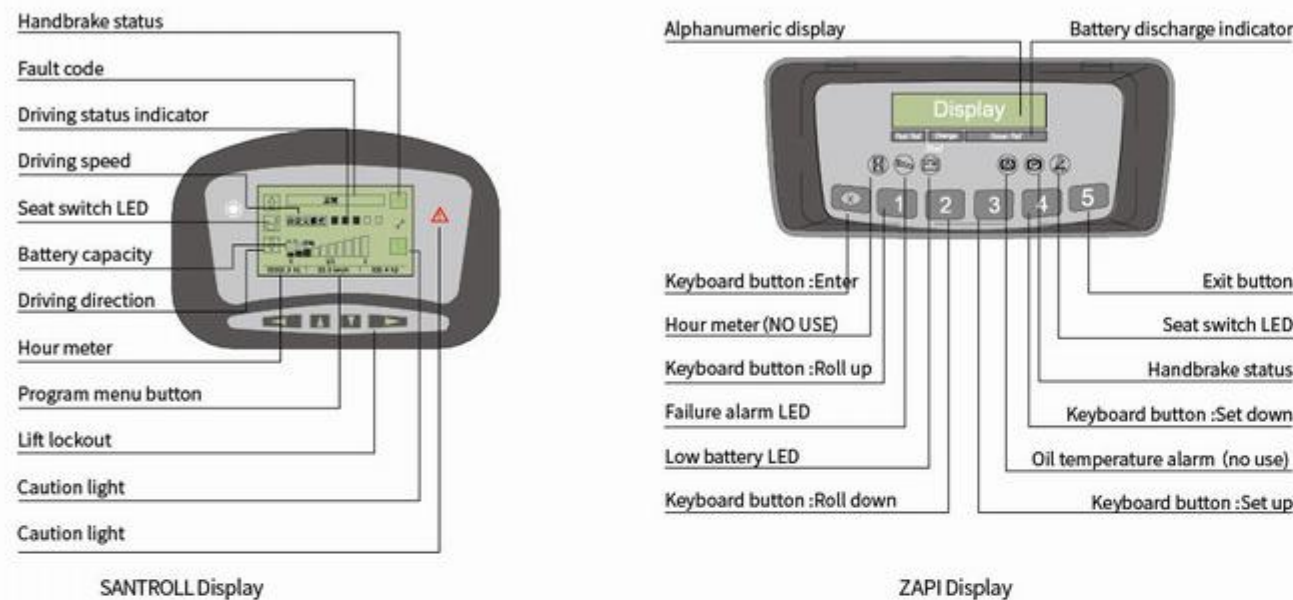


Reliable special designed instrument

The reliable special instrument gives a complete display of the vital information, like operation status, fault detection, etc. It ensures the operator predominate the vehicle status more intuitive and convenient.



standard configuration

Wide view basic mast
Standard fork
II (■) stage fork arm carrier
Backrest
Control valve
Battery
Standard seat
Overhead guard
Overhead guard rain cover
Liquid crystal combined instrument
Traction pin
Driver's tool
LED lamp
Horn alert function on rear handle
Steel protection net

Optional device

String rod
Driver's cab
Lifting hock
Cargo boom
Tip-over fork
Side shifting
Paper roll clamp
Warning light (flashing, rotating, buzzing)
solid tyre
Rear working light
Multipurpose drum clamp
Load stabilizer
Widen fork arm carrier
Lengthening fork
Load pusher
Lengthening fork extension
Rotating flat clamp
Dual-tyre with protection device
Auxiliary hydraulic valve component
Tilting/steering cylinder jacket
Coloring tyre
Wide view two/three stage full free mast
Customer made color
Turn automatic deceleration function
Battery lifting sling
HELI smart fleet management system

AUTHORIZED DEALER

ANHUI HELI CO., LTD.
ADD: NO. 688 Fangxing Street, Economical Development Zone, Hefei, P.R. China
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* Details of specifications and equipment are based on information available at the time of printing and may change without notice.



