



# FB20/25H Electric Forklift

ZOOMLION

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### Machine Parameters

Feature		FB20H-L1	FB25H-L1
Power type	Battery	Battery	Battery
Rated capacity	kg(t)	2000(2.00)	2500(2.50)
Load center	mm(in)	24/100	24/100
Lifting height	mm(in)	188/400	188/400
Full free lifting height	mm(in)	177/415	177/415
Fork length (mm/in)		487/19.167 (520/20.472)	487/19.167 (520/20.472)
Mast tilt angle (Forward/Backward)	°	6/6	6/6
Min. Turning radius	R (mm)	387/2000	70/2000
Min. stacking right angle channel width	R (mm)	1427/37.56	154/39.04
Min. ground clearance	mm(in)	42/1.65	42/1.65
Overhead guard height	mm(in)	862/21.66	862/21.66
Front overhang	L (mm)	185/4.70	185/4.70
Rear overhang	L (mm)	114/2.90	132/3.32
<b>Performance</b>			
Max. climbing speed (full load)	mm/h	103/4.5	103/4.5
Max. lifting speed (empty)	mm/h	137/20.60(19.0)	137/20.60(19.0)
Max. climbing ability (gradeability)	%/°	20	18
<b>Size</b>			
Overall length (without fork)	L (mm)	1367/11.65	1327/10.67
Overall width	W (mm)	466/11.80	471/11.85
Mast height	H (mm)	862/21.66	862/21.66
Max. fork lifting height (with truck)	mm	159/4.00	159/4.00
<b>Chassis</b>			
Front wheel		230R-10-16FR	230R-10-16FR
Rear wheel		180R-8-14FR	180R-8-14FR
Wheelbase	L (mm)	617/15.50	617/15.50
Wheel load (front/rear)	S (kg/mm)	37.8/37.4 (84/83)	38.7/37.8 (85/84)
Curb weight (standard)	kg	990/21.80	990/21.80
<b>Engine</b>			
Battery (voltage/capacity)	V/Ah	48/280	48/280
Running motor model		YD0115-4-6190	YD0115-4-6190
Lifting motor model		YD0105-4-4	YD0105-4-4
Running motor power	kw	11.5	11.5
Lifting motor power	kw	15	15
Controller		CLRTS	CLRTS
Controller type		AC	AC
Work pressure	MPa	17.5	17.5

### S-Triplex Full Free Mast

Lift Height	Lifting Capacity (Landing Center)		Mast Lifting Height		Rear Lifting Height		Mast Tilt Angle (°)	
	kg	mm	mm	mm	mm	mm	mm	mm
110	2000	237/60.18	140	180	35	6/6	-	-
142	1200	1935	69	180	35	6/6	-	-
177	1200	1935	75	180	35	6/6	-	-
177	1000	1870	75	212	41	6/6	-	-
177	800	1805	81	218	41	6/6	-	-
188	1000	1900	85	229	45	6/6	-	-
191	2000	2000	88	237	48	6/6	-	-
217	2200	2172	96	257	56	7/6	-	-
246	1600	2060	100	277	63	7/6	-	-

## Electric Forklift



The low resistance design of the tires reduces energy consumption.



Special charging port (convenient charging).



Optional fingertip control system set to the end (forward, backward, lateral) and emergency stop switch, a horn, lighting control and other control buttons in time.



An automobile-like design of the steering wheel and direction switch makes operation more convenient & working more efficiently.

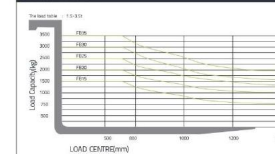


The shock absorption design of the steering axle reduce the vibration greatly when travelling.

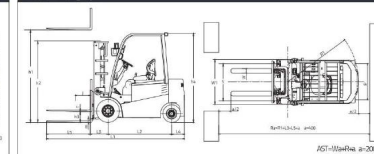


Standard LED front light and combination rear lights.

### CAPACITY CHART



### Machine 2D graph



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