



Medium Level Man-up Order Picker

with capacities of 500kg

Application

/ E-commerce, Retail, Auto parts, Electronic Manufacturing.

Electrical And Drive Unit

- / AC controller manages travelling, braking, lifting/ lowering steering functions. LCD dashboard displays, hour meter, battery state of charging, travel speed and drive wheel directional indicator.
- / AC drive motor provides high torque throughout the entire drive range. The brushless design of AC technology drastically reduces maintenance and extends battery working hours.
- / Programmable - travel speeds, plugging, and neutral braking are infinitely variable providing application specific performance.

Regenerative Brakes

- / Regenerative braking is applied when the operator removes their hand from travel control or when travel speeds is reduced,
- / Electromagnetic parking brake is applied after the truck is stopped.

Mast

- / Heavy duty I-beam design provides excellent stability at height. Steel mast channels and side mounted lift cylinders increases platform capacity.

Operator Controls

- / Ergonomic fingertip control for travelling, lifting, and lowering functions which provide the operator with logical intuitive drive characteristics while traveling at elevation or lowered.
- / Spacious operator compartment is designed for high productivity. Large storage compartment allows storage of clip boards, pens, and miscellaneous fulfillment tools. Retractable compartment side-rails with audible alarm when raised.

Chassis

- / Three point chassis design with along with 180° drive motor steering provides exceptional maneuverability. Powerhead mounted stability casters add additional truck stability and operator confidence at working heights up to 5000mm.

Standard Specification

- / Electronic Power Steering
- / Hide away rear work tray
- / Front and rear flashing light
- / Battery compartment rollers

