

LONKING Product Series

LONKING 龙工



Standard Configuration

- Curtis Controller
- EPS
- AC Drive System
- Mechanical Disk Brake
- Solid Pu Wheel
- Side Pull Battery Design
- Mast Buffering System
- Slope Auxiliary Regenerative Braking System
- Intelligent Charger
- LED Head Lamp

Options

- Drive Wheel Position Display
- Multi-functional Instrument
- Solid Rubber Tyre
- Camera
- Side Shifter
- Carpet Booms Etc Attachments
- Special Used For Drive-in Rack
- Cold Storage Use
- AGV

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For more information on Lonking products,
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Machines shown may not include optional accessories.



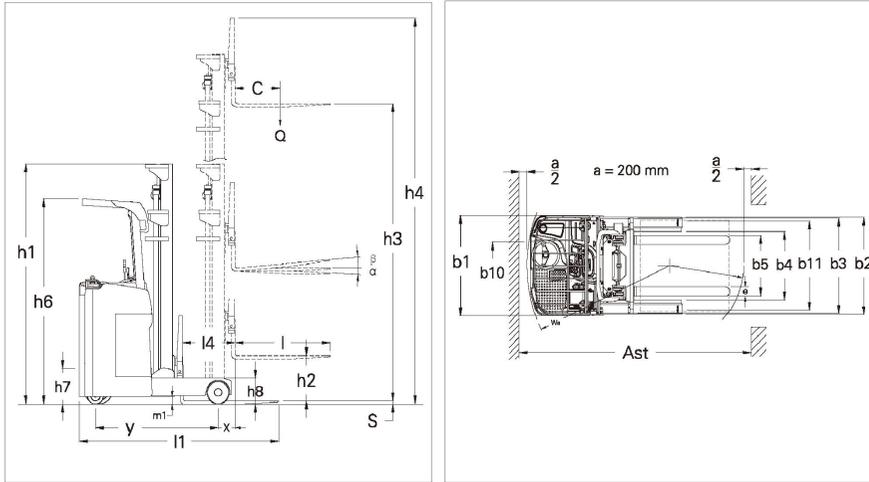
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ELECTRIC REACH TRUCK (Stand on)

LG10/12/15/15DRZ
LG20/20DRZ

LONKING 龙工

Product size



PRODUCT DESCRIPTION

- The loading capacity of MF series reach truck is 1.0T-3.0T, the mast moves forward and retract as a whole, body structure is compact, the aisle is small, and turning flexible.
- Horizontal handling and stacking of medium cargo;
- Handling and stacking for medium and long distances;
- High performance mast, suitable for all the warehouses with medium and high shelf, meet the requirements of various high efficiency storage conditions.



Single-deck Pallet

Double-deck Pallet

- For single-deck/double-deck pallet with forging fork.



ELECTRIC REACH TRUCK (MF Series)



PRODUCT FEATURES

- 01 Maintenance-free and high power AC drive system provide reliable driving power;
- 02 CURTIS controller is reliable and durable; AMP waterproof and dustproof plug which gives reliable protection to the line and greatly reduces electrical faults;
- 03 Stand-on driving operation, EPS steering, easy and safe operation.
- 04 The newly designed suspension system makes the steering operation more flexible and convenient
- 05 It adopts 4 points and low gravity center design and the frame is high-strength steel structure. It has residual load capacity and long service life.

PRODUCT ADVANTAGES

Stack Channel
2450 mm

- Small turning radius and flexible turning
The minimum right-angle stacking passage is 2450 mm. (1000 x 1200 (C500) pallet)

Mechanical disc brake

- Mechanical disc brake, stable and linear brake

- Side pull battery design, Battery replacement is convenient and fast

- Blue light warning lamp, alarm lamp
All kinds of optional assemblies

- Lead-acid batteries and lithium batteries
Multiple Battery Specification Configuration

