



Hangcha Europe GmbH

Mariechen-Graulich-Straße 12a,
65439 Flörsheim am Main,
Germany

Tel: 0049-61453769188
E-mail: admin@hangchaeurope.com

Mob: 0049-16096548808 (Thomas Dittrich)
E-mail: thomas.dittrich@hangchaeurope.com
Zip Code Area (1,2,3,4,5,6,7)

Mob: 0049-1605272481 (Jens Abmuth)
E-mail: jens.assmuth@hangchaeurope.com
Zip Code Area (0,8,9)

www.hangchaeurope.com



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ISO14001
ISO14001:2015



ISO9001
ISO9001:2015



HANGCHA trucks conform
to the European Safety
Requirements.

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XA Series Electric Forklift Truck

with capacities of 3,000 to 3,500kg

The World of Hangcha
SINCE 1956



XA Series Electric Forklift Truck

XA series four-point light-duty lithium battery forklift are quality-guaranteed cost-efficient new products with a redesigned internal structure, which inherit the classic exterior design of Hangcha's A series products and are applicable to light-duty operation scenes.



Stylish exterior

- / Inherit the classic exterior design of A series electric forklifts.
- / With adjusted truck structure ratio, the 3t model is sturdier and works better. Colored yellow and black, it is eye-catching and stylish. It is compact but not cramped.

Comfortable experience

- / The wide-view mast with optimized design is unlikely to obstruct the operator's line of sight. The enlarged opening size of the fork carriage enables a wider view, a large operation space, and excellent ergonomic design.
- / The multifunctional color-screen instruments are designed to have graphical interfaces and display data clearly. The interfaces can be switched to be shown in Chinese and English to meet the needs of customers at home and abroad.

Sturdy and durable

- / The sturdy and durable mast, front and rear axles, and tires for internal combustion forklifts are used. With a large distance from the ground, the forklift can be easily driven on the bumpy ground outdoors.
- / The truck uses a large number of mature parts with stable and reliable quality, and the aftersales maintenance is convenient.
- / With performance and battery life balanced perfectly, the forklift is applicable to light-duty scenes.
- / Its performance is competitive even in comparison with competing models.

Cost-efficient

- / Aiming at light-duty forklift users and equipped with high-end key parts instead of a plurality of optional parts, the forklift is cost-efficient and enables easy handling.
- / A practical and convenient integrated 35A charger with a 220V charging plug is provided for the standard configuration.
- / Cost-efficient CATL battery cells with good quality and a long life are used.



Standard Specification

- / Standard duplex mast
- / Two-way multi-way valve
- / Standard fork, fork carriage and load backrest
- / Combination Switch
- / Speed mode selection
- / Traction pin
- / Silent gear pump
- / Rearview mirror
- / Multifunctional color-screen instruments
- / Fuse box
- / DC-DC converter
- / Drive and lifting controllers
- / Standard lithium battery
- / Integral stamped side panel and hood
- / Emergency power off switch
- / Standard seat
- / Handbrake
- / Reverse buzzer
- / Pedal pad
- / Lifting and tilting joystick
- / LED headlight, turn signal light, combination LED tail light

Options

- / Triple multi-way valve
- / Left and right rear view mirrors
- / Widened / heightened load backrest
- / Widened fork carriage
- / Forks of other lengths
- / Rear lamp
- / Alarm light
- / Solid tire

