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# HECHA LIFT TRUCK

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## HECHA Electric Forklift FB Series

**HECHA**  
LIFT TRUCK | Enjoy Easy Lifting

Authorized Dealer Stamp

HECHA Intelligent Equipment CO., LTD

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**HECHA**  
**LIFT TRUCK**

Enjoy Easy Lifting

## 3&4 Wheel Electric Forklift

**Ultra-Efficient,  
Powerful Solution for Your Warehouse**

Are you still looking for a lift truck that combines excellent performance with high cost-effectiveness? Our electric forklift is able to meet the above two requirements in abundance.

Thanks to their innovative 3-phase AC motors, our electric forklift trucks combine impressive performance with minimal energy consumption. With the continuous improvement of the battery technology, our electric forklift is able to complete more work within a single battery charge.

A high-quality electric forklift is an essential component for your intralogistics solution. The low-noise diesel forklifts work perfectly outdoors and can easily be operated on uneven surfaces.

Maybe it's your first time purchasing a forklift from overseas, and you'll be confused when choosing from different options. Please kindly don't worry, whatever your requirements are, our team will work with you together to find the perfect forklift to suit your needs.

Let's say goodbye to the tough warehouse work and **Enjoy Easy Lifting** together!





## Technical Features

### Excellent Visibility:

The new compact mast has greatly improved the visibility, providing the driver with excellent views of the load and the operating environment.

### Ergonomic Design:

Operator and machine working as one. The operator can operate all control elements with minimum effort and utmost precision.

### Security:

The protective net of the overhead guard at the front protects the operator or instrument from being injured by the scattered cargo.

### Anti-rust and anti-corrosion

The exposed fasteners are made of stainless steel to prevent rust;  
Tilt the cylinder protective sleeve to prevent direct exposure of the cylinder.



### Waterproof

The whole truck adopts a waterproof AMP connector to prevent short circuit caused by condensate water from entering.

### Low-temperature Resistant Oil Products and Parts:

Key components such as motors, electric controls, switch components, etc. are equipped under  $-30^{\circ}\text{C}$  working conditions. Hydraulic oil, gear oil, and lubricating grease all meet the requirements of low temperature work; The high-pressure hose adopts materials suitable for low-temperature environments.

### Low Energy Consumption:

Equipped with LED signal lights, energy saving.

### Optional Choose for Battery Capacity and Type:

Both lead-acid and lithium batteries are available, battery capacity also can be adjusted for different use situations.



