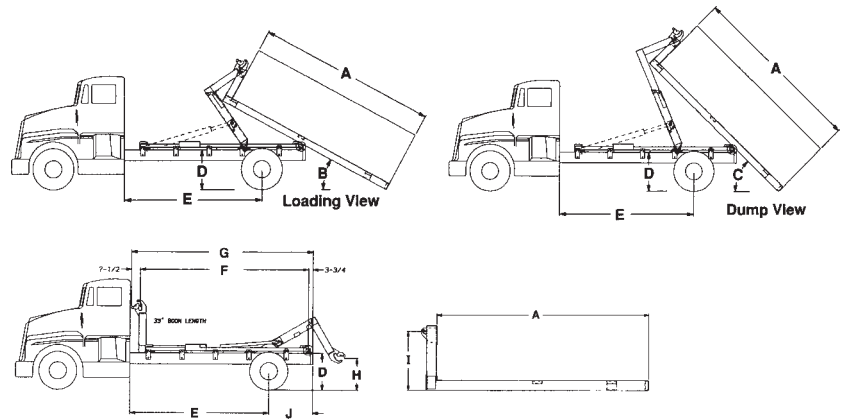
**KP610 SPECIFICATIONS**

Chassis C.A.	108", 120", 138", 156"
G.V.W.	26,000 lbs. to 33,000 lbs.
Frame Height	Max 40"
Shipping Weight	2,650 lbs.
Loading Rating	20,000 lbs. with suitable Chassis G.V.W.

Hydraulics	System Rating 3,500 P.S.I. Operation Pressure 3,000 P.S.I. Gear Pump 23 gpm @ 1500 rpm
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Hook Heights Available	54", 62" on (138/156 CA) 36", 54" on (108/120 CA)
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Controls	In Cab stick operated controls
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**KP610-108    KP610-120    KP610-138    KP610-156**

A	Container/Body Lengths (won't require ICCbumper)	10' 6"	12' 3" **	11' 6"	13' 3" **	13' 3"	15' 3" **	14' 9"	16' 9" **
*B	Load Angle	38°	33°	35°	30°	48°	38°	40°	33°
*C	Dump Angle	53°	45°	56°	47°	67°	53°	69°	53°
D	Truck Frame Height	40"		40"		40"		40"	
E	Chassis Cab to Axle	108"	120"		138"		156"		
F	Effective Length (center of hook)	132"	144"		164"		182"		
G	Min. Clear Truck Frame Length	146"	158"		176"		194"		
H	Lowest ground to hook	33"	33"		19"		19"		
I	Hook Height (to bottom of container bar)	35 5/8"	35 5/8"		54"		54"		
J	Center of Axle to Rear Frame	38"	38"		38"		38"		

\* Note: Load Angle & Dump angle will vary with truck frame height & container length.  
\*\* Note: Longer lengths can be used provided ICC bumpers are installed on flat racks & containers.



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