



ELECTRIC REACH TRUCK (SEATED)

LFZ Series is our new reach truck, with 1600kg and 2000kg capacity for option, whose mast can move forward and backward. This truck has compact body and small turning radius, which is suitable for medium storage density, high turn-over rate, very narrow aisle stacking and single/double sided pallet with forged forks.



REDUCING COST BY USING REACH TRUCK

Pre selection height function is optional for LFZ series reach truck, which can improve work efficiency and stacking precision.



Flexible EPS steering



3-pivot design, with better stacking stability



Excellent mast loading performance and wide vision mast



New LED display

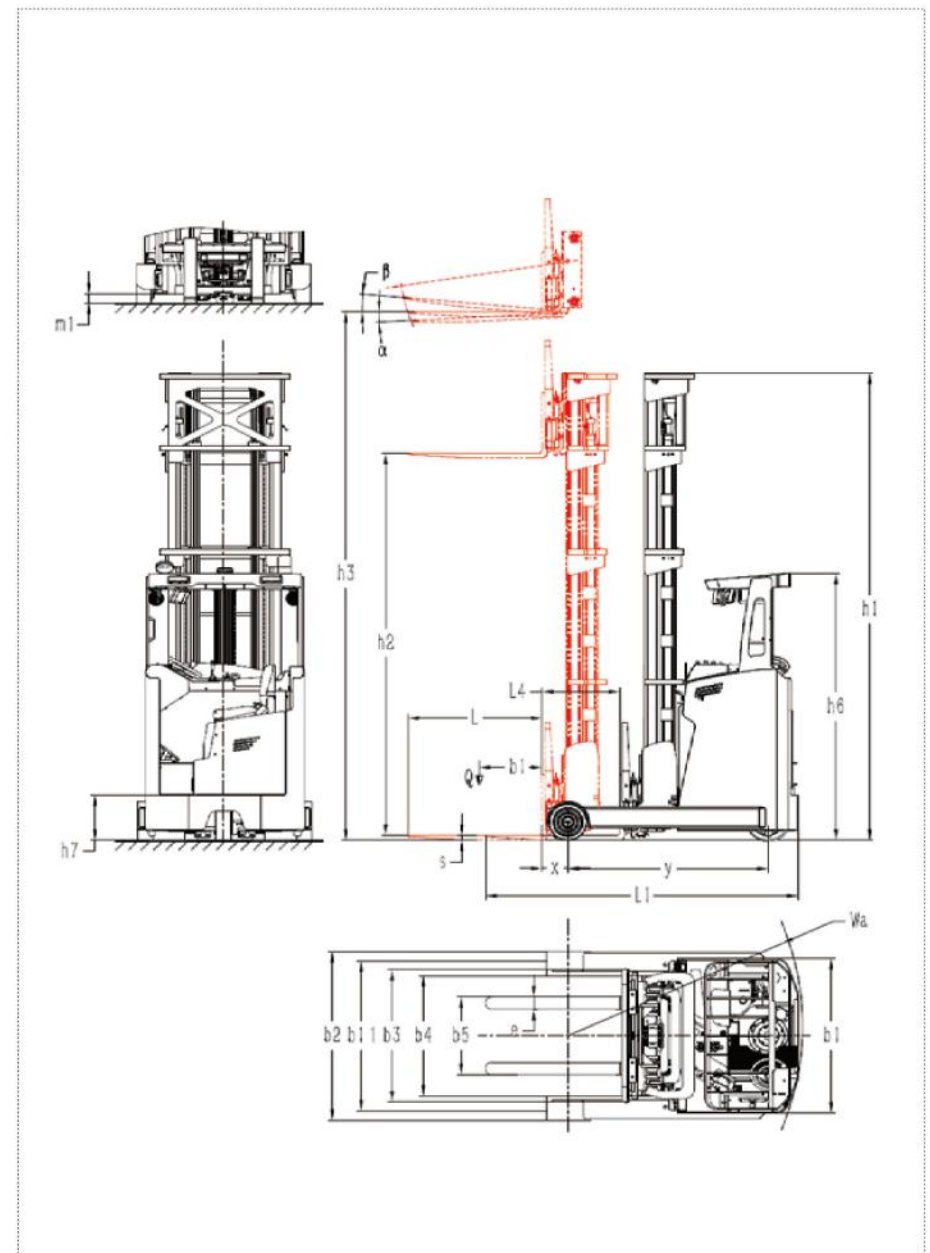


Ergonomic suspension seat

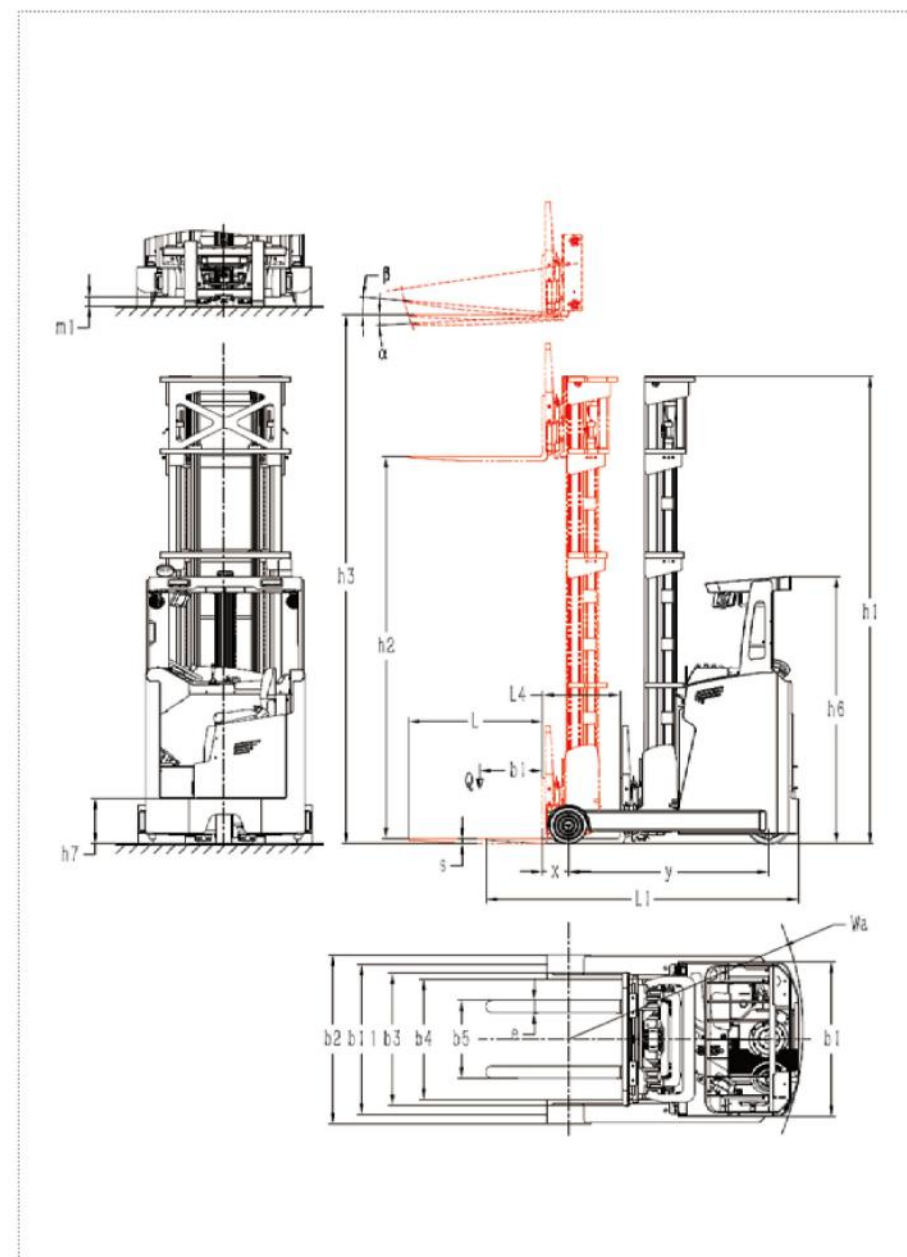


Pre selection height system (optional)

