



XA III SERIES

ELECTRIC FORKLIFT TRUCK WITH
LITHIUM POWER

With capacity of 2,000 to 3,800kg

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ISO 45001
ISO 45001:2018



ISO 14001
ISO 14001:2015



ISO 9001
ISO 9001:2015



HANGCHA Group conforms
to the European Safety
Requirements

BECOME THE FORKLIFT MEETING YOUR DIFFERENT NEEDS.

- EFFICIENT OPERATION
- COMFORTABLE EXPERIENCE
- RELIABLE AND DURABLE



- COST-EFFICIENT
- CONVENIENT MAINTENANCE
- CONVENIENT
- ERGONOMIC DESIGN

XA III SERIES ELECTRIC FORKLIFT TRUCK WITH LITHIUM POWER

Your reliable, powerful and connected working machine.

XA series four-wheel lithium battery forklifts are a new generation of products developed by Hangzhou. The design concept is to inherit the appearance of "Letting" series products while improving the performance of the products, expanding the optional battery capacity, optimizing the internal structure, and adopting a series of mature components, which can meet the requirements of more complex and high-intensity work.

REVOLUTIONARY PERFORMANCE.

EFFICIENT OPERATION

- Compared with the previous generation of "Lifting", it boasts better performance and stronger load capacity, capable of meeting the use requirements of higher-intensity operating conditions.
- Through the rational layout and optimal matching of the hydraulic and electrical systems, the energy loss is lower and the efficiency is higher.

Model	CP030-XA4-L	CP030-XA4-IL
Travel speed(km/h)	14/15	12/13
Lift speed(m/s)	400/500	290/400
Turning radius(mm)	2375	2375
Free lift(mm)	165	170
Axle loading (laden front/rear)(kg)	6430/830	6430/740
Drive motor rating (kW)	15	14.6
Lift motor rating(kW)	24	16

OPTIONAL BATTERY LIST

Capacity (Ah)	2.0-3.8t 80V
230	●
30A	○
Capacity (Ah)	2.0-3.8t 100V
150	○

Note: ● Battery Std. ○ Battery Opt. - Null



Higher optional battery capacity and longer battery life.



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.



