



XA II Series Electric Forklift Truck With Lithium Power

with capacities of 3,000 to 3,800kg



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 ISO14001
ISO14001:2015


 ISO9001
ISO9001:2015


 HANGCHA trucks conform
 to the European Safety
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XA II Series Electric Forklift Truck With Lithium Power

XA II series 4W 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

/ Inheriting the simple and natural style of the previous generation, the OHG and counterweight are optimized, the internal layout is more reasonable, and the front and rear large tires give the whole vehicle a smoother and more coordinated visual effect.

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.

/ The performance and endurance are better than the old XA.

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.

/ It adopts Hangcha lithium battery, with electric heating, good quality and long service life.



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
- / Solid tire
- / Voice reversing buzzer, forward buzzer
- / USB charging port
- / Fire extinguisher
- / License plate frame
- / LED rear headlights, blue lights, three-way laser projection lights, warning lights

Optional Battery List

Capacity (Ah)	3.0/3.8t 80V
230	●
160	○
304	○
205	○

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



XA II Series 3.0-3.8t Electric Forklift Truck II Specification

Distinguishing mark	HANGCHA GROUP CO.,LTD.					
	1.1	Manufacturer	CPD30-XAJ4-IL	CPD35-XAJ4-IL	CPD38-XAJ4-IL	
1.2	Manufacturer's type designation					
1.3	Drive: electric (battery or mains), diesel, petrol, fuel gas	Electric	Electric	Electric		
1.4	Operator type: hand, pedestrian, standing, seated, order-picker	Seated	Seated	Seated		
1.5	Rated capacity/rated load	kg	3000	3500	3800	
1.6	Load centre distance	c (mm)	500	500	500	
1.8	Load distance, centre of drive axle to fork	x (mm)	482.5	482.5	482.5	
1.9	Wheelbase	y (mm)	1750	1750	1750	
Weight	2.1	Service Weight	kg	4140	4520	4750
2.2	Axle loading, laden front/rear	kg	6430/740	7200/830	7670/900	
2.3	Axle loading, unladen front/rear	kg	1730/2430	1750/2800	1740/3020	
Tyres, chassis	3.1	Tyres: solid rubber, superelastic, pneumatic, polyurethane	Pneumatic	Pneumatic	Pneumatic	
3.2	Tyre size, front		28x9-15-14PR	28x9-15-14PR	28x9-15-15PR	
3.3	Tyre size, rear		6.50-10-10PR	6.50-10-10PR	6.50-10-11PR	
3.5	Wheels, number front / rear (x = driven wheels)		2x/2	2x/2	2x/2	
3.6	Tread, front	b10 (mm)	1009	1009	1009	
3.7	Tread, rear	b11 (mm)	975	975	975	
Dimensions	4.1	Tilt of mast/fork carriage forward/backward	a/b (°)	6/12	6/12	6/12
4.2	Height, mast lowered	h1 (mm)	2060	2175	2175	
4.3	Free lift	h2 (mm)	165	165	165	
4.4	Lift	h3 (mm)	3000	3000	3000	
4.5	Height, mast extended	h4 (mm)	4030	4145	4145	
4.7	Height of overhead guard (cabin)	h6 (mm)	2210	2210	2210	
4.8	Seat height/stand height	h7 (mm)	1126	1126	1126	
4.12	Coupling height	h10 (mm)	515	515	515	
4.19	Overall length	l1 (mm)	3755	3755	3755	
4.20	Length to face of forks	l2 (mm)	2685	2685	2685	
4.21	Overall width	b1/b2 (mm)	1240	1240	1240	
4.22	Fork dimensions	s / e / l (mm)	45x122x1070	50x122x1070	50x122x1070	
4.23	Fork carriage ISO 2328, class/type A,B		ISO2328 3A	ISO2328 3A	ISO2328 3A	
4.24	Fork-carriage width	b3 (mm)	1100	1100	1100	
4.31	Ground clearance, laden, below mast	m1 (mm)	137	137	137	
4.32	Ground clearance, centre of wheelbase	m2 (mm)	150	150	150	
4.34.1	Aisle width for pallets 1000 x 1200 crossways	Ast (mm)	4060	4060	4060	
4.34.2	Aisle width for pallets 800 x 1200 lengthways		4260	4260	4260	
4.35	Turning radius	Wa (mm)	2375	2375	2375	
4.36	Internal turning radius	b13 (mm)	/	/	/	
Performance data	5.1	Travel speed, laden/unladen	km/h	12/13	12/13	12/13
5.2	Lift speed, laden/unladen	mm/s	320/460	300/460	300/460	
5.3	Lowering speed, laden/unladen	mm/s	460/370	460/370	460/370	
5.6	Max. Drawbar pull, laden/unladen	N	12/10	13/11	13/11	
5.8	Max. gradeability, laden/unladen	%	15/20	15/20	14/20	
5.9	Acceleration time, laden/unladen (0-10m)	s	/	/	/	
5.10	Service brake		Hydraulic	Hydraulic	Hydraulic	
5.11	Parking brake		Mechanical	Mechanical	Mechanical	
Electric-engine	6.1	Drive motor rating S2 60 min	kW	14.6AC	14.6AC	14.6AC
6.2	Lift motor rating at S3 15%	kW	16AC	16AC	16AC	
6.3	Battery acc. to DIN 43531/35/36 A,B,C, no		/	/	/	
6.4	Battery voltage, nominal capacity K5	(V)/(Ah) or kWh	80/230	80/230	80/230	
6.5	Battery weight	kg	165	165	165	
Addition data	10.1	Operating pressure for attachments	MPa	18.5	18.5	18.5
10.2	Oil volume for attachments	ℓ/min	65	65	65	

