

G_{LOBAL} SALES NETWORK



CE CERTIFICATE



ISO14001: 2004



ISO9001: 2008

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J Series

1.0/1.5t

Electric Three-wheel Forklift



HANGCHA



HANGCHA GROUP CO., LTD.

J series

J series 1.0-1.5t rear-wheel driving three pivot electric forklift truck is very suitable for operating in limited space, with small turning radius, which is the ideal forklift truck in store, supermarket and warehouse, etc..

Ergonomic

State-of-the-art design makes a clear footwell with well-placed pedals which give plenty of room for large feet space and help the driver’s comfort working. The simple, concise instrument panel minimizes confusion but gives the key warnings to operator. Hydraulic levers can be mounted beside the battery or on the scuttle, giving easy access from either side. The conventional cabin layout makes the inexperienced operator work easily without time-consuming training. Adjustable steering wheel and seat make the operator in comfortable working position.

Maneuverability

Drive to the rear steering wheel gives safe truck operation in confined spaces. The turning angle of rear wheel is upto 90 degree, compared with the same load capacity 4 pivot trucks, the turning radius is smaller about 400 to 450mm. And the steering speed is constant up to full lock and back, a definite benefit for semi-skilled operator.

Reliability

AC motor is the simple brushless motor, less maintenance and better suitability for wet & explosive conditions. CURTIS AC 24V with GEN2 simplified circuits and sealed electrical units is the industry technical leader. Maintenance is easy and low-cost.

Side battery change

24V battery is ideal for two or three shifts requirements, and side battery change is a perfect option to change the batteries quickly.

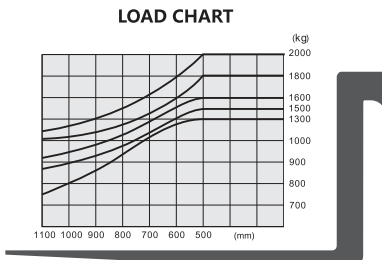
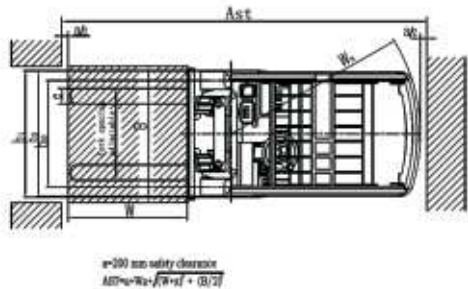
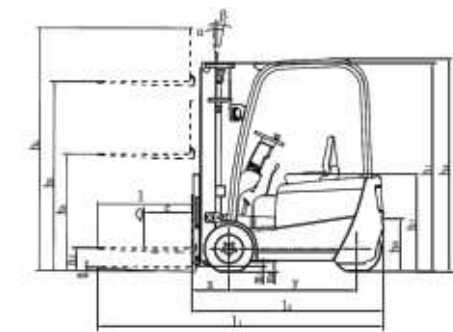


Standard Feature

- Solid tyre
- Emergency disconnect switch
- Full suspension seat
- Drive, lift, steering controlled
- Self-diagnose system
- 2 spools valves
- 3m wide view mast
- Adjustable steering wheel
- Multi-function LCD display and truck lighting system
- Rear view mirror
- Tool box

Optional

- Side battery change
- Drive wheel with Pneu tyres
- 3 or 4 spools control valves
- 4.3-6m 3-stage full free lift mast
- 2.5-4.5m 2-stage full free lift mast
- Different length forks
- Attachments
- Different load backrest