Options

- / 224 Amp hour maintenance free AGM battery pack with 110 VAC plug-in charger

Medium Level Man-up Order Picker

		HANGCHA GROUP CO.,LTD.						
Distinguishing mark	1.1	Manufacturer		CJD-W225-M	CJD-W325-M	CJD-W365-M	CJD-W415-M	
	1.2	Manufacturer's type designation		electric	electric	electric	electric	
	1.3	Drive: electric (battery or mains), diesel, petrol, fuel gas		Order-picker	Order-picker	Order-picker	Order-picker	
	1.4	Operator type: hand, pedestrian, standing, seated, order-picker		Q (kg/lb)	227/500	227/500	227/500	Δ227/500
	1.5	Rated capacity on front platform		Q (kg/lb)	137/302	137/302	137/302	137/302
	Rated capacity on behind platform		Q (kg/lb)	136/300	136/300	136/300	136/300	
	Rated capacity on standing platform		Q (kg/lb)	136/300	136/300	136/300	136/300	
Weight	1.9	Wheelbase	y (mm/in)	1150/45.3	1150/45.3	1150/45.3	1150/45.3	
	2.1	Service weight (Include battery)	kg/lb	1090/2403	1160/2557	1230/2712	1340/2954	
	2.2	Axle loading, laden driving side/loading side	kg/lb	650/940 (1433/2072)	680/980 (1499/2161)	710/1020 (1565/2249)	740/1100 (1631/2425)	
Tyres, chassis	2.3	Axle loading, unladen driving side/loading side	kg/lb	475/615 (1047/1356)	490/670 (1080/1477)	500/730 (1102/1609)	520/820 (1146/1808)	
	3.1	Tyre type, Driving wheels/Loading wheels		PU/Rubber	PU/Rubber	PU/Rubber	PU/Rubber	
	3.2	Tyre size, driving wheels	mm/in	Φ230×75 Φ9.1×3.0	Φ230×75 Φ9.1×3.0	Φ230×75 Φ9.1×3.0	Φ230×75 Φ9.1×3.0	
	3.3	Tyre size, loading wheels	mm/in	Φ204×76 Φ8.0×3.0	Φ204×76 Φ8.0×3.0	Φ204×76 Φ8.0×3.0	Φ204×76 Φ8.0×3.0	
	3.4	Tyre size, caster wheels	mm/in	Φ102×61.5 Φ4.0×2.4	Φ102×61.5 Φ4.0×2.4	Φ102×61.5 Φ4.0×2.4	Φ102×61.5 Φ4.0×2.4	
Dimensions	3.5	Wheels, number driving, caster/loading (x=drive wheels)		1,2/2	1,2/2	1,2/2	1,2/2	
	4.2	Height, mast lowered	h ₁ (mm/in)	1590/62.6	1590/62.6	1670/65.7	2120/83.5	
	4.8	Seat height/standing height	h ₂ (mm/in)	250/9.8	250/9.8	250/9.8	250/9.8	
	4.14	Stand height, elevated	h ₁₂ (mm/in)	2200/86.6	3200/126.0	3600/141.7	4100/161.4	
	4.19	Overall length	l ₁ (mm/in)	1500/59.1	1500/59.1	1500/59.1	1500/59.1	
	4.21	Overall width	b ₁ /b ₂ (mm/in)	800/31.5	800/31.5	800/31.5	800/31.5	
	4.32	Ground clearance, center of wheelbase	m ₂ (mm/in)	50/2.0	50/2.0	50/2.0	50/2.0	
	4.33	Front cargo platform width	B ₀ ×L ₂ (mm/in)	800×520 31.5×20.5	800×520 31.5×20.5	800×520 31.5×20.5	800×520 31.5×20.5	
	4.34	Initial height of front cargo platform	h ₂ (mm/in)	1082/42.6	1082/42.6	1082/42.6	1082/42.6	
	4.35	Control handle height	h ₅ (mm/in)	1010/39.8	1010/39.8	1010/39.8	1010/39.8	
	4.36	Behind platform width	L ₄ ×B ₁ (mm/in)	346×660 13.6×26.0	346×660 13.6×26.0	346×660 13.6×26.0	346×660 13.6×26.0	
	4.37	Overall length platform launch	L ₃ (mm/in)	1795/70.7	1795/70.7	1795/70.7	1795/70.7	
	4.38	The channel width	A _{st} (mm/in)	1750/68.9	1750/68.9	1750/68.9	1750/68.9	
4.39	Turning radius	W _a (mm/in)	1385/54.5	1385/54.5	1385/54.5	1385/54.5		
Performance Data	5.1	Drive speed, laden/unladen	km/h mph	5.5/3.4	5.5/3.4	5.5/3.4	5.5/3.4	
		Drive speed, laden/unladen	km/h mph	3.7/2.3	3.7/2.3	3.7/2.3	3.7/2.3	
		Drive speed, laden/unladen	km/h mph	2.6/1.6	2.6/1.6	2.6/1.6	2.5/1.6	
		Drive speed, laden/unladen	km/h mph	1/0.6	1/0.6	1/0.6	0.6/0.4	
	5.2	Lifting speed, laden/ unladen	m/s (ft/min)	0.17/0.21 (33.4/41.3)	0.17/0.21 (33.4/41.3)	0.17/0.21 (33.4/41.3)	0.17/0.21 (33.4/41.3)	
	5.3	Lowering speed, laden/ unladen)	m/s (ft/min)	0.35/0.26 (68.9/51.2)	0.35/0.26 (68.9/51.2)	0.35/0.26 (68.9/51.2)	0.35/0.26 (68.9/51.2)	
5.8	Max. gradeability, laden/unladen	%	0	0	0	0		
5.10	Service brake type		Electromagnetic	Electromagnetic	Electromagnetic	Electromagnetic		
Electric Engine	6.1	Drive motor rating S2 60 min	kW/hp	1.5/2.0	1.5/2.0	1.5/2.0	1.5/2.0	
	6.2	Lift motor rating at S3 15%	kW/hp	2.2/3.0	2.2/3.0	2.2/3.0	2.2/3.0	
	6.3	The maximum allowed size battery	mm/in	200×740×670 7.9×29.1×26.4	200×740×670 7.9×29.1×26.4	200×740×670 7.9×29.1×26.4	200×740×670 7.9×29.1×26.4	
	6.4	Battery voltage/nominal capacity K20	V/Ah	24/224	24/224	24/224	24/224	
	6.5	Battery weight	kg/lb	163/359	163/359	163/359	163/359	
8.1	Type of drive unit		AC	AC	AC	AC		
10.5	Steering type		electric	electric	electric	electric		
10.7	Sound pressure level at the driver's ear	dB (A)	74	74	74	74		