1.5-3.5 t

Electric Forklift Truck [Cold Storage]

Safety protection

- Front overhead guard net protects the operator and instrument from falling goods.
- The load backrest is equipped to ensure unstable goods in cold storage.
- Rear handle with horn button ensures safety while reverse driving.
- Automatic deceleration when steering is suitable for slipped surface in the cold storage.

Anti-rust, anti-corrosion, waterproof

- Stainless steel is used for exposed fasteners and it is rust proof.
- Waterproof AMP connectors prevent the condensed water from entering which may cause a short circuit.
- Tilting cylinder cover protects oil cylinder against direct exposure.
- Chain and cylinder are coated with special material to prevent corrosion and rust.



Oil and parts resistant to low temperature

- Key parts, such as motors, controllers and switch components can work in the -30 °C environment.
- The hydraulic oil, gear oil and lubricating grease can satisfy the requirement of low temperature work environment;
- High pressure rubber hoses with special material is suitable for low temperature.

Low energy consumption

- LED lamps save the energy.



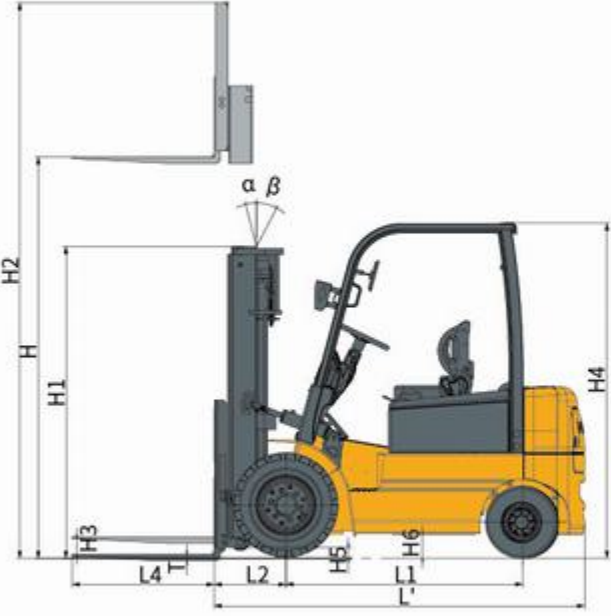
- Vehicle positioning
- Remote diagnosis
- Remote monitoring
- Maintenance reminder
- Battery management
- Statistical form
- Vehicle management
- Identification recognition (optional)
- Weight management (optional)
- Collision management (optional)

1.5-3.5 t Electric Forklift Truck [Cold Storage]

