

FB15Z-35Z

FB15Z-35Z Electric Forklift



CATUR SIGMA SINERGI
Material Handling & Lifting Equipment

ZOOMLION

FB15Z-35Z Electric Forklift



Alternate walking motor and lifting motor with automatic protection and free maintenance.



Curtis LED screen with settings of walking and lifting performance; it can monitor the running of motor, thus get working hours and fault code;



Standard mast with wide view and improved lifting speed; Strengthened channel steel makes a solid mast with better capacity



The employment of antiskid tire with slip cover and deep pattern can automatically distribute the load on both axes, which makes forklift travelling smooth in cold weather;



Optional lithium battery with quick charge.



Optional sensing system on the seat to lock the working device when the operator leave the seat, which can avoid misoperation.

Machine Parameters

Features		FB15	FB20	FB25	FB30	FB35
Power	—	Battery	Battery	Battery	Battery	Battery
Rated Capacity	kg	1500	2000	2500	3000	3500
Center of load	J(mm)	500	500	500	500	500
Lifting height	h1(mm)	3000	3000	3000	3000	3000
Free lifting height	h3(mm)	135	145	145	145	145
Forks L×W×H	L5×W×T(mm)	920×100×35	920×122×40	1070×122×40	1070×125×45	1070×125×50
Tilt Forward/Backward	°	6/12	6/12	6/12	6/12	6/12
Min.turning radius	R1(mm)	1850	2090	2090	2245	2385
Min right angle stalking width	Ra(mm)	3570	3885	4035	4195	4350
Min.ground clearance(Mast)	m(mm)	100	110	110	120	120
Overhead guard height	h4(mm)	2100	2160	2160	2186	2305
Front overhang	L3(mm)	400	475	475	480	495
Rear overhang	L4(mm)	335	434	434	429	429
Performance						
Max.traveling speed(loaded)	km/h	12	13	13	13.5	13
Max.lifting speed(loaded/empty)	mm/s	260/285	280/300	280/300	280/300	280/300
Drawbar pull/Gradeability	kN/%	5.5/15	7/15	7/15	12/15	12/15
Size						
Overall length with fork	L1(mm)	2905	3279	3429	3581	3700
Overall width	W1(mm)	1090	1150	1150	1238	1238
Mast lowered height	h2(mm)	1990	1995	1995	2065	2155
Mast extended height	mm	4025	4025	4025	4260	4265
Chassis						
Tire(Front)	—	6.50-10-10PR	7.00-12-12PR	7.00-12-12PR	28×9-15-14PR	28×9-15-14PR
Tire(Rear)	—	5.00-8-10PR	18x7-8-14PR	18x7-8-14PR	18×7-8	18×7-8
Wheelbase	L2(mm)	1250	1450	1450	1600	1720
Tread width(Front/Rear)	S/P(mm)	900/930	972/956	972/956	1000/980	1000/980
Curb weight(Non-load)	kg	2990	3950	4050	4900	5150
Engine						
Battery(Voltage/Capacity)	V/Ah	48/450	48/630	48/630	80/520	80/585
Battery Model		D-450	D-630	D-630	D-520	D-585
Running motor model	—	XYQD-8JH1	XYQ-11-6H	XYQ-11-6H	XYQ-12-5H	XYQ-12-5H
Lifting motor model	—	XQD-7.5-2SW1H	XYQ-8.6SW	XYQ-8.6SW	XQD-12S-2	XQD-12S-2
Running motor power	kw	8	11	11	12	12
Lifting motor power	kw	7.5/10	8.6/14	8.6/14	12/14	12/14
Work pressure	MPa	14.5	17.5	17.5	17.5	17.5

