

HUAYEE

MODEL

DF35

ELECTRIC FORKLIFT

3.5 TON TYPE D



FEATURED CONFIGURATIONS

- >The low pedal for getting on and off the vehicle is equipped with safety handrails, fully considering human needs.
- >Intelligent instrument, with intuitive display of power, usage time, and fault codes, makes operation and maintenance more convenient.
- >The simple design of the counterweight tail fully considers practicality and saves costs.
- >Adjustable steering wheel, wide field of view door frame, safe and comfortable riding, increasing driver comfort.

SAFETY ANALYSIS

- >Low voltage automatic protection, extending battery life.
- >The emergency stop button can quickly and easily cut off all power sources in case of operational errors or emergency situations, to avoid accidents.
- >Specially designed roof protection frame, with stable design and stronger protection.
- >Regenerative braking, anti slip on slopes, ensuring driving safety.

MAINTENANCE

- >Permanent magnet synchronous motor, maintenance free.
- >The dashboard can display fault codes for easy maintenance and repair.
- >High performance maintenance free battery.
- >Controller self diagnostic system Pneumatic tires.



PRODUCT PARAMETERS

MAST TABULAR ETC.

DF35 Electric Forklift Gantry Parameter Table&Optional Items Table

Characteristics	Unit	Parameter
Model		DF35
Driving Mode		Seated
Rated Capacity	KG	3500
Load Center Distance	mm	500
Power Mode		Lead-Acid Battery
Wheel Base	mm	1850
Performance		
Travel Speed, Laden/Unladen	km/h	10/10
Lifting Speed, Laden/Unladen	mm/s	200/300
Lowering Speed, Laden/Unladen	mm/s	450
Maximum Negotiable Gradient,Laden/Unladen	%	12/20
Weight		
Service Mass(with battery)	KG	4400
Axle Load:Unloaded, Front/Rear	KG	
Axle Load:Loaded, Front/Rear	KG	
Battery Voltage / Nominal Capacity	V/Ah	72V/260Ah
Battery Weight	KG	430
Electrical Configuration		
Drive Motor Power-60 Minutes	KW	9 Permanent Magnet Synchronization
Lift Motor Power- 15 Minutes	KW	9 Permanent Magnet Synchronization
Drive Motor Controlling Mode		MOSFET/AC
Lifting Motor Controlling Mode		MOSFET/AC
Service Brake/Parking Brake		Hydraulic/Mechanical
Tyre		
Tyre Type		Pneumatic Tire
Wheels Number (front/rear)		2/2
Front Track	mm	1002
Rear Track	mm	994
Tyre (front)		28*9-15
Tyre (rear)		18*7-8
Size		
Front Overhang	mm	467
Tilt Of The Mast,Front/Rear	°	5/10
Height, Mast Retraction	mm	2057
Free Lift Height	mm	120
Overall Maximum Lift Height	mm	3000
Height,mast extended	mm	4200
Overhead Guard Height	mm	2200
Lateral Fork Adjustment (Outside Of Forks)Max/Min	mm	1100/244
Fork Size(L*W*T)	mm	45*122*1070
Truck Body Length(Fork Excluded)	mm	2680
Truck Body Width	mm	1225
Turning Radius	mm	2300
Ground Clearance Under Mast	mm	82
Ground Clearance At Center Of Wheelbase(Laden)	mm	145
Width Of Aisle Right-Angle Stacking (pallet 1000x1000mm clearance 200mm)	mm	4100
Width Of Aisle Right-Angle Stacking (pallet 1200x1200mm clearance 200mm)	mm	4300

Form	3.5T									
			Overall Height		Free Lifting Height		Gantry Inclination Angle		Rated Load	
	Model	Maximum Lifting Height	Stable Height	Shelves With Shelves	Shelves Without Shelves	Shelves With Shelves	Shelves Without Shelves	Front	After	Load Center Distance 500
2-Level Wide-Field Mast	mm	mm	mm	mm	mm	mm	mm			3 3.5
	M250	2500	1786	3652	3297	120	120	5	10	3000 3500
	M300	3000	2080	4152	3797	120	120	5	10	3000 3500
	M330	3300	2230	4452	4097	120	120	5	10	3000 3500
	M350	3500	2330	4652	4297	120	120	5	10	3000 3500
	M400	4000	2630	5152	5097	120	120	5	6	2800 3250
2-Level Full Free Mast	M450	4500	2880	5652	5297	120	120	5	6	2500 2850
	U250	2500	1936	3652	3247	684	1089	5	10	3000 3500
	U300	3000	2195	4152	3747	894	1299	5	10	3000 3500
	U370	3700	2495	4752	4347	1203	1608	5	10	2800 3250
3-Level Full Free Mast	N430	4300	2095	5452	5083	899	1268	5	6	2550 2850
	N450	4500	2152	5652	5283	979	1348	5	6	2400 2750
	N480	4800	2252	5952	5583	1079	1448	5	6	2250 2450
	N500	5000	2395	6152	5783	1145	1514	5	6	2100 2300
	N550	5500	2630	6652	6283	1309	1678	3	3	1650 1800
	N600	6000	2865	7152	6783	1475	1844	3	3	1200 1300
	N650	6500	3098	7652	7283	1703	2072	3	3	900 1000

* All lateral displacement rated loads reduced by 130 kilograms.

Serial Number	Optional Items	
1	Fork Length	○
2	Folding Fork	○
3	Battery Capacity	○
4	Imported Battery	/
5	Solid Rubber Tires	○
6	Environmentally Friendly Solid Tires	○
7	Special For Cold Storage	○
8	Battery Side Pull	/
9	Weighing System With Fork	○
10	Overhead Guard (Highly Customized, Low Body)	○
11	Mast Options (Height, Level)	○
12	Attachments (Adjustable Forks, Skewers, Grab Clips, Etc.)	○
13	Side Shift	○
14	Solenoid Proportional Valve	/
15	Led Headlight	○
16	Rear Headlight	○
17	Warning Light	○
18	Fire Extinguisher	○
19	Battery Water Replenishment Device	○
20	Seat (SC1\Advanced Seat\With Elastic Suspension)	○
21	Seat Switch	○
22	Heater (Optional In The Cabin)	○
23	Front Wiper (Cabin Configuration)	○
24	Rear Wiper (Cabin Configuration)	/
25	Cabin	○
26	Front Dual Tires	○
27	Dual Left And Right Reversing Mirrors	○
28	OPS System (When People Leave The Seat, The Mast Does Not Lower)	○
29	Customized Shelf Width (Sliding Frame Adjusted Together)	○
30	Battery Side Pull Trolley (Optional Battery Side Pull Counterweight)	/
31	Electric Fan	○
32	Charger Voltage (220V)	○
33	Drive-In Rack	○
Note: ● Standard Configuration ○ Optional / None		