1.0-1.5 t J-H Electric Three-wheel Forklift Specification

Characteristics	1.1	Manufacturer	HANGCHA GROUP CO.,LTD.			
	1.2	Type designation	CPDS10J-H			
	1.3	Power unit: battery,diesel,gasoline, fuel, LP gas	BATTERY			
	1.4	Operation: hand, pedestrian, standing, seated, order-picker	SEATED			
Weight	1.5	Load capacity	Q(kg)	1000	1500	
	1.6	Load center	c(mm)	500		
	1.8	Load distance, center of drive axle to fork	x(mm)	350	350	
	1.9	Wheelbase	y(mm)	1220	1220	
Tyres, chassis	3.1	Tyres: solid rubber(R), superelastic(SE),pneumatic(P), polyurethane(PU)		SE		
	3.2	Tyre size, front		18X7-8		
	3.3	Tyre size, rear		18X7-8		
	3.5	Wheel, number operator/load side(x=drive)		2/1X		
Dimensions	3.6	Tread, front	b1o(mm)	835		
	3.7	Tread, rear	b11(mm)	0		
	4.1	Tilt of mast/fork carriage forward/backward	o	5/6		
	4.2	Height, mast lowered	h1(mm)	1995		
	4.3	Free lift	h2(mm)	135		
	4.4	Lift	h3(mm)	3000		
	4.5	Height, mast extended (with load backrest)	h4(mm)	3945		
	4.7	Height of overhead guard (cabin)	h6(mm)	2040		
	4.8	Seat height	h7(mm)	937		
	4.12	Coupling height	h1o(mm)	500		
	4.19	Overall length	l1(mm)	2755		
	4.20	Length to face of forks	l2(mm)	1835		
	4.21	Overall width	b1/b2(mm)	990(1060*)		
	4.22	Fork dimension	s/e/l(mm)	35/120/920		
	4.23	Fork carriage DIN 15173, class/type A,B		ISO IIB		
	4.24	Fork-carriage width	b3(mm)	970		
	4.31	Ground clearance,with load, below mast	m1(mm)	85		
	4.32	Ground clearance, center of wheelbase	m2(mm)	105		
	4.33	Aisle width for pallets 1000x1200 cross forks	As1(mm)	3161		
	4.34	Aisle width for pallets 800x1200 along forks	As1(mm)	3285		
Performance	4.35	Turning radius	Wα(mm)	1480		
	5.1	Travel speed, with/without load	km/h	9.3/9.8	9/9.5	
	5.2	Lift speed, with/without load	m/s	230/330	220/330	
	5.3	Lowering speed, with/without load	m/s	510/480	530/480	
	5.5	Drawbar pull, with/without load	N	1700/1800	1900/2000	
	5.6	Max. drawbar pull, with/without load	N	6100/8100	6400/8500	
	5.7	Gradeability, with/without load	%		7/9	
	5.8	Max. gradeability, with/without load	%		13/18	
	5.9	Acceleration time, with/without load	s	5.5/5	6/5.8	
	5.10	Service brake			Hydraulic	
Electric-engine	6.1	Drive motor rating S2 60min.	kW		AC4.0	
	6.2	Lift motor rating S3 5%	kW		AC8.6	
	6.3	Drive control			CURTIS AC	
	6.4	Battery voltage, nominal capacity (5h)	V/Ah		24/840(960MAX.)	
	6.5	Battery weight	kg		760(850MAX.)	
Addition	8.2	Operating pressure for attachments	bar	115	145	
	8.3	Oil volume for attachments	l/min		16	
	8.4	Sound level at the driver's ear	db(a)		<70	

* For mast lifting height >=4500mm.
Specifications are subject to change without notice.

1.0-1.5 t J-H Electric Three-wheel Forklift Specification

Type	Model	max. fork height	Overall height			Free lift			Tilt range	Capacity	
			Lowered	Extended		With backrest	Without backrest	FWD	BWD	load capacity at 500mm	
				With backrest	Without backrest					1t	1.5t
Wide view mast	SH16MX	mm	mm	mm	mm	mm	mm	deg	deg	kg	kg
		2500	1745	3445	3065	135	135	5	6	1000	1500
		2700	1845	3645	3265	135	135	5	6	1000	1500
		3000	1995	3945	3565	135	135	5	6	1000	1500
		3300	2145	4245	3865	135	135	5	6	1000	1500
		3500	2245	4445	4065	135	135	5	6	1000	1500
		3600	2295	4545	4165	135	135	5	6	1000	1500
		4000	2545	4945	4565	135	135	3.5	5	1000	1500
		4300	2710	5245	4865	135	135	3.5	5	900	1400
		4500	2820	5445	5065	135	135	3.5	5	800	1300
Wide view full free 2-stage mast	SH16UX	2500	1745	3105	2955	550	900	5	6	1000	1500
		2700	1845	3305	3155	750	1100	5	6	1000	1500
		3000	1995	3605	3455	1050	1400	5	6	1000	1500
		3300	2145	3905	3755	1350	1700	5	6	1000	1500
		3500	2245	4105	3955	1550	1900	5	6	1000	1500
		3600	2295	4205	4055	1650	2000	5	6	1000	1500
		4000	2545	4605	4455	2050	2400	3.5	5	1000	1500
		4300	2010	5245	4905	1100	1415	3.5	5	900	1400
Wide view full free 3-stage mast	SH16NX	4500	2075	5445	5105	1170	1480	3.5	5	800	1300
		4800	2175	5745	5405	1270	1580	3.5	5	700	1200
		5000	2240	5945	5605	1340	1645	3.5	5	650	1150
		5500	2410	6445	6105	1500	1815	3.5	5	550	1050
		6000	2625	6945	6625	1670	2010	3.5	5	450	950
		6500	2810	7456	7135	1680	2180	3.5	5	250	750

With sideshift minus 200kg.