

Stand-driving type fully electric hand truck with EPS,
CBD



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Product Features

- ◎ The EPS (Electric Power Steering) system can reduce steering effort, enhance steering feel, improve steering return characteristics, and provide automatic deceleration on curves, making operation easier and safer
- ◎ The vertical drive AC motor, which requires no replacement of carbon brushes boasts superior ramp start performance and regenerative braking capabilities. This effectively enhances the motor's operational efficiency and service life, while also being more energy-efficient
- ◎ ZAPI controller, ALBRIGHT contactor, AMP waterproof power connector
- ◎ Unique drive and shock absorption technology ensures superior forklift passing performance
- ◎ It adopts dual oil cylinders for synchronous lifting, with automatic power-off function at maximum height
- ◎ Pedal standing driving with shock absorption

Optional configuration

- ◎ Special type for cold storage
- ◎ Non-standard forks
- ◎ Large-capacity battery 300AH
- ◎ Customized handling vehicle for coil profiles
- ◎ Removable safety wings
- ◎ Lithium battery

Product parameters

		MODEL (型号)			KLT40	KLT50/60	KLT70/80
Performance (性能)	Maximum load capacity (负载能力)		kg	4000	5000/6000	7000/8000	
	load center (载荷中心距)	Q	mm	600	600	800	
	Maximum lifting height (起升高度)	H3	mm	110	110	110	
	Travel speed (without load) (无负载行驶速度)		km/h	5.5	5.5	5.5	
	Travel speed (with load) (负载行驶速度)		km/h	5	5	5	
	Lifting speed (without load) (无负载起升速度)		mm/s	50	50	50	
	Lifting speed (with load) (负载起升速度)		mm/s	30	30	30	
	Lowering speed (without load) (无负载下降速度)		mm/s	57	57	57	
	Lowering speed (with load) (负载下降速度)		mm/s	57	57	57	
	Gradeability (without load) (无负载最大爬坡能力)		%	\	\	7	
Gradeability (with load) (负载最大爬坡能力)		%	\	\	6		
Dimensions (尺寸)	Service Weight (with battery) (重量含电池)		kg	1085	1085	1400	
	Overall length of frame (整车长度)	L	mm	2065	2065	2215	
	Overall length of frame(with platform)(整车长度带踏板)		mm	2570	2570	2720	
	Overall width of frame (整车宽度)	B	mm	876	876	876	
	Wheelbase (轴距)	Y	mm	1480	1480	1580	
	Fork length (货叉长度)		mm	1150	1150	1300	
	Fork outside width (货叉外侧宽度)	B1	mm	750	750	900	
	Fork inside width (货叉内侧宽度)	B2	mm	250	250	400	
	Fork thickness (货叉厚度)		mm	78	78	128	
	Fork height when fork lowered to lowest (货叉降至最低高度)	S	mm	100	100	150	
	Min ground clearance(最小离地间隙)		mm	5	5	15	
	Theoretical width of minimum aisle for right angle stacking (1200x1000) (直角堆垛通道最小理论宽度)	Asts	mm	2440	2440	2610	
	Minimum turning radius (without platform) (不带踏板最小转弯半径)	Wa	mm	1770	1770	2070	
	Minimum turning radius (with platform) (带踏板最小转弯半径)	Wa1	mm	2190	2190	2500	
Tire (轮胎)	Front wheel (承载轮)		mm	85*110	85*110	130*55	
	Drive wheel (驱动轮)		mm	230*75	230*75	250*100	
	Caster wheel (平衡轮)		mm	130*80	130*80	130*80	
	Wheel material (车轮类型)			polyurethane (聚氨酯)			
Electrical components (动力形式)	Drive motor type (驱动电机类型)			AC series motor (交流电机)			
	Rated output (功率)		kw	2.2	2.2	3	
	Hoist motor type (起升电机类型)			DC series motor (直流电机)			
	Rated output (功率)		kw	2.2			
battery (电池)	Voltage (电压)		V	24			
	Capacity (容量)		AH	210	210	300	
	Weight (重量)		kg	195	195	260	