2-Stage Standard Mast

Lifting Height	Capacity					Mast Height								Mast Tilt Angle
	1.5T	2T	2.5T	3T	3.5T	1.5T		2-2.5T		3T		3.5T		
mm	Single Tire	Single Tire	Single Tire	Single Tire	Single Tire	Forks Landing	Height with Backrest	Forks Landing	Height with Backrest	Forks Landing	Height with Backrest	Forks Landing	Height with Backrest	°
	kg	kg	kg	kg	kg	mm	mm	mm	mm	mm	mm	mm	mm	
2000	1500	2000	2500	3000	3500	1490	3025	1495	3025	1565	3260	1655	3265	6/12
2500	1500	2000	2500	3000	3500	1740	3525	1745	3525	1815	3760	1905	3765	6/12
3000	1500	2000	2500	3000	3500	1990	4025	1995	4025	2065	4260	2155	4265	6/12
3300	1500	2000	2500	3000	3500	2140	4325	2145	4325	2215	4560	2305	4565	6/12
3500	1500	2000	2500	3000	3500	2240	4525	2245	4525	2315	4760	2405	4765	6/12
3700	1500	2000	2500	3000	3500	2340	4725	2345	4725	2415	4960	2505	4965	6/12
4000	1500	2000	2500	3000	3200	2540	5025	2545	5025	2615	5260	2705	5265	6/12
4500	1300	1800/*1900	2200/*2400	2600/*3000	2850/*3350	2790	5525	2795	5525	2865	5760	2955	5765	6/6 *6/12
5000	950/*1150	1300/*1700	1450/*2200	2100/*2850	2200/*2850	3040	6025	3045	6025	3115	6260	3205	6265	6/6 *6/6
5500	*1000	*1500	*1700	1550/*2400	1850/*2500	3340	6525	3345	6525	3415	6760	3505	6765	*3/6
6000	*650	*1300	*1400	1100/*2000	1400/*2200	3590	7025	3595	7025	3665	7260	3755	7265	*3/6

2-Stage Full Free Mast

Lifting Height	Capacity					Mast Height								Free Lifting Height				Mast Tilt Angle
	1.5T	2T	2.5T	3T	3.5T	1.5T		2-2.5T		3T		3.5T		1.5T	2-2.5T	3T	3.5T	
mm	Single Tire	Single Tire	Single Tire	Single Tire	Single Tire	Forks Landing	Height with Backrest	Forks Landing	Height with Backrest	Forks Landing	Height with Backrest	Forks Landing	Height with Backrest	Height with Backrest	Height with Backrest	Height with Backrest	Height with Backrest	°
	kg	kg	kg	kg	kg	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	
2000	1500	2000	2500	3000	3500	1490	3035	1495	3035	1565	3275	1595	3273	495	511	337	367	6/12
2500	1500	2000	2500	3000	3500	1740	3535	1745	3535	1815	3775	1845	3773	745	761	587	617	6/12
3000	1500	2000	2500	3000	3500	1990	4035	1995	4035	2065	4275	2095	4273	995	1011	837	867	6/12
3300	1500	2000	2500	3000	3500	2140	4335	2145	4335	2215	4575	2245	4573	1145	1161	987	1017	6/12
3500	1500	2000	2500	3000	3500	2240	4535	2245	4535	2315	4775	2345	4773	1245	1261	1087	1117	6/12
3700	1500	2000	2500	3000	3500	2340	4735	2345	4735	2415	4975	2445	4973	1345	1361	1187	1217	6/12
4000	1500	2000	2500	3000	3200	2540	5035	2545	5035	2615	5275	2645	5273	1545	1561	1387	1417	6/12

3-Stage Full Free Mast

Lifting Height	Capacity					Mast Height								Free Lifting Height				Mast Tilt Angle
	1.5T	2T	2.5T	3T	3.5T	1.5T		2-2.5T		3T		3.5T		1.5T	2-2.5T	3T	3.5T	
mm	Single Tire	Single Tire	Single Tire	Single Tire	Single Tire	Forks Landing	Height with Backrest	Forks Landing	Height with Backrest	Forks Landing	Height with Backrest	Forks Landing	Height with Backrest	Height with Backrest	Height with Backrest	Height with Backrest	Height with Backrest	°
	kg	kg	kg	kg	kg	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	
3600	1500	2000	2500	3000	3300	1725	4590	1765	4625	1830	4865	1830	4870	730	781	602	607	6/6
4000	1300	2000	2500	3000	3200	1860	4990	1900	5025	1965	5270	1965	5275	865	916	737	742	6/6
4350	1200/*1300	1870/*2000	2370/*2500	2600/*2900	3000	1975	5340	2015	5375	2080	5615	2080	5620	980	1031	852	857	6/6
4500	1200/*1250	1750/*2000	2070/*2500	2450/*2800	2850/*3200	2025	5490	2065	5525	2130	5765	2130	5770	1030	1081	902	907	6/6
4800	1100/*1200	1650/*1800	1750/*2300	2250/*2550	2500/*2900	2125	5790	2165	5825	2230	6065	2230	6070	1130	1181	1002	1007	6/6
5000	1000/*1100	1450/*1650	1500/*2150	2000/*2400	2400/*2850	2195	5990	2230	6025	2295	6260	2295	6265	1200	1246	1067	1072	6/6
5500	*1000	*1350	*1650	1550/*2300	1850/*2500	2415	6490	2395	6525	2460	6755	2460	6765	1420	1411	1232	1237	*3/6
6000	*650	800/*1100	*1300	1100/*2100	1400/*2200	2575	6990	2615	7025	2680	7265	2680	7270	1580	1631	1452	1457	*3/6