Optional Battery List

Capacity (Ah)	3t 80V	3.5t 80V
202	●	●

Note: ● Battery Std; ○ Battery Opt; — Null



XA Series 3.0-3.5t Electric Forklift Truck Specification

Distinguishing mark	HANGCHA GROUP CO.,LTD.				
	1.1	Manufacturer			
1.2	Manufacturers type designation	CPD30-ALJ2-IL	CPD35-ALJ2-IL		
1.3	Drive: electric (battery or mains), diesel, petrol, fuel gas	Electric	Electric		
1.4	Operator type: hand, pedestrian, standing, seated, order-picker	Seated	Seated		
1.5	Load capacity/rated load	Q (kg)	3000	3500	
1.6	Load centre distance	c (mm)	500	500	
1.7	Load distance, centre of drive axle to fork	x (mm)	477.5	482.5	
1.8	Wheelbase	y (mm)	1750	1750	
Weight	2.1	Service Weight	kg	4100	4440
	2.2	Axle loading, laden front/rear	kg	6350/750	7140/800
	2.3	Axle loading, unladen front/rear	kg	1700/2400	1690/2750
Tyres, chassis	3.1	Tyres: solid rubber, superelastic, pneumatic, polyurethane		Pneumatic	Pneumatic
	3.2	Tyre size, front		28x9-15-14PR	28x9-15-14PR
	3.3	Tyre size, rear		6.50-10-10PR	6.50-10-10PR
	3.4	Wheels, number front rear (X = driven wheels)		2x/2	2x/2
	3.5	Tread, front	b10 (mm)	1009	1009
	3.6	Tread, rear	b11 (mm)	973.5	973.5
Dimensions	4.1	Tilt of mast/fork carriage forward/backward	$\alpha/\beta(^{\circ})$	6/12	6/12
	4.2	Height, mast lowered	h1 (mm)	2050	2165
	4.3	Free lift	h2 (mm)	165	170
	4.4	Lift	h3 (mm)	3000	3000
	4.5	Height, mast extended	h4 (mm)	4145	4145
	4.6	Height of overhead guard STD.	h6 (mm)	2180	2180
	4.7	Seat height/stand height	h7 (mm)	1150	1150
	4.8	Coupling height	h10 (mm)	380	380
	4.9	Overall length	l1 (mm)	3750	3755
	4.10	Length to face of forks	l2 (mm)	2680	2685
	4.11	Overall width	b1 (mm)	1241	1241
	4.12	Fork dimensions	s/e/l (mm)	45x122x1070	50x122x1070
	4.13	Fork carriage DIN 15173 --- ISO 2328, class/type A,B		ISO 2328 2A	ISO 2328 2A
	4.14	Fork-carriage width	b3 (mm)	1100	1100
	4.15	Distance between fork-arms	b5 (mm)	290/1100	290/1100
	4.16	Ground clearance, laden, below mast	m1 (mm)	120	120
	4.17	Ground clearance, centre of wheelbase	m2 (mm)	150	150
	4.18	Aisle width for pallets 1000 x 1200 crossways	Ast (mm)	4137.5	4142.5
	4.19	Aisle width for pallets 800 x 1200 crossways	Ast (mm)	4337.5	4342.5
	4.20	Turning radius	Wa (mm)	2460	2460
Performance data	5.1	Travel speed, laden/unladen	km/h	12/13	12/13
	5.2	Lift speed, laden/unladen	mm/s	290/400	290/400
	5.3	Lowering speed, laden/unladen	mm/s	360/370	360/370
	5.5	Max. Drawbar pull, laden/unladen	N	11000	11000
	5.7	Max. gradeability, laden/unladen	%	15/15	15/15
	5.9	Service brake		Hydraulic	Hydraulic
5.10	Parking brake		Mechanical	Mechanical	
Electric-engine	6.1	Drive motor rating S2 60 min	kW	11AC	11AC
	6.2	Lift motor rating at S3 15%	kW	10AC	10AC
	6.4	Battery voltage, nominal capacity K5	V/Ah	80/202	80/202
	6.5	Battery weight	kg	160	160
Controller	7.1	Type of drive control		MOSFET/AC	MOSFET/AC
	7.2	Manufacturer		Jiachen	Jiachen
	7.3	Model		ACM80C350	ACM80C350
Addition data	8.4	Towing coupling, type DIN		Φ 24 Pin	Φ 24 Pin

3.0t Mast Specification

Type	Model	Max. Fork Height	Lowered height	Extended height		Free lift height		Tilting range	Capacity
				Without backrest	With backrest	Without backrest	With backrest		Load center@500mm
				mm	mm	mm	mm	mm	mm
2-stage wide view mast	AL30M250	2500	1800	3267	3645	165	165	6/12	3000
	AL30M300	3000	2050	3767	4145	165	165	6/12	3000
	AL30M360	3600	2400	4367	4745	165	165	6/12	3000
	AL30M400	4000	2650	4767	5145	165	165	6/12	3000
2-stage full-free lifting mast	AL30U300	3000	2080	3816	4142	1264	938	6/12	3000
	AL30U330	3300	2230	4116	4442	1414	1088	6/12	3000
3-stage full-free lifting mast	AL30N450	4500	2165	5316	5642	1349	1023	6/6	2800
	AL30N480	4800	2315	5616	5942	1499	1173	6/6	2700
	AL30N500	5000	2415	5816	6142	1599	1273	6/6	2550

3.5t Mast Specification

Type	Model	Max. Fork Height	Lowered height	Extended height		Free lift height		Tilting range	Capacity
				Without backrest	With backrest	Without backrest	With backrest		Load center@500mm
				mm	mm	mm	mm	mm	mm
2-stage wide view mast	AL35M250	2500	1915	3342	3645	170	170	6/12	3500
	AL35M300	3000	2165	3842	4145	170	170	6/12	3500
	AL35M360	3600	2465	4442	4745	170	170	6/12	3500
	AL35M400	4000	2765	4842	5145	170	170	6/12	3500
2-stage full-free lifting mast	AL35U300	3000	2180	3891	4142	1289	1038	6/12	3500
	AL35U330	3300	2330	4191	4442	1439	1188	6/12	3500
3-stage full-free lifting mast	AL35N450	4500	2315	5391	5642	1424	1173	6/6	3000
	AL35N480	4800	2465	5691	5942	1574	1323	6/6	2800
	AL35N500	5000	2615	5891	6142	1724	1473	6/6	2700