- Various customization schemes

PRODUCT SPECIFICATION

Standard									
1.1	Manufacturers		隆基 隆工						
1.2	Model		L6100RZ	L6120RZ	L6120RZ-SQ	L6150RZ-D	L6150RZ-D50	L6150RZ	L6150RZ-SQ
1.3	Power Type		Battery						
1.4	Operation Type		Stand-on						
1.5	Rated Capacity	Q(kg)	1000	1200	1200	1500	1500	1500	1500
1.6	Load Center	C(mm)	500	500	500	500	500	500	500
1.7	Front Overhang	x(mm)	130	140	140	140	140	180	180
1.8	Wheelbase	y(mm)	1170	1270	1270	1345	1345	1345	1345
weight									
2.1	Service weight(incl. battery)	kg	1750	2000	2250	2100	2350	2450	2850
2.2	Bridge load at no load, drive side / load side	kg	1210/540	1440/560	1550/700	/	/	1625/825	1900/950
2.3	Bridge load at full load, fork moving forward, drive side / Load side	kg	430/2320	570/2630	580/2870	/	/	660/3290	600/3750
2.4	Bridge load at full load, fork retracted, drive side / load side	kg	1120/1630	1420/1780	1500/1950	/	/	1510/2440	1600/2750
Tyre									
3.1	Wheel type		PU						
3.2	Loading wheel	mm	Φ210×85	Φ210×85	Φ210×85	Φ210×85	Φ210×85	Φ254×104	Φ254×104
3.3	Driving wheel	mm	Φ230×110	Φ230×110	Φ230×110	Φ230×110	Φ230×110	Φ343×108	Φ343×108
3.4	Stable wheel size	mm	Φ180×76						
3.5	Tyres,front/rear		2/1×2	2/1×2	2/1×2	2/1×2	2/1×2	2/1×2	2/1×2
3.6	Tread,drive	b10(mm)	615	615	615	615	615	680	680
3.7	Tread,load	b11(mm)	899	899	999	999	999	964	1064
Dimensions									
4.1	Tilt of fork, Forward/Backward	α(B)°	/	3/5	3/5	3/5	3/5	3/5	3/5
4.2	Height of mast closed	h1(mm)	1980	2080	2080	2080	2080	2082	2142
4.3	Full free lifting height	h2(mm)	/	/	1480	/	1480	400	1542
4.4	Lifting height	h3(mm)	3000	3000	4500	3000	4500	3000	4500
4.5	Height of mast open (incl. Load-Backrest)	h4(mm)	3925	3960	5455	3960	5455	3960	5460
4.6	Overhead guard height	h6(mm)	2250	2250	2250	2250	2250	2250	2250
4.7	Pedal height	h7(mm)	300	300	300	300	300	300	300
4.8	Overall length	l1(mm)	1864	2059	2089	2070	2098	2259	2284
4.9	Overall Width	b4(b5)(mm)	1000	1000	1084/1000	1084/1000	1084/1000	1090/1170	1090/1170
4.10	Fork Dimensions	l/e/s(mm)	920/100/35	1070/100/35	1070/100/35	1070/100/35	1070/100/35	1070/100/35	1070/100/35
4.11	Width of Load-Backrest	b3(mm)	804	964	964	964	964	1088	1088
4.12	Width across forks	b5(mm)	220-610	220-610	220-610	220-610	220-610	222-650	222-750
4.13	Inner spacing of the legs	b4(mm)	722	722	822	822	822	750	856
4.14	Forward distance	l4(mm)	550	618	590	696	669	550	525
4.15	Mast clearance	m1(mm)	80	80	80	80	80	82	82
4.16	Aisle width for pallet 1000*1200 crossway	Ast(mm)	2428	2488	2507	2528	2545	2670	2688
4.17	Aisle width for pallet 800*1200 crossway	Ast(mm)	2470	2518	2543	2540	2564	2718	2740
4.18	Turning radius	Wt(mm)	1394	1492	1492	1580	1580	1594	1594
Function									
5.1	Driving speed(load/unload)	km/h	6/7	7/8	7/8	7/8	7/8	9/10	9/10
5.2	Lifting speed(load/unload)	mm/s	110/160	150/190	130/190	150/190	100/190	240/400	200/350
5.3	Lowering speed(load/unload)	mm/s	120/190	190/170	170/130	190/170	170/130	300/270	320/280
5.4	Max. climbing ability	%(tanθ)	≤8/≤10	≤10	≤10	≤8/≤10	≤8/≤10	≤10	≤10
5.5	Brake type		Mechanical						
Power									
6.1	Driving motor	kw	1.5	2.3	2.3	2.3	2.3	4.5	4.5
6.2	Lifting motor	kw	2	3.5	3.5	3.5	3.5	7.5	7.5
6.3	Battery Voltage/capcity	V/Ah	24/280	24/350	24/420	24/420	24/420	48/300	48/300
6.4	Battery weight	kg	260	300	335	335	335	500	500
6.5	Steering system		EPS						
Other									
7.1	Battery Change Type		slide change						