3.0t Mast Specification

Type	Model	Max. Fork Height	Lowered height	Extended height		Free lift height		Tilting range	Capacity Load center@500mm	
				Without backrest	With backrest	Without backrest	With backrest		Single Tire	Double tire
2-stage wide view mast	AL30M200	2000	1560	2767	3142	165	165	6/6	3000	3000
	AL30M250	2500	1810	3267	3642	165	165	6/12	3000	3000
	AL30M270	2700	1910	3467	3842	165	165	6/12	3000	3000
	AL30M300	3000	2060	3767	4142	165	165	6/12	3000	3000
	AL30M330	3300	2210	4067	4442	165	165	6/12	3000	3000
	AL30M350	3500	2310	4267	4642	165	165	6/12	3000	3000
	AL30M360	3600	2410	4367	4742	165	165	6/12	3000	3000
	AL30M400	4000	2660	4767	5142	165	165	6/12	3000	3000
	AL30M430	4300	2810	5067	5442	165	165	6/6	2900	3000
	AL30M450	4500	2910	5267	5642	165	165	6/6	2850	3000
	AL30M500	5000	3160	5767	6142	165	165	6/6	2550	2850
	AL30M550	5500	3410	6267	6642	165	165	3/6	2250	2650
2-stage full-free lifting mast	AL30M600	6000	3660	6767	7142	165	165	3/6	1550	2200
	AL30U250	2500	1840	3316	3642	1023	698	6/12	3000	3000
	AL30U270	2700	1940	3516	3842	1123	798	6/12	3000	3000
	AL30U300	3000	2090	3816	4142	1273	948	6/12	3000	3000
	AL30U330	3300	2240	4116	4442	1423	1098	6/12	3000	3000
	AL30U360	3600	2390	4416	4742	1573	1248	6/12	3000	3000
3-stage full-free lifting mast	AL30U400	4000	2640	4816	5142	1823	1498	6/12	3000	3000
	AL30N400	4000	2025	4816	5142	1208	882	6/6	3000	3000
	AL30N430	4300	2125	5116	5442	1308	982	6/6	2900	2950
	AL30N450	4500	2215	5316	5642	1358	1032	6/6	2800	2900
	AL30N470	4700	2275	5516	5842	1458	1132	6/6	2700	2800
	AL30N480	4800	2325	5616	5942	1508	1182	6/6	2700	2800
3-stage full-free lifting mast	AL30N500	5000	2425	5816	6142	1608	1282	6/6	2550	2750
	AL30N550	5500	2625	6316	6642	1808	1482	3/6	2250	2650
	AL30N600	6000	2875	6816	7142	2058	1732	3/6	1550	2200

