

CONFIGURATION

Multi-function Instrument	Wide Field Mast
Lifting/Steering Computer Controlled	Gear Pump with Low Noise
Pedal Rubber	Energy Efficient Dynamic Signal
Standard Battery	Load Sensing Hydraulic System
Emergency Power Off	Top Rain Shelter
Standard Seat	Charging Indicator
Full-hydraulic Power Steering	Electric Horn
Standard Forks	Reversing Buzzer
Adjustable Steering Column	Traction Pin
Lifting and Tilting Joysticks	Tool Box
Two Piece Multiplex Valve	Solid Tires

OPTIONAL

Rear Working Lamp	Driving OPS
Working Warning Light	Full Set OPS (drive and lift)
Suspension Seat	Widen and Lengthen Backrest
Green Solid Tires	Widen Fork Frame
2 Stage Free Mast	Lengthen Fork Jacket
3 Stage Free Mast	Tilting Cylinder Sleeve
Lifting Potentiometer	Steering Cylinder Sleeve
Battery Charger	Custom Colors
Valve and piping Reserving	Multiple Work Attachments
Full Set LED Lamps	

PRODUCT FEATURES

Advanced AC dual drive motor, which can produce strong traction and power.
Ultra-small turning radius, improve passability and space utilization.
Regenerative braking function, prolong effective using time of battery.
Intelligent LCD, can display the fault code, improve the maintenance efficiency.
Powerful AC pump motor provides greater torque, making lifting and dropping of forks more smooth.
Anti-skid function of ramp enables machine to slide smoothly and automatically on ramp.

The following blank can be used for notes or comments.

**For more information on Lonking products,
Please contact our local agent:**

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Specifications and design are subject to change without prior notice.
Machines shown may not include optional accessories.

LONKING 龙工

LG13/16/18/20BE

BALANCEWEIGHT TYPE FORKLIFT TRUCK WITH BATTERY

Efficiency Rules the Future



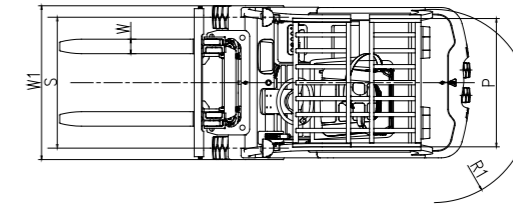
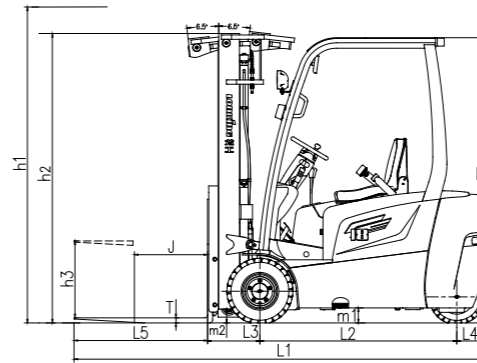
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	LG13BE	LG16BE	LG18BE	LG20BE
Rated Capacity (kg)	1300	1600	1800	2000
Load Center (mm)	500	500	500	500
Power Type	Electric (AC)			

OVERALL SPECIFICATIONS

Type	No.	Item	Code	Unit	Data			
Identification	1.01	Manufacturer			LONKING			
	1.02	Model			LG13BE	LG16BE	LG18BE	LG20BE
	1.03	Power type			Electric (AC)			
	1.04	Rated capacity	Q	kg	1300	1600	1800	2000
	1.05	Load center	J	mm	500	500	500	500
Dimensions	2.01	STD Max height (with backrest)		mm	3934	3934	3934	3934
	2.02	STD Max lifting height	h1	mm	3000	3000	3000	3000
	2.03	Overhead guard height	h4	mm	1965	1965	1965	1965
	2.04	Overall length (with fork)	L1	mm	2715	2825	2825	2931
	2.05	Wheelbase	L2	mm	1250	1360	1360	1466
	2.06	Front overhang	L3	mm	355	355	355	355
	2.07	Rear overhang	L4	mm	190	190	190	190
	2.08	Min.ground clearance (Frame/Mast)	m1/m2	mm	100/95	100/95	100/95	100/95
	2.09	Overall width	W1	mm	1060	1060	1060	1120
	2.10	Adjusting range of fork (outside)		mm	220-1020	220-1020	220-1020	220-1020
	2.11	STD Fork size (L5*W*T)		mm	920×100×35			
	2.12	Front wheel tread	S	mm	902	902	902	924
	2.13	Rear wheel tread	P	mm	175	175	175	175
	2.14	Min.turning radius	R1	mm	1440	1550	1550	1658
	2.15	Min aisle width for pallet 1000×1200,crossways		mm	3122	3232	3232	3340
	2.16	Min aisle width for pallet 800×1200,lengthways		mm	3246	3356	3356	3464
Tires	3.01	Wheels number, front/rear (X=driven wheels)			X=2/1			
	3.02	Tires type			Solid rubber			
	3.03	Tires size, front			18×7-8	18×7-8	18×7-8	200/50-10
	3.04	Tires size, rear			15×4.5-8	15×4.5-8	15×4.5-8	15×4.5-8
Other Details	4.01	Max.traveling speed, loaded/unloaded		km/h	13/14	13.5/13.5	13.5/13.5	13/15
	4.02	Max.lifting speed, loaded/unloaded		mm/s	300/450	280/440	270/430	250/440
	4.03	Lowering speed, loaded/unloaded		mm/s	Loaded≤600/Unloaded≥300			
	4.04	Max.gradient, loaded/unloaded		%	16/20	15/15	15/15	15/15
	4.05	STD operating weight (with oil & water)		kg	2920	3100	3216	3390
	4.06	Axles loading,front/rear (loaded)		kg	3666/554	4200/500	4487/529	4810/580
	4.07	Axles loading,front/rear (unloaded)		kg	1396/1524	1480/1620	1479/1737	1573/1817
	4.08	Drive motor		kw	4.5×2	4.5×2	4.5×2	4.5×2
	4.09	Lift motor		kw	11	11	11	11
	4.10	Controller			ZAPI	ZAPI	ZAPI	ZAPI
	4.11	Battery votage/capacity		V/Ah	48/400	48/500	48/500	48/600