Manufacturer's Data and Design Characteristics

character														
1.01 manufacturer														
1.02 model			CPD15	CPD15	CPD18	CPD20	CPD25	CPD15	CPD15	CPD18	CPD20	CPD25	CPD30	CPD35
1.03 configuration number			HA2L	HC2L	HC2L	HA2L	HA2L	HB7L	HD7L	HB7L	HB7L	HB7L	HB7L(P)	HB7L(P)
1.04 rated capacity	Q	kg	1500	1500	1750	2000	2500	1500	1500	1750	2000	2500	3000	3500
1.05 load center distance	c	mm	500	500	500	500	500	500	500	500	500	500	500	500
1.06 power mode			Battery	Battery	Battery	Battery	Battery	Battery	Battery	Battery	Battery	Battery	Battery	Battery
1.07 driving mode			Seated	Seated	Seated	Seated	Seated	Seated	Seated	Seated	Seated	Seated	Seated	Seated
1.08 wheel base	L1	mm	1280	1390	1390	1535	1535	1280	1390	1390	1535	1535	1685	1685
tyre														
2.01 tyre type			Pneumatic	Pneumatic	Pneumatic	Pneumatic	Pneumatic	Pneumatic	Pneumatic	Pneumatic	Pneumatic	Pneumatic	Pneumatic/SE	SE
2.02 wheel number(front/rear)			2/2	2/2	2/2	2/2	2/2	2/2	2/2	2/2	2/2	2/2	2/2	2/2
2.03 front wheel base	W3	mm	890	890	920	960	960	890	890	920	960	960	1000	1000
2.04 rear wheel base	W2	mm	920	920	920	950	950	920	890	920	950	950	950	950
2.05 tyre (front)			6.50-10-10PR	6.50-10-10PR	6.50-10-10PR	7.00-12-14PR	7.00-12-14PR	6.50-10-10PR	6.50-10-10PR	6.50-10-10PR	7.00-12-14PR	7.00-12-14PR	28×9-15-14PR	28×9-15
2.06 tyre (rear)			16×6-8-10PR	16×6-8-10PR	16×6-8-10PR	18×7-8-14PR	18×7-8-14PR	16×6-8-10PR	16×6-8-10PR	16×6-8-10PR	18×7-8-14PR	18×7-8-14PR	18×7-8	18×7-8
size														
3.01 front overhang	L2	mm	410	410	410	465	465	410	410	410	465	465	485	490
3.02 mast tilt angle, front/rear	α/β	°	6/12	6/12	6/12	6/12	6/12	6/12	6/12	6/12	6/12	6/12	6/10	6/10
3.03 height with mast retraction	H1	mm	1995	1995	1995	2000	2000	1995	1995	1995	2000	2000	2075	2180
3.04 free lifting height	H3	mm	150	150	150	170	170	150	150	150	170	170	145	150
3.05 Max. lifting height	H	mm	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000
3.06 Max. height under working condition	H2	mm	4040	4040	4040	4042	4042	4040	4040	4040	4042	4042	4230	4230
3.07 overhead guard height	H4	mm	2130	2130	2130	2155	2155	2130	2130	2130	2155	2155	2215	2215
3.08 fork size:thickness×width×length	T×W×L4	mm	35×100×920	35×100×920	35×100×920	40×122×920	40×122×1070	35×100×920	35×100×920	35×100×920	40×122×920	40×122×1070	45×125×1070	50×125×1070
3.09 fork arm carrier ISO 2328, class/type AB			2A	2A	2A	2A	2A	2A	2A	2A	2A	2A	3A	3A
3.10 truck body length (fork excluded)	L'	mm	2065	2175	2175	2400	2400	2065	2175	2175	2400	2400	2490	2560
3.11 truck body width	W1	mm	1086	1086	1086	1170	1170	1086	1086	1170	1170	1241	1241	1241
3.12 turning radius	r	mm	1770	1880	1880	2065	2065	1770	1880	1880	2065	2210	2270	2270
3.13 clearance between mast and ground	H5	mm	110	110	110	115	115	110	110	110	115	115	135	135
3.14 clearance between wheel base center and ground(loaded)	H6	mm	120	120	120	135	135	120	120	120	135	135	145	145
3.15 right angle stacking aisle width (pallet1200x200mm, clearance 200mm)	Ast	mm	3380	3490	3490	3730	3800	3380	3490	3490	3730	3800	3895	3960