Standard			
1.1	Brand	Eoslift	Eoslift
1.2	Model	LFZ16 (Standard Mast)	LFZ16 (High-Performance Mast)
1.3	Power type	Battery	Battery
1.4	Operation type	Seated	Seated
1.5	Rated capacity	Q (kg)	1600
1.6	Load center	C(mm)	500
1.7	Front overhang	x (mm)	205
1.8	Wheelbase	y (mm)	1425
Weight			
2.1	Service weight(incl. battery)	kg	3710
Wheel			
3.1	Wheel type	PU	PU
3.2	Load wheel	mm	$\phi 300 \times 120$
3.3	Drive wheel	mm	$\phi 343 \times 108$
3.4	Auxiliary wheel	mm	/
3.5	Number of wheels, front/rear(x=drive wheel)		2/1X
3.6	Wheel tread, drive side	bl0 (mm)	/
3.7	Wheel tread, load side	bl1 (mm)	1170
Size			
4.1	Fork tilting	$\alpha/\beta(^{\circ})$	3/5
4.2	Mast closed height	h1 (mm)	3250
4.3	Free lift height	h2 (mm)	2585
4.4	Lift height	h3 (mm)	7500
4.5	Mast extended height with load-backrest	h4 (mm)	8470
4.6	Overhead guard height	h5 (mm)	2200
4.7	Stand board height	h7 (mm)	376
4.8	Overall length	l1 (mm)	2340
4.9	Overall width	b1/b2 (mm)	1270/1290
4.10	Fork size	l/e/s (mm)	1070 $\times$ 100 $\times$ 35
4.11	Fork carriage width	b3 (mm)	1090
4.12	Fork outside width	b5 (mm)	222-750
4.13	Inner leg width	b4 (mm)	890
4.14	Reach stroke	l4 (mm)	583
4.15	Mast ground clearance	m1 (mm)	75
4.16	Aisle width for pallet 1000*1200mm(C=600mm)	Ast (mm)	2764
4.17	Aisle width for pallet 800*1200mm(C=600mm)	Ast (mm)	2814
4.18	Turning radius	Wa (mm)	1700
Function			
5.1	Driving speed(load/unload)	km/h	8.5/10
5.2	Lifting speed(load/unload)	mm/s	210/340
5.3	Lowering speed(load/unload)	mm/s	300/250
5.4	Max. gradeability(load/unload)(S2-5min)	%($\tan \theta$)	≤ 10
5.5	Brake type		Mechanical
Drive			
6.1	Driving motor(S2-60min)	kw	5.5
6.2	Lifting motor(S3-15%)	kw	8.6
6.3	Battery voltage/capacity	V/Ah	48/420
6.4	Option: lithium battery voltage/capacity	V/Ah	48/300
6.5	Battery weight	kg	780
6.6	Steering system		EPS
Other			
7.1	Battery replacement type		Front pull



Standard			
1.1 Brand		Eoslift	Eoslift
1.2 Model		LFZ20	LFZ20
1.3 Power type		(Standard Mast)	(High-Performance Mast)
1.4 Operation type		Battery	Battery
1.5 Rated capacity	Q(kg)	2000	2000
1.6 Load center	C(mm)	500	500
1.7 Front overhang	x(mm)	205	205
1.8 Wheelbase	y(mm)	1525	1600
Weight			
2.1 Service weight(incl. battery)	kg	4000	4670
Wheel			
3.1 Wheel type		PU	PU
3.2 Load wheel	mm	φ300×120	φ300×120
3.3 Drive wheel	mm	φ350×120	φ350×120
3.4 Auxiliary wheel	mm	/	/
3.5 Number of wheels, front/rear(x=drive wheel)		2/ 1X	2/ 1X
3.6 Wheel tread, drive side	b10(mm)	/	/
3.7 Wheel tread, load side	b11(mm)	1170	1270
Size			
4.1 Fork tilting	α/β(°)	3/5	3/5
4.2 Mast closed height	h1(mm)	3250	4184
4.3 Free lift height	h2(mm)	2585	3482
4.4 Lift height	h3(mm)	7500	10000
4.5 Mast extended height with load-backrest	h4(mm)	8470	10960
4.6 Overhead guard height	h6(mm)	2200	2200
4.7 Stand board height	h7(mm)	376	376
4.8 Overall length	l1(mm)	2421	2496
4.9 Overall width	b1/b2(mm)	1270/1290	1270/1390
4.10 Fork size	l/e1(mm)	1070X122X40	1070X122X40
4.11 Fork carriage width	b3(mm)	1090	1090
4.12 Fork outside width	b5(mm)	222-772	222-700
4.13 Inner leg width	b4(mm)	890	990
4.14 Reach stroke	l4(mm)	617	617
4.15 Mast ground clearance	m1(mm)	75	75
4.16 Aisle width for pallet 1000*1200mm(C=600mm)	Ast(mm)	2838	2912
4.17 Aisle width for pallet 800*1200mm(C=600mm)	Ast(mm)	2882	2956
4.18 Turning radius	Wa(mm)	1798	1872
Function			
5.1 Driving speed(load/unload)	km/h	8.5/10	8.5/10
5.2 Lifting speed(load/unload)	mm/s	210/340	260/360
5.3 Lowering speed(load/unload)	mm/s	300/250	300/250
5.4 Max. gradeability(load/unload)(S2-5min)	%(tanθ)	≤10	≤10
5.5 Brake type		Mechanical	Mechanical
Drive			
6.1 Driving motor(S2-60min)	kw	5.5	5.5
6.2 Lifting motor(S3-15%)	kw	8.6	12.8
6.3 Battery voltage/capacity	V/Ah	48/560	48/560
6.4 Option: lithium battery voltage/capacity	V/Ah	48/450	48/450
6.5 Battery weight	kg	920	920
6.6 Steering system		EPS	EPS
Other			
7.1 Battery replacement type		Front pull	Front pull



