

HELI

AC ELECTRIC FORKLIFT TRUCK

FORKLIFT

合力叉车

AC POWER

CPD10-J3
CPD15-J3
CPD18-J3
CPD20-J3
CPD25-J3

- ☐ High Efficiency
- ☐ Less Noise
- ☐ Reduced Maintenance

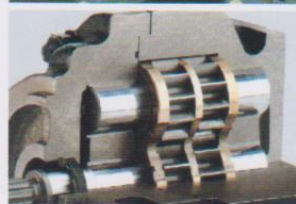
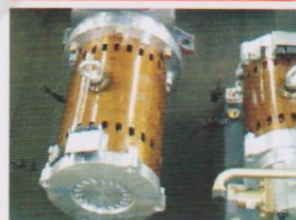
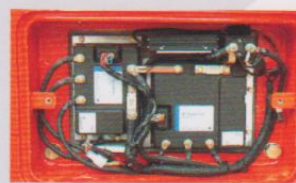


HELI
100% ELECTRIC FORKLIFT TRUCK



THE ADVANTAGE OF THE PRODUCT

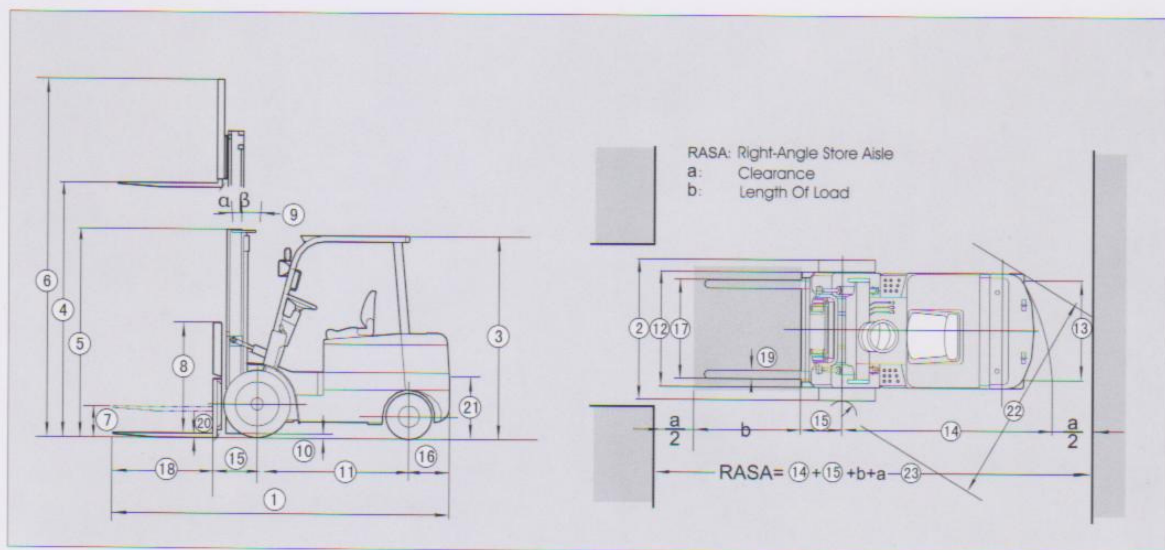
- Reliable AC Traction motor and AC Pump motor which are brushless and maintenance free.
- Reliable AC Traction controller and AC Pump controller self-protecting and maintenance free.
- Interactive communication multifunctional LED meter with friendly interface, display mass information, password handing and maintenance free.
- Standard CAN BUS interface for simple and reliable communication.
- Travel speed and lifting speed closed loop control.
- Powerful security, self-braking on ramp.
- New type of low noise pump which is adopted the splitting-teeth technology.
- New technology of dynamic signal load sensing in hydraulic system.
- New type of integrated steering unit with the load sensing.
- Travel speed normal/cutback choice function.



DIMENSION (FRONT SINGLE TIRE, WITH WIDE VIEW MAST)

Model	CPD10-J3	CPD15-J3	CPD18-J3	CPD20-J3	CPD25-J3
Unit	mm	mm	mm	mm	mm
① Overall length (with forks)	2895	3050	3080	3318	3468
② Overall width	1070	1070	1070	1150	1150
③ Overall height (overhead guard)	2160	2160	2160	2130	2130
④ Max. Lifting height	3000	3000	3000	3000	3000
⑤ Overall height fork lowered (upright)	1995	1995	1995	2000	2000
⑥ Overall height fork raised (with backrest)	4030	4030	4030	4030	4030
⑦ Free lift	155	155	155	155	155
⑧ Backrest height (from upper face of forks)	1000	1000	1000	1000	1000
⑨ Tilting angles (forward-backward)	6° -12°	6° -12°	6° -12°	6° -12°	6° -12°
⑩ Min. under-clearance (bottom of mast)	110	110	110	110	110
⑪ Wheel base	1370	1370	1370	1515	1515
⑫ Tread(front)	890	890	920	960	960
⑬ Tread (rear)	920	920	920	950	950
⑭ Outside turning radius	1930	1930	1960	2065	2065
⑮ Fork overhang	421	425	428	483	483
⑯ Rear overhang	335	335	365	400	400
⑰ Lateral fork adjustment (Outside of fork)	200-950	200-950	200-950	245-1020	245-1020
⑱ Fork length	770	920	920	920	1070
⑲ Fork width	100	100	100	122	122
⑳ Fork thickness	31	35	38	40	40
㉑ Coupler height	335	335	335	355	355
㉒ Min. intersecting aisle (clearance 0.2m)	1980	1980	1995	2220	2220
㉓ Min. Right Angle Staging Aisle Width (Pallet size: 1m × 1m, Clearance 0.2m)	3550	3555	3595	3748	3818
㉔ Min. Right Angle Staging Aisle Width (Pallet size: 1.2m × 1.2m, Clearance 0.2m)	3750	3755	3790	3948	3948