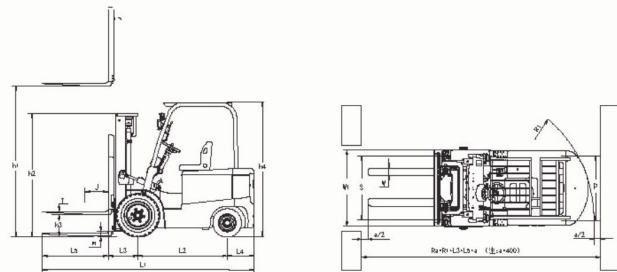
Standard Equipment

- | | | |
|--|--|--|
| ☐ Wideview mast | ☐ Lamp bracket | ☐ Combined instrument pannel |
| ☐ Standard fork | ☐ Timer | ☐ Durable pneumatic tire |
| ☐ Standard seat | ☐ Parking brake | ☐ Hydraulic oil return filter |
| ☐ Backrest | ☐ Lifting & tilting handle | ☐ Hydraulic oil intake filter |
| ☐ Reversing light | ☐ Speed limit valve | ☐ Hydraulic oil level gauge |
| ☐ Reversing buzzer | ☐ Traction pin | ☐ Oil pressure indicator |
| ☐ Rearview mirror | ☐ Headlamp | ☐ Key switch |
| ☐ Light switch | ☐ Adjustable steering wheel | ☐ Service brake |
| ☐ Overhead guard | ☐ Tilt oil passage self-locking valve | ☐ Turning signal |
| ☐ Electric Horn | ☐ Hydraulic powered steering | ☐ LED Engine flameout device |
| ☐ 2 piece multi valve | ☐ Handle | ☐ Toolbox |
| ☐ Rear lamp | ☐ Water temperature gauge | |
| ☐ Steel grid guard | ☐ Metal pedal pad | |

Options

- | | |
|---|--|
| ☐ Windshield | ☐ Fire extinguisher |
| ☐ Two/three stage full-free mast | ☐ Tilt cylinder dust cover |
| ☐ Cab | ☐ Optional painting |
| ☐ Solid tyre | ☐ Luxury seat |
| ☐ Rotary work alarming light | ☐ Auxiliary hydraulic unit |
| ☐ Mini fan | ☐ Tilt cylinder dust cover |
| ☐ File clip | ☐ Turning Automatic speed limit |
| ☐ Color tire (white / green) | ☐ Low rolling resistance tyre |
| ☐ Double tire protection | ☐ Rear light |

Machine 2D Graph)



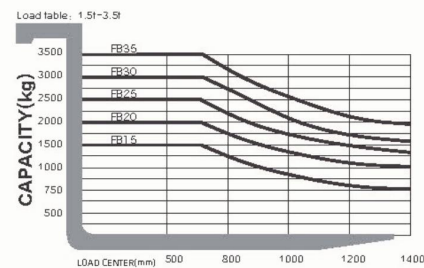
Attachment

- ☐ Side shifter
- ☐ hook
- ☐ Hinged fork
- ☐ Carpet boom
- ☐ Extended fork
- ☐ Lifting boom
- ☐ Paper roll clamp
- ☐ Bale clamp
- ☐ rotator
- ☐ barrel clamp
- ☐ Optional width carriage
- ☐ Loading pusher
- ☐ Fork cover

Parameter Specification

Type	Battery box size (L×W×H) (mm)	Capacity(Ah)	Standard
FB15	990*645*480	450	9DB450
FB15	990*645*480	495	9DB495
FB20-25	1070*810*515	630	9PzS630
FB20-25	1070*810*515	720	9PzS720H
FB30	1126*900*515	520	8DB520H
FB35	1126*1020*515	585	9DB585H

Capacity Chart



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