

# Conversion from oil to electricity

Lithium electric forklift truck



锂电车

## ICE302B/ICE352B

3.0/3.5 ton lithium electric forklift

- Care for employees, green lithium electricity;
- Internal combustion vehicle chassis, strong and durable;
- Automotive lithium, high safety, long life;
- The benefits are numerous and economical.
- The benefits of the product are many and economical.
- Multiple scenarios, multiple working conditions.

# Product features

## 01 Care for employees, green lithium electricity

- The use of lower carbon, cleaner, more environmentally friendly lithium electric forklift, to fulfill social responsibilities.
- No smell, low noise, good for the health of front-line workers;
- 0 emission, clean green, protect the environment;
- Batteries do not require worker maintenance.



## 03 Automotive lithium, high safety, long life

- Warranty 5 years, lithium iron phosphate high security.



## 05 Wherever you can use, a worry-free

- Optional charging machine, to meet most working



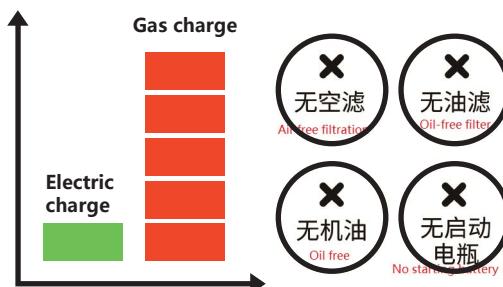
## 02 Internal combustion chassis, strong and durable

- Annual 300,000 sets, the market has used more than 20 years of front and rear bridge, lifting hydraulic and control system sets.



## 04 Many benefits, economic benefits

- Lithium-ion batteries are a more economical source of power.
- Less purchase cost: close to the price of internal combustion car lithium electric forklift;
- More cost savings: electricity is only 20% of the cost of oil;
- Less maintenance costs: no engine, no maintenance;
- Less maintenance cost: new lithium < 20,000 yuan;



## 06 Multi-scenario and multi-working conditions

- Really suitable for uneven road, all-weather lithium electric forklift.

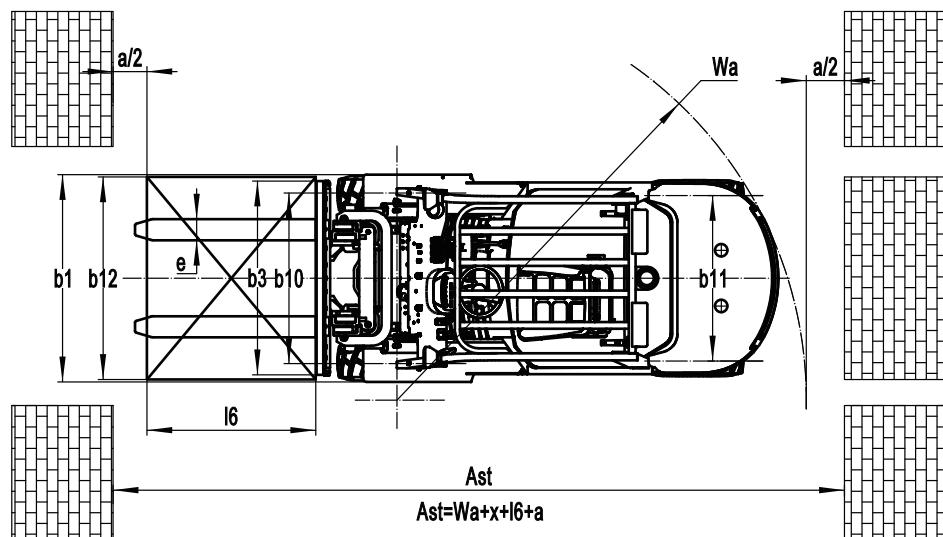
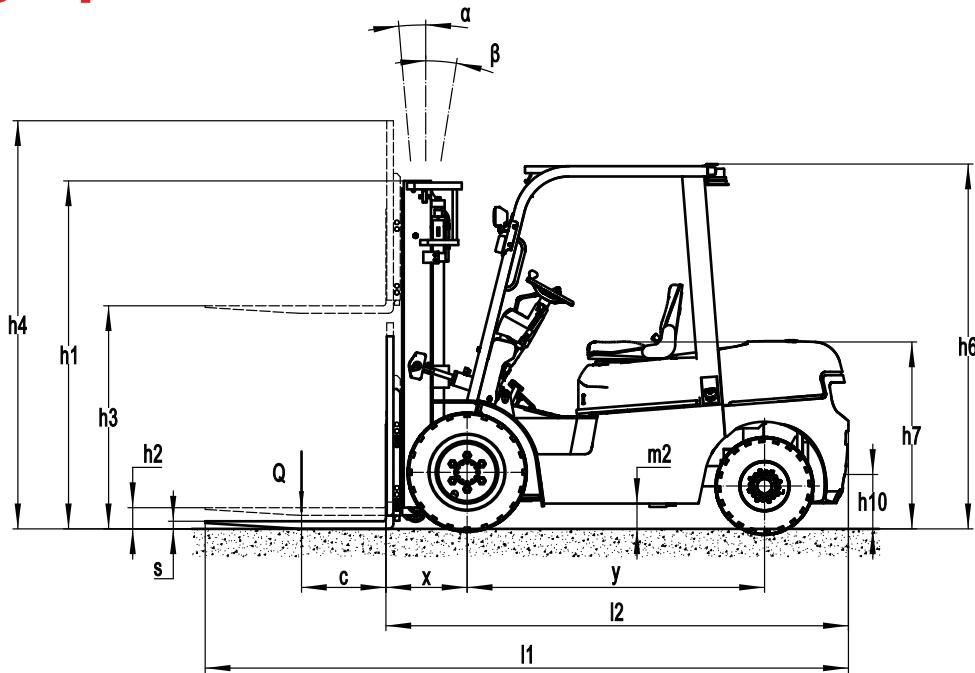