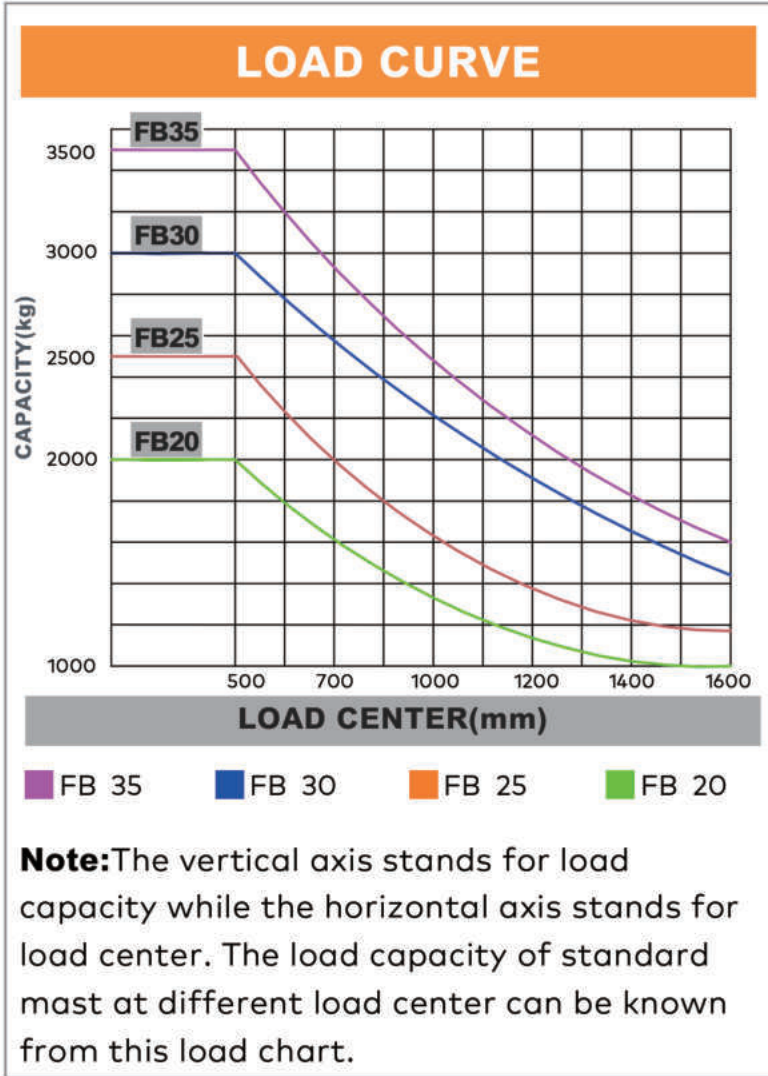
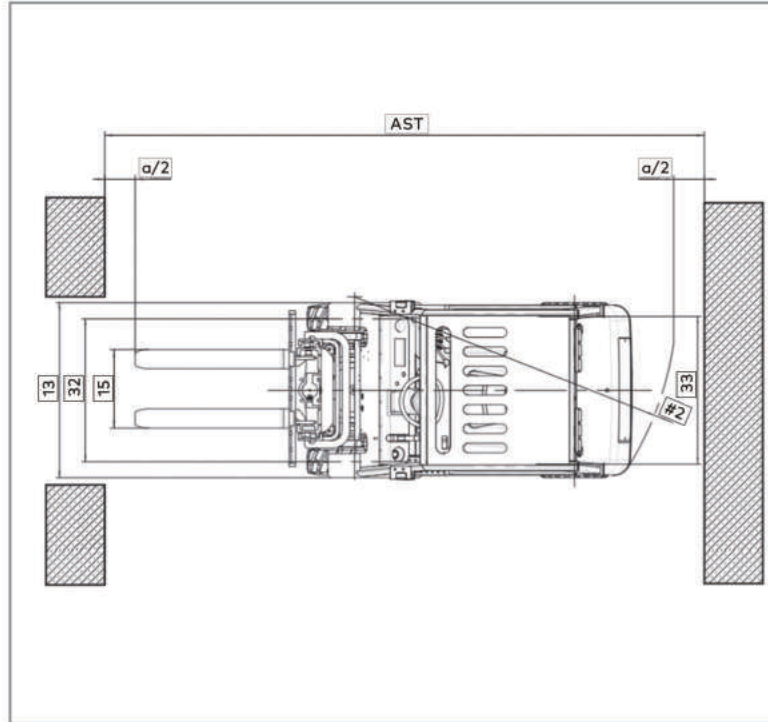
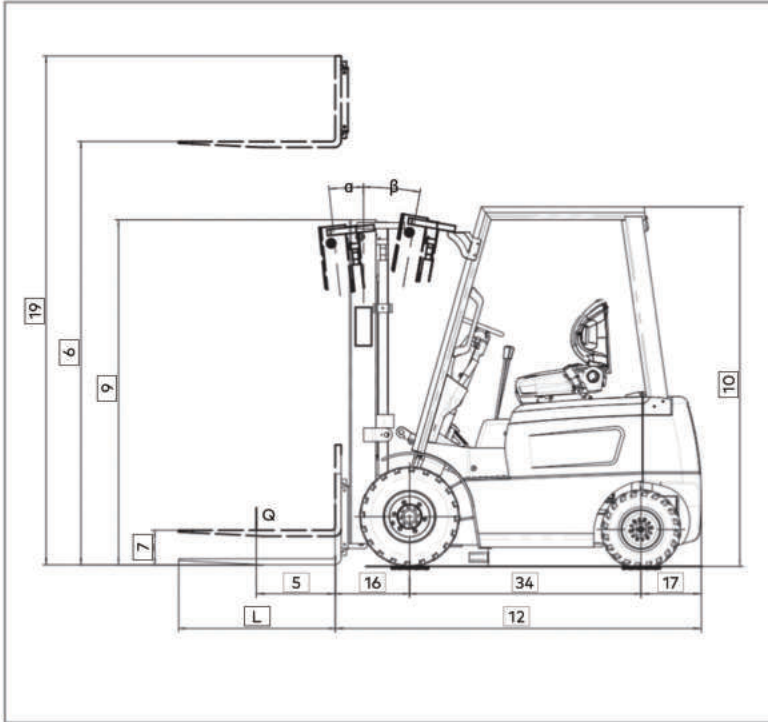
# Technical Parameters

