



## 2.5 T Model C Electric

### Forklift

Hilima Company is a leading China engineering vehicles and new energy vehicles manufacturer, supplier and exporter. Adhering to the pursuit of perfect quality of products, so that our 2.5 T Model C Electric Forklift have been satisfied by many customers. Extreme design, quality raw materials, high performance and competitive price are what every customer wants, and that's also what we can offer you. Of course, also essential is our perfect after-sales service. If you are interested in our 2.5 T electric forklift, you can consult us now, we will reply to you in time!

## 1. Product introduction of the 2.5 T Model C Electric

### Forklift

2.5 T Model C Electric Forklift is a new product of our company. It adopts high capacity lead-acid maintenance-free battery, which has low cost and large capacity. The operating cost is one third of that of a conventional diesel engine version.

·The body, head and arm of the whole car are made of high strength manganese steel, which is resistant to extrusion and wear and no deformation.

·The whole car body adopts baking process, paint adhesion is strong, never change color.

·6.5 KW AC permanent magnet, strong power, high efficiency.

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## 2. Product parameter of the 2.5 T Model C Electric

### Forklift

Size			
front overhang	L2	mm	410
tilt of the mast, front/rear	$\alpha/\beta$	°	5/10
height, mast retraction	H1	mm	2030
free lift height	H3	mm	/
overall maximum lift height	H	mm	3000
Height of mast extended	H2	mm	4055
overhead guard height	H4	mm	2110
lateral Fork Adjustment(Outside of Forks)Max/Min	W5	mm	1040/100
fork size(LxWxT)	T*W*L4	mm	40*122*1070
truck body length(fork excluded)	L'	mm	2230
truck body width	W1	mm	1150
turning radius	R	mm	2200
groubd clearance under mast	H5	mm	88
Ground clearance at center of wheelbase(laden)	H6	mm	110
width of aisle right-angle stacking(pallet1000x1000mm clearance 200mm)	Ast	mm	3750
width of aisle right-angle stacking(pallet1200x1200mm clearance 200mm)	Ast	mm	3950

### 3. Product feature and application of the 2.5 T Model C

#### Electric Forklift



#### Detailed parameters

Performance			
Driving speed, full load/unload	km/h		9/10
lifting speed, full load/unload	mm/s		180/200
Speed of lowering , full load/unload	mm/s		450
maximum climbing capacity, full load/unload	%		15/20
Weight			
service mass(with battery)	kg		3100
axle load: unload: front/rear	kg		
axle load: load, front/rear	kg		
battery voltage /nominal capacity	V/Ah		72V/210Ah

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battery weight	kg	360
Electrical configuration		
drive motor power-60 minutes	kW	6KW AC permanent magnet synchronous motor
lift motor power-15 minutes	kW	6.5 KW AC permanent magnet synchronous motor
drive motor controlling mode		MOSFET/AC
lifting motor controlling mode		MOSFET/AC
service brake/parking brake		Hydraulic