UNIT: mm.



WIDE VIEW MAST 2-STAGE MAST

Mast type	Max.fork Height(mm)	Load Capacity(Load centre 500mm) (kg)					Overall height(mm)		Tilt angle(F/B)
		CPD10-J3	CPD15-J3	CPD18-J3	CPD20-J3	CPD25-J3	1-1.8t	2-2.5t	
KM200	2000	1000	1500	1750	2000	2500	1495	1500	6-12
KM250	2500	1000	1500	1750	2000	2500	1745	1800	6-12
KM300	3000	1000	1500	1750	2000	2500	1995	2000	6-12
KM330	3300	1000	1500	1750	2000	2500	2145	2150	6-12
KM350	3500	1000	1500	1750	2000	2500	2245	2250	6-12
KM370	3700	1000	1500	1750	2000	2450	2345	2350	6-6
KM400	4000	1000	1500	1700	2000	2400	2545	2550	6-6
Km425	4250	1000	1400	1650 *1750	1850	2250	2670	2675	6-6 *6-12
KM450	4500	950	1350	1550 *1700	1800	2150	2795	2800	6-6 *6-12
KM500	5000	930	1000 *1250	1000 *1600	1600 *1700	1600 *2000	3045	3050	6-6 *6-6
KM550	5500	900	900 *1150	950 *1500	1500 *1600	1500 *1900	3345	3350	*3-6
Km600	6000	600 *850	600 *1050	600 *1400	950 *1500	950 *1800	3595	3600	*3-6

WIDE VIEW FULL FREE 2-STAGE MAST

Mast type	Max.fork Height (mm)	Load Capacity(Load centre 500mm) (kg)					Overall height(mm)		Free lift (With STD backrest)(mm)		Tilt angle(F/B)
		CPD10-J3	CPD15-J3	CPD18-J3	CPD20-J3	CPD25-J3	1-1.8t	2-2.5t	1-1.8t	2-2.5t	
KZM200	2000	1000	1500	1750	2000	2500	1495	1495	485	495	6-12
KZM250	2500	1000	1500	1750	2000	2500	1745	1745	735	745	6-12
KZM300	3000	1000	1500	1750	2000	2500	1995	1995	985	995	6-12
KZM330	3300	1000	1500	1750	2000	2500	2145	2145	1135	1145	6-12
KZM350	3500	1000	1500	1750	2000	2500	2245	2245	1235	1245	6-12
KZM370	3700	1000	1500	1750	2000	2450	2345	2370	1360	1370	6-6
KZM400	4000	1000	1500	1700	2000	2400	2545	2545	1535	1545	6-6
KZM425	4250	1000	1400	1650 *1750	1850	2250	2670	2670	1660	1670	6-6 *6-12
KZM450	4500	950	1350	1550 *1700	1800	2150	2795	2795	1785	1795	6-6 *6-12
KZM500	5000	930	1000 *1250	1000 *1600	1600 *1700	1600 *2000	3045	3045	2035	2045	6-6 *6-6
KZM550	5500	900	900 *1150	950 *1500	1500 *1600	1500 *1900	3345	3345	2335	2345	*3-6
KZM600	6000	600 *850	600 *1050	600 *1400	950 *1500	950 *1800	3595	3595	2585	2595	*3-6

WIDE VIEW FULL FREE 3-STAGE MAST

Mast type	Max.fork Height (mm)	Load Capacity(Load centre 500mm) (kg)					Overall height(mm)		Free lift (With STD backrest)(mm)		Tilt angle(F/B)
		CPD10-J3	CPD15-J3	CPD18-J3	CPD20-J3	CPD25-J3	1-1.8t	2-2.5t	1-1.8t	2-2.5t	
KZSM360	3600	1000	1450	1750	2000	2400	1790	1795	750	755	6-6
KZSM400	4000	1000	1400	1600	1900	2300	1920	1920	880	880	6-6
KZSM435	4350	950	1300	1500 *1700	1850	2200	2040	2045	1000	1055	6-6 *6-6
KZSM450	4500	950	1300	1500 *1650	1750	2100	2090	2095	1050	1055	6-6 *6-6
KZSM470	4700	930	1280	1450 *1600	1720	2000	2160	2160	1120	1120	6-6 *6-6
KZSM480	4800	920	1250	1400 *1580	1700	1950	2190	2195	1150	1155	6-6 *6-6
KZSM500	5000	900	1000 *1200	1000 *1550	1600	1600 *1900	2290	2295	1250	1255	6-6 *6-6
KZSM540	5400	750 *900	800 *1150	800 *1480	1500	1500 *1800	2420	2420	1380	1380	3-6 *3-6
KZSM600	6000	550 *850	550 *1050	550 *1380	950 *1450	950 *1700	2650	2645	1610	1605	3-6 *3-6
KZSM650	6500	*800	*1000	*1250	600 *1300	600 *1500	2855	-	1840	-	*3-6

