

Counterbalanced Electric Forklifts with Rider Platform - KLA-H



Applicable to single-faced and double-faced pallet

Load Capacity Chart

Lift Height (mm)	Load Center at 500 mm			Load Center at 600 mm		
	KLA08H	KLA12H	KLA15H	KLA08H	KLA12H	KLA15H
1600	800	1200	1500	800	1200	1500
2000	800	1200	1500	800	1200	1500
2500	800	1000	1300	700	1000	1200
3000	600	800	1000	500	700	900
3500	400	600	800	300	500	700



Product Profile

- ⊙ No straddle legs with counterweight, single-faced and double-faced pallets are both applicable.
- ⊙ With EPS turning system, operated by an operating handle
- ⊙ Short-wheelbase plus lightweight design, especially suits the operation on building floors and short-distance stacking.
- ⊙ Horizontal drive, the driving wheels are able - dismantled, replaced easily.
- ⊙ The mast is reinforced by side-rollers that enable the mast function more stably with less friction.
- ⊙ Use national standard 1244 leaf chain to replace traditional roller chain and enable the lifting performance much safer.
- ⊙ The vehicle is configured with main controller of ZAPI, contactor of ALBRIGHT, water-proof connector assembly of electric power supply of AMP.
- ⊙ It performs multifunctional brakes, such as power-off brake of electromagnetic clutch, regenerating brake, reverse brake, as well as the brake against rolling down on the ramp.
- ⊙ Cut off the power supply automatically at the top lifting position.

Optional Configuration

- ⊙ Special product model for refrigerated storage
- ⊙ High-capacity battery 270 AH/ 300 AH
- ⊙ Li-ion battery

Standard Configuration



Dedicated King-lift Controller

Optional Configuration



Li-ion Battery

Counterbalanced Electric Forklifts with Rider Platform - KLA-H

MODEL		KLA08H	KLA12H	KLA15H	
Performance	Maximum load capacity	kg	800	1200	1500
	Load center	Q mm	500	500	500
	Maximum lifting height	H3 mm	1600	1600	1600
	Travel speed (without load)	km/h	5.5	5.5	5.5
	Travel speed (with load)	km/h	5	5	5
	Lifting speed (without load)	mm/s	121	121	121
	Lifting speed (with load)	mm/s	81	81	81
	Lowering speed (without load)	mm/s	105	105	105
	Lowering speed (with load)	mm/s	103	103	103
	Gradeability (without load)	%	7	7	7
	Gradeability (with load)	%	6	6	6
	Service weight (with battery)	kg	1452	1784	1810
Dimensions	Overall length of frame	L mm	2460	2525	2904
	Overall length of frame (with platform)	L1 mm	2880	2945	3323
	Overall width of frame	B mm	1020	1020	1020
	Overall height when Mast lowered to lowest	H1 mm	2095	2095	2095
	Overall height when Mast lifted to highest	H4 mm	2412	2412	2412
	Wheelbase	Y mm	986	1050	1430
	Fork length	mm	1070	1070	1070
	Fork spread width	mm	210-670	210-670	210-670
	Fork width	mm	100	100	100
	Fork height when fork lowered to lowest	S mm	60	60	60
	Min ground clearance	mm	55	55	55
	Theoretical width of minimum aisle for right-angle stacking (1200x1000)	Asts mm	2600	2660	3026
Minimum turning radius (without platform)	Wa mm	1340	1400	1766	
Minimum turning radius (with platform)	Wa1 mm	1710	1770	2146	
Tire	Front wheel	mm	210*85	210*85	210*85
	Drive wheel	mm	250*80	250*80	250*80
	Caster wheel	mm	130*55	130*55	130*55
	Wheel material		polyurethane		
Electrical components	Drive motor type		AC series motor		
	Rated output	kw	1.5	1.5	1.5
	Hoist motor type		DC series motor		
	Rated output	kw	2.2	2.2	2.2
battery	Voltage	V	24		
	Capacity	AH	160		
	Weight	kg	150		

Mast Type	Max fork height	Mast lowered	Mast extended
	KLA08H/12H/15H	KLA08H/12H/15H	KLA08H/12H/15H
Simplex or Duplex mast (2Stage)	2000	1495	2782
	2500	1745	3282
	3000	1995	3782
	3500	2245	4282