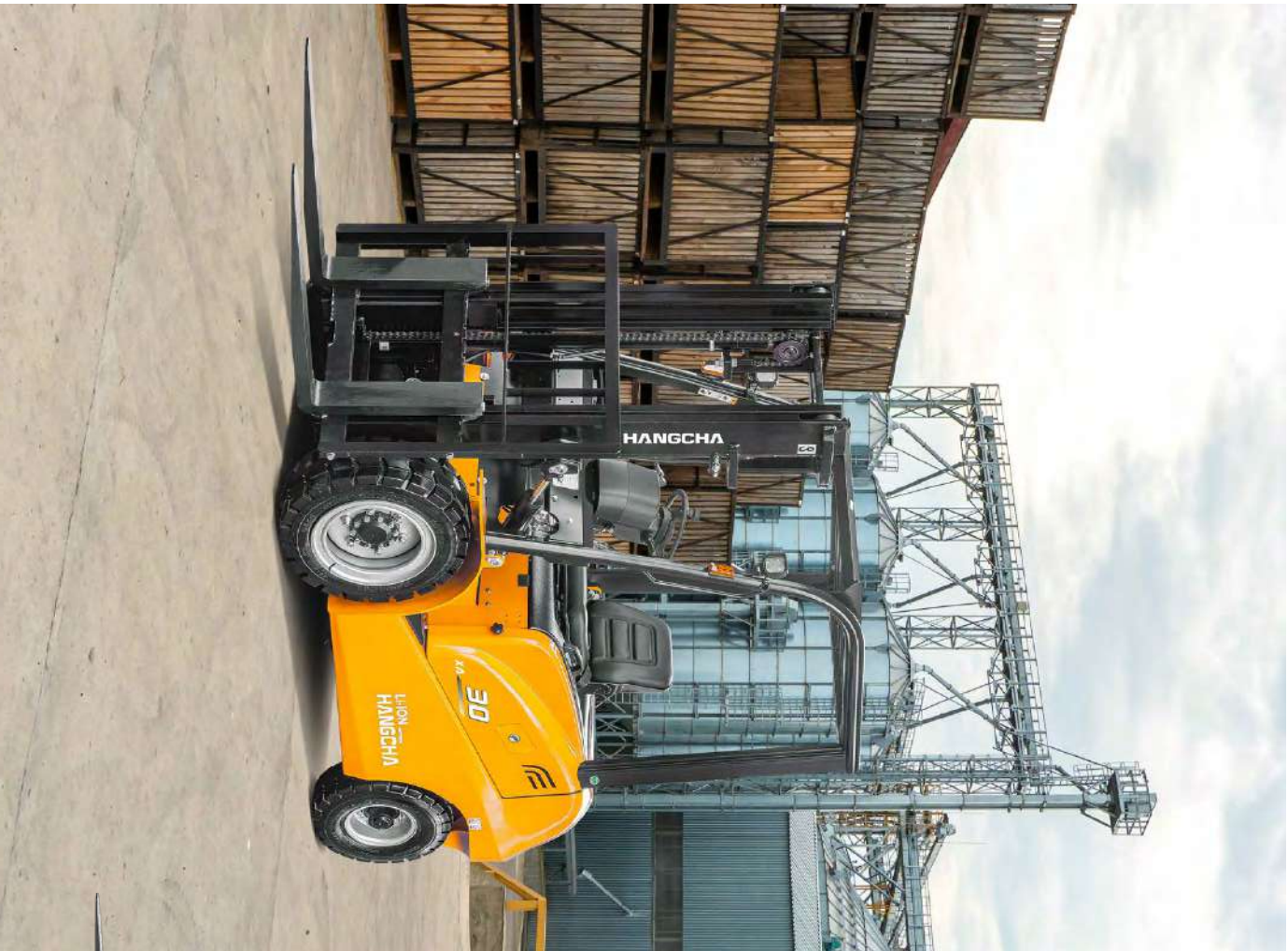
INTELLIGENT

The large-screen interactive instruments adopted are designed to have graphical interfaces, more adjustable parameters, and very intuitive graphic interfaces. The interfaces can be switched to be shown in Chinese and English to meet the needs of customers at home and abroad.



BRING REVOLUTIONARY TO YOUR JOB.





PROTECT YOUR INVESTMENT

RELIABLE AND DURABLE

- The sturdy and durable mast, front and rear axles, and tires for internal combustion forklifts are used. With a sufficient large distance from the ground, the forklift can be easily driven on the bumpy ground outdoors.
- The mature parts with an annual output of 100,000 pcs from Hangcha adopted allow better versatility, stable and reliable quality, and convenient maintenance.

 **100,000** pcs



FROM INTERNAL COMBUSTION VEHICLES



Frame



Drive axle



Steering bridge, tires



Top guard



COST-EFFICIENT

- Equipped with high-end key parts, the forklift is cost-efficient and enables easy handling.
- Optional 35A charger with a 220V charging plug provided is practical and convenient.
- The lithium battery of Hangcha Electric adopted has standard electric heating feature, exhibiting good quality and long service life without fear of the cold.