Standard									
1.1	Manufacturers		隆基 隆工	隆基 隆工	/	/	/	/	/
1.2	Model		L6200RZ	L6200RZ-SQ	/	/	/	/	/
1.3	Power Type		Battery	Battery	/	/	/	/	/
1.4	Operation Type		Stand-on	Stand-on	/	/	/	/	/
1.5	Rated Capacity	Q(kg)	2000	2000	/	/	/	/	/
1.6	Load Center	C(mm)	500	500	/	/	/	/	/
1.7	Front Overhang	x(mm)	180	180	/	/	/	/	/
1.8	Wheelbase	y(mm)	1545	1545	/	/	/	/	/
weight									
2.1	Service weight(incl. battery)	kg	2750	2950	/	/	/	/	/
2.2	Bridge load at no load, drive side / load side	kg	/	/	/	/	/	/	/
2.3	Bridge load at full load, fork moving forward, drive side / Load side	kg	/	/	/	/	/	/	/
2.4	Bridge load at full load, fork retracted, drive side / load side	kg	/	/	/	/	/	/	/
Tyre									
3.1	Wheel type		PU	PU	/	/	/	/	/
3.2	Loading wheel	mm	Φ254×104	Φ254×104	/	/	/	/	/
3.3	Driving wheel	mm	Φ343×108	Φ343×108	/	/	/	/	/
3.4	Stable wheel size	mm	Φ180×76	Φ180×76	/	/	/	/	/
3.5	Tyres,front/rear		2/1×2	2/1×2	/	/	/	/	/
3.6	Tread,drive	b10(mm)	680	680	/	/	/	/	/
3.7	Tread,load	b11(mm)	1064	1064	/	/	/	/	/
Dimensions									
4.1	Tilt of fork, Forward/Backward	α(B)°	3/5	3/5	/	/	/	/	/
4.2	Height of mast closed	h1(mm)	2082	2142	/	/	/	/	/
4.3	Full free lifting height	h2(mm)	80	1542	/	/	/	/	/
4.4	Lifting height	h3(mm)	3000	4500	/	/	/	/	/
4.5	Height of mast open (incl. Load-Backrest)	h4(mm)	3960	5460	/	/	/	/	/
4.6	Overhead guard height	h6(mm)	2250	2250	/	/	/	/	/
4.7	Pedal height	h7(mm)	300	300	/	/	/	/	/
4.8	Overall length	l1(mm)	2293	2330	/	/	/	/	/
4.9	Overall Width	b4(b5)(mm)	1090/1170	1090/1170	/	/	/	/	/
4.10	Fork Dimensions	l/e/s(mm)	1070/100/40	1070/100/40	/	/	/	/	/
4.11	Width of Load-Backrest	b3(mm)	1088	1088	/	/	/	/	/
4.12	Width across forks	b5(mm)	222-750	222-750	/	/	/	/	/
4.13	Inner spacing of the legs	b4(mm)	856	856	/	/	/	/	/
4.14	Forward distance	l4(mm)	717	677	/	/	/	/	/
4.15	Mast clearance	m1(mm)	82	82	/	/	/	/	/
4.16	Aisle width for pallet 1000*1200 crossway	Ast(mm)	2750	2773	/	/	/	/	/
4.17	Aisle width for pallet 800*1200 crossway	Ast(mm)	2762	2793	/	/	/	/	/
4.18	Turning radius	Wt(mm)	1784	1784	/	/	/	/	/
Function									
5.1	Driving speed(load/unload)	km/h	9/10	9/10	/	/	/	/	/
5.2	Lifting speed(load/unload)	mm/s	220/380	180/330	/	/	/	/	/
5.3	Lowering speed(load/unload)	mm/s	310/260	290/240	/	/	/	/	/
5.4	Max. climbing ability	%(tanθ)	≤10	≤10	/	/	/	/	/
5.5	Brake type		Mechanical	Mechanical	/	/	/	/	/
Power									
6.1	Driving motor	kw	4.5	4.5	/	/	/	/	/
6.2	Lifting motor	kw	7.5	7.5	/	/	/	/	/
6.3	Battery Voltage/capcity	V/Ah	48/300	48/300	/	/	/	/	/
6.4	Battery weight	kg	500	500	/	/	/	/	/
6.5	Steering system		EPS	EPS	/	/	/	/	/
Other									
7.1	Battery Change Type		slide change	slide change	/	/	/	/	/