# Product parameters

Features	1.1	Brand			Xinxu	Xinxu
	1.2	Model			ICE302B	ICE352B
	1.3	Power form			Electric	Electric
	1.4	Type of operation			Ride-on type	Ride-on type
	1.5	Load	Q	kg	3000	3500
	1.6	Load center distance	c	mm	500	500
	1.8	Load length	x	mm	481	481
	1.9	Wheelbase	y	mm	1750	1810
	2.1	Self-weight		kg	4080	4560
	2.2	Axle load, full load driving end/bearing end		kg	6420/660	7100/960
Weight	2.3	Axle load, no load driving end/bearing end		kg	1740/2340	1670/2890
	3.1	Tire type, drive wheel/carrier wheel			Inflatable tyre	Inflatable tyre
	3.2	Front wheel (diameter x width)			28X9-15-14PR	28X9-15-14PR
	3.3	Rear wheel (diameter x width)			6.50-10-10PR	6.50-10-10PR
	3.5	Number of driving wheels, balancing wheels/bearing wheels (x= driving wheels)		mm	2x/2	2x/2
	3.6	Front wheel pitch	b10	mm	1010	1010
	3.7	Rear wheel pitch	b11	mm	980	980
	4.1	Angle of gantry or fork	α/β	°	6/10	6/10
	4.2	The lowest height after the gantry is lowered	h1	mm	2070	2070
	4.3	Free lifting height	h2	mm	120	120
Tire/chassis	4.4	Lifting height	h3	mm	3000	3000
	4.5	Height of the gantry at the time of maximum lifting	h4	mm	4110	4110
	4.7	Roof guard/cockpit height	h6	mm	2160	2190
	4.8	Seat/platform height off the ground	h7	mm	1130	1130
	4.12	Center height of traction pin	h10	mm	320	320
	4.19	Vehicle length (including tow hook)	l1	mm	3780	3940
	4.20	The length of the vertical plane of the fork	l2	mm	2710	2870
	4.21	Full vehicle width	b1/b2	mm	1230	1230
	4.22	Fork size	s/e/l	mm	45×125×1070	50×125×1070
	4.23	Cargo fork type			3A	3A
Size	4.24	Stop shelf width	b3	mm	1150	1150
	4.31	Full load door frame bottom clearance	m1	mm	120	120
	4.32	Ground clearance at the center of the wheelbase	m2	mm	150	150
	4.34.1	Width of right-angle stacking channel (1000 length ×1200 width of pallet)	Ast	mm	4181	4326
	4.34.2	Width of right-angle stacking channel (800 width ×1200 length of pallet)	Ast	mm	4381	4526
	4.35	Turning radius	Wa	mm	2500	2645
	5.1	Travel speed, full/empty		km/h	11/12	11/12
	5.2	Lifting speed, full load/no load		m/s	0.29/0.36	0.26/0.34
	5.3	Rate of descent, full/empty		m/s	0.4/0.43	0.4/0.43
	5.5	Traction (60min), full load/no load		N	—	—
Performance parameter	5.6	Maximum traction (5min), full load/no load		N	—	—
	5.8	Maximum climb, full load/no load		%	15/15	15/15
	5.10	Running brake			Hydraulic pressure	Hydraulic pressure
	5.11	Parking brake			Mechanical braking	Mechanical braking
	6.1	Drive motor rated power S2 60 minutes		kW	10	10
	6.2	Lifting motor rated S3 15%		kW	12	12
	6.4	Battery voltage/nominal capacity		V/Ah	80/220	80/280
	6.5	Battery weight		kg	—	—
	8.1	Drive control type			AC	AC
	10.5	Steering type			Hydraulic pressure	Hydraulic pressure
Motor	10.7	Noise level		dB(A)	< 74	< 74
Other data						