Technical Data

Distinguishing mark		HAMECHA GROUP CO., LTD.					
1.1	Manufacturer		CP020-XA,M-I	CP025-XA,M-I	CP030-XA,M-I	CP035-XA,M-I	CP038-XA,M-I
1.2	Manufacturer's type designation		Electric	Electric	Electric	Electric	Electric
1.3	Drive electric (battery or main) / diesel / petrol / fuel gas		Sealed	Sealed	Sealed	Sealed	Sealed
1.4	Operator type / hand, pedestrian, standing, seated, order-picker		Sealed	Sealed	Sealed	Sealed	Sealed
1.5	Rated capacity / rated load	kg	2000	2500	3000	3500	3800
1.6	Load centre distance	mm	500	500	500	500	500
1.7	Load capacity, centre of drive axle to fork	kg	462.5	462.5	477.5	482.5	482.5
1.8	Wheelbase	mm	1050	1050	1050	1050	1050
1.9	Service Weight	kg	3280	3650	4060	4480	4680
2.1	Axis loading, laden front/rear	kg	1450/1850	1450/2210	1750/2510	1750/2870	1700/2980
2.2	Axis loading, unladen front/rear	kg	1450/1850	1450/2210	1750/2510	1750/2870	1700/2980
2.3	Tyres, solid rubber, superelastic, pneumatic, polyurethane		Pneumatic	Pneumatic	Pneumatic	Pneumatic	Pneumatic
3.1	Tyre size, front		7.00-12-12PR	7.00-12-12PR	28x9-15-14PR	28x9-15-14PR	28x9-15-14PR
3.2	Tyre size, rear		6.00-9-10PR	6.00-9-10PR	6.50-10-10PR	6.50-10-10PR	6.50-10-11PR
3.3	Wheels, number front / rear (x driven wheel)		2x/2	2x/2	2x/2	2x/2	2x/2
3.4	Tread, front	mm	975	975	975	975	975
3.5	Tread, rear	mm	975	975	975	975	975
3.6	Tread, front	mm	975	975	975	975	975
3.7	Tread, rear	mm	975	975	975	975	975
4.1	Height, mast lowered	mm	1989	1989	2054	2189	2189
4.2	Height, mast extended	mm	1989	1989	2054	2189	2189
4.3	Free lift	mm	1989	1989	2054	2189	2189
4.4	Free lift	mm	1989	1989	2054	2189	2189
4.5	Height, mast extended	mm	1989	1989	2054	2189	2189
4.6	Height of overhead guard	mm	1989	1989	2054	2189	2189
4.7	Seat height / stand height	mm	1110	1110	1126	1126	1126
4.8	Seat height / stand height	mm	1110	1110	1126	1126	1126
4.9	Coupling height	mm	380	380	515	515	515
4.10	Overall length	mm	3600	3600	3755	3755	3755
4.11	Length to face of forks	mm	2520	2520	2680	2685	2685
4.12	Overall width	mm	1240	1240	1240	1240	1240
4.13	Overall width	mm	1240	1240	1240	1240	1240
4.14	Overall width	mm	1240	1240	1240	1240	1240
4.15	Overall width	mm	1240	1240	1240	1240	1240
4.16	Overall width	mm	1240	1240	1240	1240	1240
4.17	Overall width	mm	1240	1240	1240	1240	1240
4.18	Overall width	mm	1240	1240	1240	1240	1240
4.19	Overall width	mm	1240	1240	1240	1240	1240
4.20	Overall width	mm	1240	1240	1240	1240	1240
4.21	Overall width	mm	1240	1240	1240	1240	1240
4.22	Overall width	mm	1240	1240	1240	1240	1240
4.23	Overall width	mm	1240	1240	1240	1240	1240
4.24	Overall width	mm	1240	1240	1240	1240	1240
4.25	Overall width	mm	1240	1240	1240	1240	1240
4.26	Overall width	mm	1240	1240	1240	1240	1240
4.27	Overall width	mm	1240	1240	1240	1240	1240
4.28	Overall width	mm	1240	1240	1240	1240	1240
4.29	Overall width	mm	1240	1240	1240	1240	1240
4.30	Overall width	mm	1240	1240	1240	1240	1240
4.31	Overall width	mm	1240	1240	1240	1240	1240
4.32	Overall width	mm	1240	1240	1240	1240	1240
4.33	Overall width	mm	1240	1240	1240	1240	1240
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4.41	Overall width	mm	1240	1240	1240	1240	1240
4.42	Overall width	mm	1240	1240	1240	1240	1240
4.43	Overall width	mm	1240	1240	1240	1240	1240
4.44	Overall width	mm	1240	1240	1240	1240	1240
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4.47	Overall width	mm	1240	1240	1240	1240	1240
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4.49	Overall width	mm	1240	1240	1240	1240	1240
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4.94	Overall width	mm	1240	1240	1240	1240	1240
4.95	Overall width	mm	1240	1240	1240	1240	1240
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5.01	Overall width	mm	1240	1240	1240	1240	1240
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5.13	Overall width	mm	1240	1240	1240	1240	1240
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5.16	Overall width	mm	1240	1240	1240	1240	1240
5.17	Overall width	mm	1240	1240	1240	1240	1240
5.18	Overall width	mm	1240	1240	1240	1240	1240
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5.44	Overall width	mm	1240	1240	1240	1240	1240
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5.47	Overall width	mm	1240	1240	1240	1240	1240
5.48	Overall width	mm	1240	1240	1240	1240	1240
5.49	Overall width	mm	1240	1240	1240	1240	1240
5.50	Overall width	mm	1240	1240	1240	1240	1240
5.51	Overall width	mm	1240	1240	1240	1240	1240
5.52	Overall width	mm	1240	1240			

