

FB15Z/20H/25H/30Z/35Z 4 Wheel Electric Counterbalance



ZOOMLION

LIFTING SOLUTIONS

4 Wheel Electric Counterbalanced

No worries

DISTINGUISHING MARKS	1.1	Manufacturer			Zoomlion	Zoomlion	Zoomlion	Zoomlion	Zoomlion
	1.2	Manufacturer's type designation			FB15Z	FB20 Z/H	FB25 Z/H	FB30 Z	FB35 Z
	1.3	Drive			Electric	Electric	Electric	Electric	Electric
	1.4	Operation			Seated	Seated	Seated	Seated	Seated
	1.5	Rated load capacity	Q	kg	1500	2000	2500	3000	3500
	1.6	Load center distance	c	mm	500	500	500	500	500
	1.8	Load spacing	x	mm	400	475	475	480	495
	1.9	Wheel base	y	mm	1250	1450	1450	1600	1720
	WEIGHTS	2.1	Empty weight (incl. Battery)		kg	2990	3950	4050	4980
2.2		Axle loading, laden	front/rear	kg	2995/745	5325/835	6025/935	6835/1085	7345/1185
2.3		Axle loading, unladen	front/rear	kg	1250/1490	1625/2535	1725/2735	1960/2960	2030/3060
TYRES/CHASSIS	3.1	Tyres			SE	SE	SE	SE	SE
	3.2	Tyres size	front		6.50-10-12PR	7.00-12-12PR	7.00-12-12PR	28x9-15-14PR	28x9-15-14PR
		Tyres size	rear		5.00-8-8PR	18x7-8	18x7-8	18x7-8	18x7-8
	3.5	Wheels, number (x = driven)			2x / 2	2x / 2	2x / 2	2x / 2	2x / 2
	3.6	Track width (front/rear)	b10/b11	mm	930/900	972/956	972/956	1000/980	1000/980
	BASIC DIMENSIONS	4.1	Tilt of mast / Fork carriage (+ = forward)		°	+6 / -12	+6 / -12	+6 / -12	+6 / -12
4.2		Height with mast lowered	h1	mm	1990	1995	1995	2065	2095
4.3		Free lift	h2	mm	135	145	145	145	145
4.4		Rated lift (*) (**)	h3	mm	3035	3040	3040	3045	3050
4.5		Height with mast extended	h4	mm	4025	4025	4025	4260	4265
4.7		Height above cabin roof	h6	mm	2100	2160	2160	2186	2305
4.8		Seat height in terms of SIP	h7	mm	1005	980	980	1005	1125
4.9		Couplings height	h10	mm	250	435	435	435	435
4.19		Overall length (without forks)	l1	mm	2905	3279	3429	3581	3700
4.20		Length including fork backs	l2	mm	1985	2359	2359	2511	2630
4.21		Overall width	b1	mm	1065	1170	1170	1200	1200
4.22		Fork dimensions	s/e/l	mm	35/105/920	40/122/920	40/122/1070	45/125/1070	50/125/1070
4.23		Fork carriage ISO2328, class/form A,B			III A	III A	III A	III A	III A
4.24		Fork carriage width	b3	mm	1038	1100	1100	1100	1100
4.31		Ground clearance under mast	m1	mm	110	110	110	120	120
4.32		Ground clearance wheel base center	m2	mm	105	110	110	115	115
4.34.1		Working aisle width with pallet 1000 x 1200 crossways	Ast	mm	3858	4329	4329	4457	4657
4.34.2		Working aisle width with pallet 800 x 1200 lengthways	Ast	mm	3941	4298	4298	4484	4679
4.35	Turning radius	Wa	mm	1823	2090	2090	2245	2385	
4.36	Smallest pivoting distance	b13	mm	656	760	760	760	863	
PERFORMANCE	5.1	Driving Speed (laden/unladen)		km/h	13/12	14/13	14/13	14/13	14/16
	5.2	Lifting Speed (laden/unladen)		m/s	0,4/0,28	0,4/0,3	0,4/0,3	0,4/0,3	0,4/0,3
	5.3	Lowering speed (laden/unladen)		m/s	0,48/0,42	0,475/0,425	0,450/0,425	0,475/0,425	0,480/0,425
	5.5	Drawbar pull (laden/unladen)		kN	13,7	13,7	13,7	13,7	13,7
	5.8	Max. gradeability (laden/unladen)		%	15	15	15	12	12
	5.10	Service brake			Mech / Hydr	Mech / Hydr	Mech / Hydr	Mech / Hydr	Mech / Hydr
ENGINES' DATA	6.1	Drive motor, output with S3 = 60 min.		kW	8	11	11	12	12
	6.2	Lifting motor		kW	10	14	14	14	14
	6.3	Battery according to DIN 43531/35/36 A,B,C, no			43531 A	43531 A	43531 A	43536 A	43536 A
	6.4	Battery Voltage	U	V	48	48	48	80	80
	6.4.1	Battery capacity K5		Ah	400	630	630	520	585
	6.5	Battery weight		kg	650	1050	1050	1350	1440
	6.6	Energy consumption 60 VDI cycles/hour		kWh/h	3	4	4,4	5	5,2
MISCELLANEOUS	10.1	Working pressure for accessory equipment		bar	170	170	180	180	185
	10.2	Oil volume for accessory equipment		l/min	38	42	42	40	40
	10.7	Sound pressure Level LpAZ (operator position, open cab)		dB(A)	85	85	85	85	85
	10.8	Trailer coupling			PIN	PIN	PIN	PIN	PIN

(*) The nominal lift stated includes the tyre deflection and tyre diameter tolerances
 (**) Values with standard forks; these values may vary