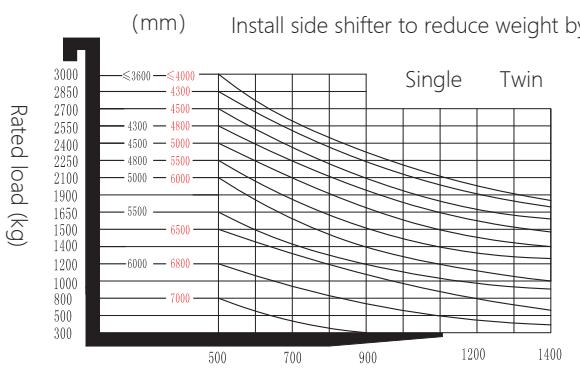
Subject to technical parameters or configuration improvement without prior notice, the chart shown may include non-standard configuration.

# Line graph

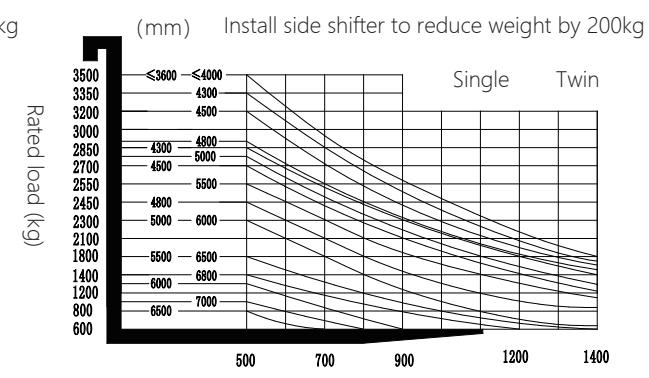


## Rated capacity

Load curve and load center distance diagram



Load curve and load center distance diagram



# Selection table

S/N	Matching item	ICE302B	ICE352B
1	Fork length	•1070◦Customized consultation	•1070◦Customized consultation
2	Accessory	No◦Built-in side shifter ◦ External hanging side shifter ◦ customized consultation	No◦Built-in side shifter ◦ External hanging side shifter ◦ customized consultation
3	Roof guard	• Conventional top protection frame ◦ customized consultation	• Conventional top protection frame ◦ customized consultation
4	Front wheel configuration	•Single wheel - Double wheel	•Single wheel - Double wheel
5	Tyre type	•Inflatable tire ◦ Rubber solid tire ◦ Environment-friendly solid tire	•Inflatable tire ◦ Rubber solid tire ◦ Environment-friendly solid tire
6	Headlamp	• Regular headlights - LED headlights	• Regular headlights - LED headlights
7	Auxiliary lamp	• No ◦ rear working light	• No ◦ rear working light
8	Security suite	• No ◦ Fire extinguisher ◦ Blue light	• No ◦ Fire extinguisher ◦ Blue light
9	Seat	• Conventional seats - Suspension seats	• Conventional seats - Suspension seats
10	Bridge	•No ◦ Standard cab ◦ with heater ◦ with front wiper ◦ with rear wiper	•No ◦ Standard cab ◦ with heater ◦ with front wiper ◦ with rear wiper
11	Rearview mirror	•Single rearview Mirror - Double rearview mirror	•Single rearview Mirror - Double rearview mirror
12	Electric fan	• No ◦ single fan	• No ◦ single fan
13	Charger	•80V65A◦80V130A◦80V200A◦80V60A (built-in)	•80V65A◦80V130A◦80V200A◦80V60A (built-in)
14	Lithium battery	•80V220Ah◦80V280Ah◦80V410Ah	•80V280Ah◦80V410Ah

Note: • Standard ◦ Matching —No

## Mast option

Type of gantry	Door raised height(h3)	Gantry height			Free lifting height(h2)	
		Minimum height after gantry drop (h1)	Door raised height(h4)		No stop shelf	Stopper shelf
			mm	mm		
Two-stage wide field of view	2700	1920	3270	3810	120	120
	3000	2070	3570	4110	120	120
	3300	2220	3690	4410	120	120
	3500	2320	3890	4610	120	120
	3600	2370	3990	4710	120	120
	4000	2620	4040	5110	120	120
	4300	2770	4340	5410	120	120
	4500	2870	4290	5610	120	120
Two levels full freedom	2500	1805	2220	3610	1210	560
	2700	1905	2320	3810	1310	660
	3000	2055	2620	4110	1460	810
	3300	2205	3870	4410	1610	960
	3600	2355	4020	4710	1760	1110
	4300	2095	4910	5410	1360	730
Tertiary total freedom	4500	2175	5070	5610	1460	810
	4800	2280	5375	5910	1565	915
	5000	2365	5570	6110	1610	960
	5500	2615	6150	6610	1770	1120
	6000	2865	6570	7110	2020	1370