2-2.5t Mast specification

Type	Model	Lifting height	Lowered overall height			Overall height			Freelift height			Tilt range	Capacity/Mast vertical to ground					
			mm	mm	mm	Without backrest	With backrest	mm	Without backrest	With backrest	mm	mm	mm	mm	mm	mm	mm	mm
Duplex wide view mast	A2A25M200	2000	1449	2707	2707	3046	160	160	160	160	6/12	2000	2600	2600	2000	2600	2600	2600
	A2A25M670	2600	1749	3607	3607	3946	160	160	160	160	6/12	2000	2600	2600	2000	2600	2600	2600
	A2A25M70	2700	1849	3607	3607	3746	160	160	160	160	6/12	2000	2600	2600	2000	2600	2600	2600
	A2A25M300	3000	1949	3707	3707	4046	160	160	160	160	6/12	2000	2600	2600	2000	2600	2600	2600
	A2A25M320	3200	2149	4007	4007	4246	160	160	160	160	6/12	2000	2600	2600	2000	2600	2600	2600
	A2A25M350	3500	2249	4207	4207	4446	160	160	160	160	6/12	2000	2600	2600	2000	2600	2600	2600
	A2A25M400	4000	2349	4507	4507	4746	160	160	160	160	6/12	2000	2600	2600	2000	2600	2600	2600
	A2A25M450	4500	2449	4707	4707	4946	160	160	160	160	6/6	2000	2600	2600	2000	2600	2600	2600
	A2A25M460	4600	2499	4707	4707	5046	160	160	160	160	6/6	2000	2600	2600	2000	2600	2600	2600
	A2A25M480	4800	2599	5007	5007	5146	160	160	160	160	6/6	1950	2350	2000	2450	1900	2300	2450
Duplex full-free mast	A2A25M500	5000	2699	5107	5107	5246	160	160	160	160	6/6	1950	2350	2000	2450	1900	2300	2450
	A2A25M550	5500	2849	5607	5607	5646	160	160	160	160	3/6	1750	2150	1900	1800	2200		
	A2A25M600	6000	2899	6107	6107	6046	180	180	180	180	3/6	1550	1850	1600	1500	1800		
	A2A25M670	2700	1864	3719	3719	3946	1125	613	613	2000	2600	2600	2000	2600	2600	2600	2600	2600
	A2A25M70	3000	2014	3879	3879	4046	1275	889	889	6/12	2000	2600	2600	2000	2600	2600	2600	2600
Triplex full-free mast	A2A25M920	3300	2164	3979	3979	4246	1425	1019	1019	6/12	2000	2600	2600	2000	2600	2600	2600	2600
	A2A25M980	3800	2214	4279	4279	4446	1575	1189	1189	6/12	2000	2600	2600	2000	2600	2600	2600	2600
	A2A25M1400	4000	2664	4679	4679	5046	1825	1419	1419	6/12	2000	2600	2600	2000	2600	2600	2600	2600
	A2A25M1600	4200	2864	4739	4739	5046	1985	1619	1619	6/6	2000	2600	2600	2000	2600	2600	2600	2600
	A2A25M1800	4400	2914	4739	4739	5246	1985	1619	1619	6/6	2000	2600	2600	2000	2600	2600	2600	2600

SUBTRACT 100mg WITH INTERNAL SLOSHIFTER, SUBTRACT 150mg WITH EXTERNAL SLOSHIFTER.