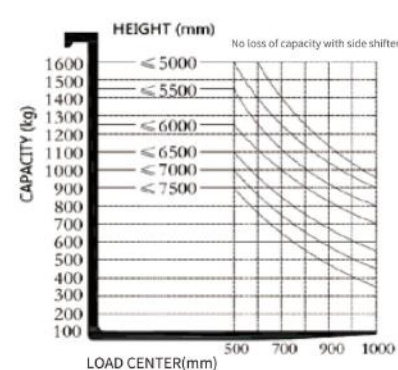
Triplex full free mast		LFZ16 (Standard Mast)							
Model	LFZ	16-45	16-50	16-55	16-60	16-65	16-70	16-72	16-75
Lift height	h3(mm)	4500	5000	5500	6000	6500	7000	7200	7500
Mast extended height with load-backrest	h4(mm)	5470	5970	6470	6970	7470	7970	8170	8470
Mast closed height	h1(mm)	2250	2416	2584	2750	2916	3084	3150	3250
Free lift height	h2(mm)Note[1]	1590	1756	1924	2090	2256	2424	2490	2590

Triplex full free mast		LFZ20 (Standard Mast)							
Model	LFZ	20-45	20-50	20-55	20-60	20-65	20-70	20-72	20-75
Lift height	h3(mm)	4500	5000	5500	6000	6500	7000	7200	7500
Mast extended height with load-backrest	h4(mm)	5470	5970	6470	6970	7470	7970	8170	8470
Mast closed height	h1(mm)	2250	2416	2584	2750	2916	3084	3150	3250
Free lift height	h2(mm)Note[1]	1590	1756	1924	2090	2256	2424	2490	2590

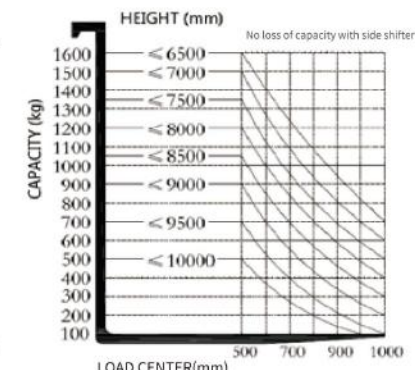
Triplex full free mast		LFZ16 (High-Performance Mast)							
Model	LFZ	16-60	16-65	16-70	16-75	16-80	16-85	16-90	16-100
Lift height	h3(mm)	6000	6500	7000	7500	8000	8500	9000	10000
Mast extended height with load-backrest	h4(mm)	6970	7470	7970	8470	8970	9470	9970	10970
Mast closed height	h1(mm)	2750	2916	3084	3250	3517	3684	3850	4184
Free lift height	h2(mm)Note[1]	2050	2216	2384	2550	2816	2982	3150	3482

Triplex full free mast		LFZ20 (High-Performance Mast)							
Model	LFZ	20-60	20-65	20-70	20-75	20-80	20-85	20-90	20-100
Lift height	h3(mm)	6000	6500	7000	7500	8000	8500	9000	10000
Mast extended height with load-backrest	h4(mm)	6970	7470	7970	8470	8970	9470	9970	10970
Mast closed height	h1(mm)	2750	2916	3084	3250	3517	3684	3850	4184
Free lift height	h2(mm)Note[1]	2050	2216	2384	2550	2816	2982	3150	3482

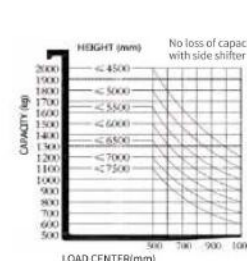
Note[1]:The free lift height does not include load-backrest and needs to be 270mm lower if with standard backrest.



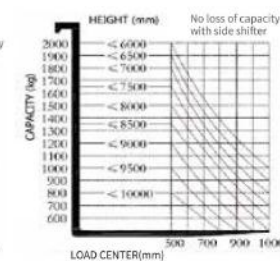
LFZ16 Standard Mast



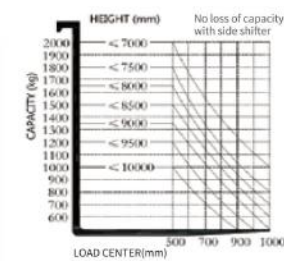
LFZ16 High-Performance Mast



LFZ20 Standard Mast



LFZ20 High-Performance Mast



LFZ20 High-Performance Mast with 750AH Battery