MAST SPECIFICATION

Duplex Mast		LG10DRZ				LG12DRZ			
Model	LGRZ	10-30	10-35	10-40	12-30	12-35	12-40	12-45	
Lift height	h3(mm)	3000	3500	4000	3000	3500	4000	4500	
Height-Mast Extended w/ Load-Backrest	h4(mm)	3925	4425	4925	3960	4460	4960	5460	
Height---Mast Lowered	h1(mm)	1980	2230	2480	2080	2330	2630	2880	
Triplex full free Mast		LG12DRZ							
Model	LGRZ	12SQ-45	12SQ-50	12SQ-55	12SQ-60				
Lift height	h3(mm)	4500	5000	5500	6000				
Height-Mast Extended w/ Load-Backrest	h4(mm)	5455	5955	6455	6955				
Height---Mast Lowered	h1(mm)	2080	2247	2413	2580				
Height--Free Lift	h2(mm)	1480	1647	1813	1980				
Duplex Mast		LG15DRZ				LG15DRZ-D			
Model	LGRZ	15-30	15-35	15-40	15-45	15D-30	15D-35	15D-40	15D-45
Lift height	h3(mm)	3000	3500	4000	4500	3000	3500	4000	4500
Height-Mast Extended w/ Load-Backrest	h4(mm)	3960	4460	4960	5460	3960	4460	4960	5460
Height Mast Lowered	h1(mm)	2082	2332	2632	2882	2080	2330	2630	2880
Height--Free Lift	h2(mm)	400	400	400	400	0	0	0	0
Triplex full free Mast		LG15DRZ-D							
Model	LGRZ	15DSQ-45	15DSQ-50						
Lift height	h3(mm)	4500	5000						
Height-Mast Extended w/ Load-Backrest	h4(mm)	5455	5955						
Height---Mast Lowered	h1(mm)	2080	2247						
Height--Free Lift	h2(mm)	1480	1647						
Triplex full free Mast		LG15DRZ							
Model	LGRZ	15SQ-45	15SQ-50	15SQ-55	15SQ-60	15SQ-65	15SQ-70	15SQ-75	
Lift height	h3(mm)	4500	5000	5500	6000	6500	7000	7500	
Height-Mast Extended w/ Load-Backrest	h4(mm)	5460	5960	6460	6960	7460	7960	8460	
Height---Mast Lowered	h1(mm)	2142	2309	2475	2642	2809	2975	3142	
Height Free Lift	h2(mm)	1542	1709	1875	2042	2209	2375	2542	
Duplex Mast		LG20DRZ							
Model	LGRZ	20-30	20-35	20-40	20-45				
Lift height	h3(mm)	3000	3500	4000	4500				
Height-Mast Extended w/ Load-Backrest	h4(mm)	3960	4460	4960	5460				
Height---Mast Lowered	h1(mm)	2082	2332	2632	2882				
Height--Free Lift	h2(mm)	80	80	80	80				
Triplex full free Mast		LG20DRZ							
Model	LGRZ	20SQ-45	20SQ-50	20SQ-55	20SQ-60	20SQ-65	20SQ-70	20SQ-75	
Lift height	h3(mm)	4500	5000	5500	6000	6500	7000	7500	
Height-Mast Extended w/ Load-Backrest	h4(mm)	5460	5960	6460	6960	7460	7960	8460	
Height---Mast Lowered	h1(mm)	2142	2309	2475	2642	2809	2975	3142	
Height Free Lift	h2(mm)	1542	1709	1875	2042	2209	2375	2542	

LOAD CHART