3-3.8t Mast specification

Type	Model	Lifting height	Lowered overall height			Overall height			Freelift height			Tilt range	Capacity/Mast vertical to ground					
			mm	mm	mm	Without backrest	With backrest	mm	Without backrest	With backrest	mm	mm	mm	mm	mm	mm	mm	mm
Duplex wide view mast	A2A38M200	2000	1554	1669	2707	2942	3145	3145	165	170	165	170	6/12	3000	3500	3800	3000	3500
	A2A38M250	2500	1804	1919	3267	3342	3645	3645	185	170	165	170	6/12	3000	3500	3800	3000	3500
	A2A38M270	2700	1904	2019	3467	3542	3845	3845	185	170	165	170	6/12	3000	3500	3800	3000	3500
	A2A38M300	3000	2004	2119	3667	3742	4045	4045	185	170	165	170	6/12	3000	3500	3800	3000	3500
	A2A38M350	3500	2204	2319	4067	4142	4445	4445	185	170	165	170	6/12	3000	3500	3800	3000	3500
	A2A38M380	3800	2304	2419	4267	4342	4645	4645	185	170	165	170	6/12	3000	3500	3800	3000	3500
	A2A38M400	4000	2354	2469	4367	4442	4745	4745	185	170	165	170	6/12	3000	3500	3800	3000	3500
	A2A38M450	4500	2454	2569	4567	4642	4945	4945	185	170	165	170	6/6	3000	3400	3700	3000	3400
	A2A38M480	4800	2504	2619	4667	4742	5045	5045	185	170	165	170	6/6	3000	3400	3700	3000	3400
	A2A38M500	5000	2554	2669	4767	4842	5145	5145	185	170	165	170	6/6	2950	3200	3500	3000	3500
Duplex full-free mast	A2A38M550	5500	2654	2869	5167	5242	5545	5545	185	170	165	170	6/6	2870	3000	3300	2750	3100
	A2A38M600	6000	2854	3069	5567	5642	5945	5945	185	170	165	170	3/6	2250	2650	2950	2600	3100
	A2A38M650	6500	2854	3119	5667	5742	6045	6045	185	170	165	170	3/6	2250	2650	2950	2600	3100
	A2A38M70	2700	1924	3934	3934	3934	3845	3845	1018	1043	689	789	6/12	3000	3500	3800	3000	3500
	A2A38M720	2700	1974	3934	3934	3845	3845	3845	1118	1143	789	889	6/12	3000	3500	3800	3000	3500
Triplex full-free mast	A2A38M900	3000	2084	2184	3818	3893	4145	4145	1288	1283	939	1039	6/12	3000	3500	3800	3000	3500
	A2A38M920	3000	2134	2134	4118	4118	4445	4445	1448	1443	1089	1189	6/12	3000	3500	3800	3000	3500
	A2A38M980	3800	2384	2484	4418	4418	4745	4745	1688	1683	1289	1389	6/12	3000	3500	3800	3000	3500
	A2A38M1000	4000	2434	2434	4618	4618	4945	4945	1618	1613	1489	1589	6/12	3000	3500	3800	3000	3500
	A2A38M1050	4200	2484	2484	4818	4818	5145	5145	1618	1613	1689	1789	6/6	3000	3400	3700	3000	3400

SUBTRACT 100mg WITH INTEGRAL SLOSHIFTER, SUBTRACT 200mg WITH EXTERNAL SLOSHIFTER.
3.5-3.8t can be equipped with 4.5m triplex mast (for container work(218mm)).

Features

Truck	Standard	Options
Standard duplex mast	●	
Two-way multi-way valve	●	
Standard of fork, fork carriage and load backrest	●	
Traction pin	●	
Silent gear pump	●	
DC-DC converter	●	
Standard lithium battery	●	
Integral stamped side panel and hood	●	
Lifting and tilting joystick	●	
Front and rear solid tires	●	
Triple and quadruple multiway valves	●	
License plate frame	●	
Widened / heightened load backrest	●	
Widened fork carriage	●	
Forks of other lengths	●	
CE standard	●	
Duplex/Triplex mast	●	
Cab	●	
Fuse box	●	
Standard seat	●	
Pedal pad	●	
USB charging port	○	
Ceiling	○	
Front and rear windshields cab	○	
Controls and Instruments	●	
Combination Switch	●	
Speed meter selection	●	
Multi-functional color - screen instruments	●	
Drive and lifting controllers	●	
Safety	●	
Rearview mirror	●	
Emergency shut-off switch	●	
Handbrake	●	
Reverse buzzer	●	
Reverse voice buzzer, forward buzzer	○	
Fire extinguisher	○	
Left and right rearview mirrors	○	
Lights	●	
LED headlight, turn signal light, combination LED tail light	●	
LED rear lamp, blue light, three-sided one-lin projection light, alarm light	○	