3.16 right angle stacking aisle width (pallet1200x200mm, clearance 200mm)	Ast	mm	3580	3690	3690	3930	3930	3580	3690	3690	3930	3930	4095	4160
3.17 Lateral Fork Adjustment (Outside of Forks) Max./Min.			960/200	960/200	960/200	1030/244	1030/244	960/200	960/200	960/200	1030/244	1030/244	1060/250	1060/250
performance														
4.01 travelling speed: loaded/unloaded	km/h		14/15	14/15	14/15	14/15	14/15	14/15	14/15	14/15	14/15	14/15	12/13	11/12
4.02 lifting speed: loaded/unloaded	m/s		0.27/0.45	0.27/0.45	0.28/0.53	0.28/0.49	0.26/0.49	0.34/0.49	0.33/0.49	0.35/0.44	0.31/0.44	0.24/0.4	0.22/0.37	0.22/0.37
4.03 lowering speed	m/s		0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.42	0.42	0.42
4.04 gradeability (loaded)	%		17	17	15	16	15	17	17	15	16	15	13	11
4.05 Max. traction force (loaded)	N		8600	8800	9500	12300	12800	8600	8800	9500	12300	12800	12500	13140
4.06 acceleration time (10m) loaded/unloaded	s		5.4/5.2	5.4/5.2	5.6/5.4	5.6/5.4	6.2/6.0	5.4/5.2	5.4/5.2	5.6/5.4	5.6/5.4	6.2/6.0	6/5.6	6/6
weight														
5.01 total weight (with /without battery)	kg		2950/2300	2980/2220	3150/2390	4080/3080	4230/3230	2950/2300	2980/2220	3150/2390	4080/3080	4230/3230	4760/3555	5335/4005
5.02 axle load: unloaded, front/rear	kg		1330/1620	1445/1535	1450/1700	1960/2120	1950/2280	1330/1620	1445/1535	1450/1700	1960/2120	1950/2280	2210/2550	2475/2860
5.03 axle load: loaded, front/rear	kg		3900/550	3930/550	4400/500	5220/860	6020/710	3900/550	3930/550	4400/500	5220/860	6020/710	6900/860	7840/995
battery														
6.01 battery voltage/capacity Ks	V/Ah		48/400	48/480	48/480	48/600	48/600	48/400	48/480	48/480	48/600	48/600	48/700	48/840
6.02 battery weight	kg		650(650-900)	750(750-1050)	750(750-1050)	980(980-1300)	980(980-1300)	650(650-900)	750(750-1050)	750(750-1050)	980(980-1300)	980(980-1300)	1205(1205-1625)	1330(1330-1625)
6.03 battery, DIN standard			43531A	43531A	43531A	43531B	43531B	43531A	43531A	43531A	43531B	43531B	43531B	43531B
motor and controller														
7.01 drive motor power-60 minutes	kW		8.0	8.0	8.0	11	11	8.0	8.0	8.0	11	11	11	11
7.02 lifting motor power(S3 15%)	kW		7.5	7.5	8.6	10.5	10.5	7.5	7.5	7.5	10.5	10.5	15	15
7.03 drive motor controlling mode			MOSFET/AC	MOSFET/AC	MOSFET/AC	MOSFET/AC	MOSFET/AC	MOSFET/AC	MOSFET/AC	MOSFET/AC	MOSFET/AC	MOSFET/AC	MOSFET/AC	MOSFET/AC
7.04 lifting motor controlling mode			MOSFET/DC	MOSFET/DC	MOSFET/DC	MOSFET/DC	MOSFET/DC	MOSFET/AC	MOSFET/AC	MOSFET/AC	MOSFET/AC	MOSFET/AC	MOSFET/AC	MOSFET/AC
7.05 service brake/parking brake			Hydraulic/Mechanical	Hydraulic/Mechanical	Hydraulic/Mechanical	Hydraulic/Mechanical	Hydraulic/Mechanical	Hydraulic/Mechanical	Hydraulic/Mechanical	Hydraulic/Mechanical	Hydraulic/Mechanical	Hydraulic/Mechanical	Hydraulic/Mechanical	Hydraulic/Mechanical
7.06 hydraulic system working pressure	Mpa		14.5	14.5	17.5	17.5	17.5	14.5	14.5	17.5	17.5	17.5	21	21

NOTE: 1.* Detailed information about battery, please contact our salesmen or engineer.
2. For configuration number, 2: ZAPI Controller; 7: SANTROLL Controller.



Ast: Right angle stacking aisle width

a: Clearance

b: Load Length