## 4 Wheel Electric Forklift Characteristics

1.1	Model Name	metric	4FB15	4FB20	4FB25	4FB30	4FB35
1.2	Power Source		Lead acid battery (Li-ion battery)	Lead acid battery (Li-ion battery)	Lead acid battery (Li-ion battery)	Lead acid battery (Li-ion battery)	Lead acid battery (Li-ion battery)
1.3	Rated Capacity	kg	1500	2000	2500	3000	3500
1.4	Load Center	mm	500	500	500	500	500
<b>Dimension</b>							
2.1	Wheels, X=Driven Wheels (Front/Rear)		2x/2	2x/2	2x/2	2x/2	2x/2
2.2	Overall Length	mm	2174	2265	2265	2485	2485
2.3	Overall Width	mm	1080	1170	1170	1240	1240
2.4	Mast Height, Lowered	mm	1990	1990	1990	2050	2010
2.5	Overhead Guard Height	mm	2027	2085	2085	2120	2120
2.6	Overhang: front	mm	434	465	465	465	465
2.7	Overhang: rear	mm	340	300	300	350	350
2.8	Min.Right Angle Stacking Aisle Width	mm	2065	2065	2065	2340	2340
2.9	Turning Radius, Min Outside	mm	1900	2065	2065	2230	2230
<b>Specification</b>							
3.1	Lifting Speed(Laden)	mm/s	350	350	350	350	230
3.2	Lifting Speed(Unladen)	mm/s	420	420	420	420	420
3.3	Lowering Speed(Laden)	mm/s	500	500	500	500	500
3.4	Lowering Speed(Unladen)	mm/s	500	500	500	500	500
3.5	Gradeability(Laden)	%	15	20	15	20	15
3.6	Battery, Voltage/Capacity	v/ah	48/450	48/630	48/630	80/540	80/540
3.9	Drive Motor Power	kw/60min	8	11	11	15	15
<b>Tyre</b>							
4.1	Tyre Type(Front/Rear)		pneumatic	pneumatic	pneumatic	pneumatic	pneumatic
4.3	Wheel Size, Front		6.00-9	21x8-9	21x8-9	23x9-10	23x9-10
4.4	Wheel Size, Rear		16x6-8	16x6-8	16x6-8	18x7-8	18x7-8
4.5	Front Tread	mm	930	975	975	1040	1040
4.6	Rear Tread	mm	915	915	915	980	980
4.7	Wheelbase	mm	1400	1500	1500	1700	1700

## 3 Wheel Electric Forklift Characteristics

1.1	Model Name	metric	3FB16	3FB18	3FB20
1.2	Power Source		Lead acid battery (Li-ion battery)	Lead acid battery (Li-ion battery)	Lead acid battery (Li-ion battery)
1.3	Rated Capacity	kg	1500	2000	2500
1.4	Load Center	mm	500	500	500
<b>Dimension</b>					
2.1	Wheels, X=driven wheels (front/rear)	mm	35*100*1070	40*100*1070	40*100*1070
2.2	Overall Length(without forks)	mm	2030	2030	2035
2.3	Overall Width	mm	1080	1140	1140
2.4	Mast Height, Lowered	mm	2010	2010	2010
2.5	Overhead Guard Height	mm	2040	2040	2040
2.6	Fork overhang	mm	340	340	340
2.7	Fork overhang	mm	190	190	190
2.8	Min.right angle stacking aisle width	mm	2170	2170	2170
2.9	Turning radius	mm	1700	1700	1700
<b>Specification</b>					
3.1	Lifting Speed(Laden)	mm/s	500	450	400
3.2	Lifting Speed(Unladen)	mm/s	600	550	550
3.3	Travelling Speed(Laden)	mm/s	500	500	500
3.4	Travelling Speed(Unladen)	mm/s	500	500	500
3.5	Gradeability(Laden)	%	25	24	22
3.6	Battery voltage/capacity(5 hours)	v/ah	48/720	48/720	48/720
3.9	Drive Motor Power	kw/60min	11	11	11
<b>Tyre</b>					
4.1	Tyre type(front/rear)		pneumatic	pneumatic	pneumatic
4.3	Wheel size, front		18x7-8	200/50-10	200/50-10
4.4	Wheel size, rear		16x6-8	16x6-8	16x6-8
4.5	Front tread	mm	910	920	920
4.6	Rear tread	mm	180	180	180
4.7	Wheelbase	mm	1500	1500	1500



- ### Standard Configuration
- High efficiency AC Driving Motor |
  - Multi-functions dashboard Full Electric Controlled Travelling, Lifting and Steering | Front lighting System |
  - Turning Indicator | Rear Combination Lights (LED) |
  - Big dimension rubber pad | Emergency Switch |
  - Reversing Beeper | Hydraulic Power Steering |
  - Tool box | Standard Forks | 3m Duplex Mast |
  - Side Pulling Out Battery
- ### Optional Configuration
- Big Capacity Battery |
  - High Performance Battery Charger |
  - Super Elastic Solid Tyre | Non-marking Tyre|
  - Other Dimension Load backrest | Other Dimension Forks |
  - Duplex Mast with Full Free Lift |
  - Triplex mast with Full Free lift | Integrated Side Shift |
  - Other Attachments