3.5t Mast Specification

Type	Model	Max. Fork Height	Lowered height	Extended height		Free lift height		Tilting range	Capacity Load center@500mm	
				Without backrest	With backrest	Without backrest	With backrest		Single Tire	Double tire
2-stage wide view mast	AL35M200	2000	1675	2842	3142	170	170	6/6	3500	3500
	AL35M250	2500	1925	3342	3642	170	170	6/12	3500	3500
	AL35M270	2700	2025	3542	3842	170	170	6/12	3500	3500
	AL35M300	3000	2175	3842	4142	170	170	6/12	3500	3500
	AL35M330	3300	2325	4142	4442	170	170	6/12	3500	3500
	AL35M350	3500	2425	4342	4642	170	170	6/12	3500	3500
	AL35M360	3600	2475	4442	4742	170	170	6/12	3500	3500
	AL35M400	4000	2775	4842	5142	170	170	6/12	3500	3500
	AL35M430	4300	2925	5142	5442	170	170	6/6	3250	3400
	AL35M450	4500	3025	5342	5642	170	170	6/6	3100	3350
	AL35M500	5000	3275	5842	6142	170	170	6/6	2800	2900
	AL35M550	5500	3525	6342	6642	170	170	3/6	2350	2700
2-stage full-free lifting mast	AL35M600	6000	3775	6842	7142	170	170	3/6	1750	2300
	AL35U250	2500	1940	3391	3642	1039	798	6/12	3500	3500
	AL35U270	2700	2040	3591	3842	1139	898	6/12	3500	3500
	AL35U300	3000	2190	3891	4142	1289	1048	6/12	3500	3500
	AL35U330	3300	2340	4191	4442	1439	1198	6/12	3500	3500
	AL35U400	4000	2740	4891	5142	1839	1598	6/12	3500	3500
3-stage full-free lifting mast	AL35N400	4000	2125	4891	5142	1233	982	6/6	3500	3500
	AL35N430	4300	2225	5191	5442	1343	1082	6/6	3150	3350
	AL35N450	4500	2325	5391	5642	1433	1182	6/6	3000	3200
	AL35N470	4700	2425	5591	5842	1533	1282	6/6	2800	3000
	AL35N480	4800	2475	5691	5942	1583	1332	6/6	2800	3000
	AL35N500	5000	2625	5891	6142	1733	1482	6/6	2700	2850
3-stage full-free lifting mast	AL35N550	5500	2875	6391	6642	1983	1732	3/6	2350	2700
	AL35N600	6000	3125	6924	7142	2200	1982	3/6	1750	2300

3.8t Mast Specification

Type	Model	Max. Fork Height	Lowered height	Extended height		Free lift height		Tilting range	Capacity Load center@500mm	
				Without backrest	With backrest	Without backrest	With backrest		Single Tire	Double tire
2-stage wide view mast	AL35M200	2000	1675	2842	3142	170	170	6/6	3800	3800
	AL35M250	2500	1925	3342	3642	170	170	6/12	3800	3800
	AL35M270	2700	2025	3542	3842	170	170	6/12	3800	3800
	AL35M300	3000	2175	3842	4142	170	170	6/12	3500	3800
	AL35M330	3300	2325	4142	4442	170	170	6/12	3800	3800
	AL35M350	3500	2425	4342	4642	170	170	6/12	3800	3800
	AL35M360	3600	2475	4442	4742	170	170	6/12	3800	3800
	AL35M400	4000	2775	4842	5142	170	170	6/12	3800	3800
	AL35M430	4300	2925	5142	5442	170	170	6/6	3650	3800
	AL35M450	4500	3025	5342	5642	170	170	6/6	3350	3700
	AL35M500	5000	3275	5842	6142	170	170	6/6	2850	3300
	AL35M550	5500	3525	6342	6642	170	170	3/6	2400	3200
2-stage full-free lifting mast	AL35M600	6000	3775	6842	7142	170	170	3/6	1800	2800
	AL35U250	2500	1940	3391	3642	1039	798	6/12	3800	3800
	AL35U270	2700	2040	3591	3842	1139	898	6/12	3800	3800
	AL35U300	3000	2190	3891	4142	1289	1048	6/12	3800	3800
	AL35U330	3300	2340	4191	4442	1439	1198	6/12	3800	3800
	AL35U360	3600	2490	4491	4742	1589	1348	6/12	3800	3800
3-stage full-free lifting mast	AL35U400	4000	2740	4891	514					