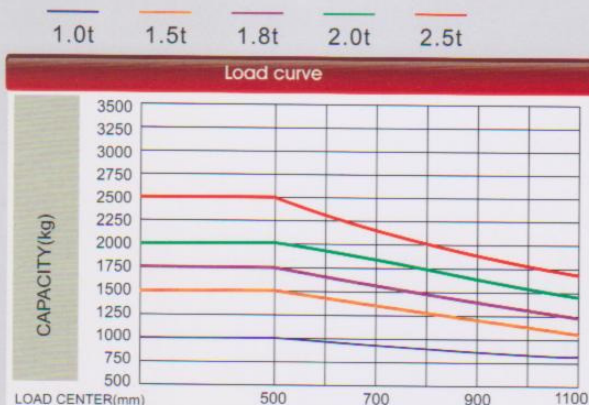
NOTE: *) Rated capacity with front dual tires.



AC ELECTRIC FORKLIFT TRUCK

SPECIFICATION

Model	Unit	CPD10-J3	CPD15-J3	CPD18-J3	CPD20-J3	CPD25-J3
Load Capacity	kg	1000	1500	1750	2000	2500
STD.Maximum Fork Height	mm	3000				
Speed Lift(No load/With load)	mm/s	430/350	430/340	420/310	440/350	440/310
Max. Speed Lower	mm/s	(No load)≥300			(With load)≤600	
Max.Speed Travel (No load/With load)	km/h	16/15	16/15	15/14	15/14	15/14
Min.Turning Radius(Outside)	mm	1930		1960	2050	
Max.Gradeability(With load)	%	17	15	15	11	10
Overhead Height Fork Raised	mm	4030				
Tilt Angle （Forward/Backward）	°	6/12				
Load Center	mm	500				
Driving Controller Type		MOSFET				
Lifting Controller Type		MOSFET				
Driving Motor	kW	8.0			11.1	
Pump Motor	kW	10			12	
Battery Voltage	V	48				
Battery Capacity	Ah	550			700	
Size of Batterybox(L × W × H)	mm	970 × 715 × 500			1030 × 515 × 807	
Battery Weight(With Box)	kg	1075			1275	
Front Tire		6.50-10-10PR			7.00-12-12PR	
Rear Tire		5.00-8-10PR			18 × 7-8-14PR	
Total Weight(With Battery)	kg	3100	3200	3350	4150	4300



Notice:

Vertical axle stands for load capacity while horizontal axle stands for load center. Load center is the distance counted from the front of the fork. The base point of the standard load is the center point of the cubic with the same 1000mm dimension in length, width and height. The load capacity should be down, if mask tilts forward, using non-standard forks or loading goods with extra width. Please notice the different load capacity between different load centers according to load chart.

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STANDARD FEATURES

- Mask with wide view
- Standard fork
- II (III) fork holder
- Fork bracket
- Control valve
- Battery group
- Standard seat
- Overhead guide
- Overhead guide raincoat
- LCD compound displayer
- Four tyre with sculp
- Traction bar
- Relevant tools

OPTIONS AND ATTACHMENTS

- Cab
- Boom
- Paper clip
- Load bar
- Solid type
- Side shifter
- Load hawk
- Turning fork
- Load pusher
- Load stabilizer
- Sleeve on fork
- Turning flat clip
- Alarm lamp
- Rear work light
- Lengthened fork
- Back view mirror
- By-tyres protector
- Widened fork holder
- Steel protection ney
- Multi function barrel clip
- Colored tyre (white, green)
- Tilt cylinder protection sleeve
- Damp fork, damp container
- Accessory hydraulic component
- Wide view triplex mask with full free length
- Wide view double mask with full free length
- Notice: Customer referred color



ISO9001认证

EXTERIORITY PATENT

No.01334387.4
No.01334745.4

* Details of specifications and equipment are based on information available at the time of printing and may change without notice.

HELI MANUFACTURER : **ANHUI HELI CO., LTD.**
DISTRIBUTOR : ANHUI HELI INDUSTRIAL VEHICLE IMPORT & EXPORT CO., LTD.

SOLD BY:

TEL: (0086) 551-3639468, 3632133, 3648005
P.C: 230022
E-mail: heli_jck@heliforklift.com

FAX: (0086) 551-3639966
Add: 15, Wangjiang West Road, Hefei, China
Web site: <http://www.helichina.net>

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