MAST SPECIFICATIONS

2 Stage Standard Mast-Super Wide Field

Mast Model	h1 Max Lifting Height(mm)	Load Capacity (J=500mm) (kg)				h2 Lowered Mast Height (mm)	h3 Free Lifting Height, without backrest (mm)	Mast tilt α/β (°)
		LG13BE	LG16BE	LG18BE	LG20BE			
M250	2500	1300	1600	1800	2000	1745	145	6.5/6.5
M270	2700	1300	1600	1800	2000	1845	145	6.5/6.5
M300	3000	1300	1600	1800	2000	1995	145	6.5/6.5
M330	3300	1300	1600	1800	2000	2145	145	6.5/6.5
M350	3500	1300	1600	1800	2000	2245	145	6.5/6.5
M360	3600	1300	1600	1800	2000	2295	145	6.5/6.5
M400	4000	1300	1600	1800	2000	2495	145	3.5/5
M430	4300	900	1300	1500	1700	2645	145	3.5/5
M450	4500	800	1200	1400	1600	2795	145	3.5/5
M480	4800	650	1100	1300	1500	2945	145	3.5/5
M500	5000	600	900	1100	1300	3095	145	3.5/5

2 Stage Free Mast-Super Free Lifting Height

Mast Model	h1 Max Lifting Height(mm)	Load Capacity (J=500mm) (kg)				h2 Lowered Mast Height (mm)	h3 Free Lifting Height, without backrest (mm)	Mast tilt α/β (°)
		LG13BE	LG16BE	LG18BE	LG20BE			
ZM250	2500	1300	1600	1800	2000	1745	1186	6.5/6.5
ZM270	2700	1300	1600	1800	2000	1845	1286	6.5/6.5
ZM300	3000	1300	1600	1800	2000	1995	1436	6.5/6.5
ZM330	3300	1300	1600	1800	2000	2145	1586	6.5/6.5
ZM350	3500	1300	1600	1800	2000	2245	1696	6.5/6.5
ZM360	3600	1300	1600	1800	2000	2295	1736	6.5/6.5
ZM400	4000	1300	1600	1800	2000	2545	1986	3.5/5

Note:With backrest, free lifting height reduces 348mm.

3 Stage Free Mast-Super Free Lifting Height

Mast Model	h1 Max Lifting Height(mm)	Load Capacity (J=500mm) (kg)				h2 Lowered Mast Height (mm)	h3 Free Lifting Height, without backrest (mm)	Mast tilt α/β (°)
		LG13BE	LG16BE	LG18BE	LG20BE			
ZSM360	3600	1200	1500	1700	1900	1790	1231	6.5/6.5
ZSM400	4000	1000	1400	1600	1800	1928	1369	3.5/5
ZSM430	4300	900	1300	1500	1700	2035	1476	3.5/5
ZSM450	4500	800	1200	1400	1600	2095	1536	3.5/5
ZSM470	4700	700	1150	1350	1550	2160	1601	3.5/5
ZSM480	4800	650	1100	1300	1500	2195	1636	3.5/5
ZSM500	5000	600	900	1100	1300	2265	1706	3.5/5
ZSM540	5400	550	800	900	1100	2395	1836	3.5/5
ZSM550	5500	500	750	850	1050	2440	1881	3.5/5
ZSM600	6000	300	500	600	850	2595	2036	3.5/5
ZSM650	6500	200	400	500	600	2745	2186	3.5/5

Note:With backrest, free lifting height reduces 348mm.