



ZERO EMISSION
ENERGY EFFICIENCY
EASY MAINTENANCE



S14JW

ELECTRIC STACKER POWERED BY BYD LITHIUM IRON PHOSPHATE BATTERY

1.4 TON LOAD CAPACITY (IDEAL FOR INDOOR USE)

Utilizing BYD's proprietary Lithium Iron Phosphate Battery technology, BYD counterbalance forklifts have a long battery life of over 4,000 cycles (>10 years). Equipped with portable fast chargers directly connected to the forklifts, the charging process is made easy and clean. There is no release of toxic vapour during the charging process.

EQUIPMENT FEATURES

- Maintenance free drive axle
- Multi-function handle for ease of operation
- Turning Speed Limit
- Handle located by the side for greater visibility
- Comprehensive safety features to maximise driver's welfare
- Overload Protection

BATTERY ADVANTAGES

- ✔ Environmentally-friendly and non-toxic, meeting all sustainability requirements
- ✔ Lower operating cost through opportunistic charging during operators' breaks and no battery swops are required
- ✔ Lower electrical consumption compared to conventional lead-acid batteries
- ✔ Safety - withstands the harshest working environments without the risk of fire or explosion

Note:
1. Some equipment features described herein are optional.
2. Details of specifications and equipment are based on information available at time of printing and may change without notice.
3. Data provided acts as a guide. Actual performance depends on operating habits and conditions.

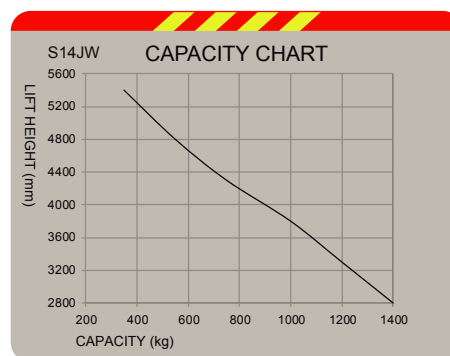
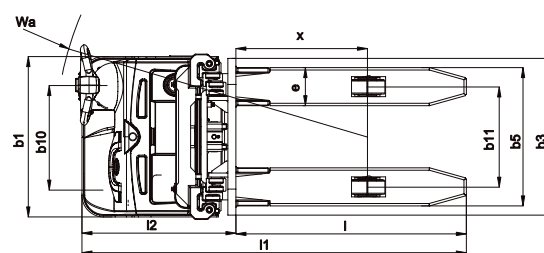
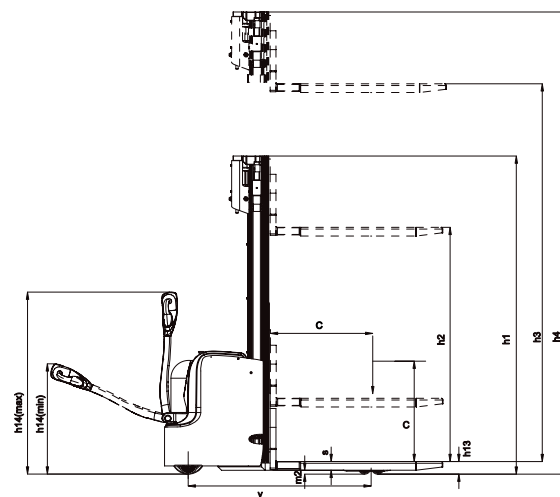


Build Your Dreams



Identification	1.1	Manufacturer			BYD
	1.2	Model			S14JW
	1.3	Power Type			Electric
	1.4	Operation Type			Walkie
	1.5	Load Capacity	Q	kg	1400
	1.6	Load Center	c	mm	600
	1.7	Front overhang	x	mm	665
	1.8	Wheelbase	y	mm	1245
Weight	2.1	Service Weight (with battery)		kg	1200
	2.2	Axle load with load, drive / load side		kg	1000/1600
	2.3	Axle load without load, drive / load side		kg	800/400
Wheels	3.1	Tire, operator / load side	\	\	Polyurethane
	3.2	Tire Size, Drive Side		mm	Φ230x75
	3.3	Tire Size, Load Side		mm	4xΦ85x75
	3.4	Wheels Size, Caster Wheel		mm	2xΦ125x50
	3.5	Wheels, number front / rear X=Driven wheels	\	\	1X+2/4
	3.6	Track Width, Drive Side	b10	mm	518
Dimensions	3.7	Track Width, Load Side	b11	mm	380
	4.1	Height of Mast, Lowered	h1	mm	1530
	4.2	Free Lift Height	h2	mm	50
	4.3	Lift Height	h3	mm	1914
	4.4	Height of Mast, Extended	h4	mm	2517
	4.5	Height of tiller in drive position min / max	h14	mm	840/1255
	4.6	Fork Height, Lowered	h13	mm	85
	4.7	Overall Length	l1	mm	1918
	4.8	Overall Length (without fork) - Head Length	l2	mm	758
	4.9	Overall Width	b1	mm	800
	4.10	Fork Dimensions	s/e/l	mm	60/190/1150
	4.11	Carriage Width	b3	mm	782
	4.12	Outside Fork Spread, min / max	b5	mm	560/690
	4.13	Ground clearance, center of wheelbase	m2	mm	30
	4.14	Aisle width, 1000x1200mm pallet crosswise	Ast	mm	2432
	4.15	Aisle width, 800x1200mm pallet crosswise	Ast	mm	2451
4.16	Turning radius (fork raised)	Wa	mm	1564	
Performance data	5.1	Travel Speed, with / without load		km/h	6/6
	5.2	Lift Speed, with / without load		mm/s	170/220
	5.3	Lowering Speed, with / without load		mm/s	260/240
	5.4	Gradeability (5 min. rating), with / without load		%	5/10
	5.5	Service brake		\	electromagnetic braking
Electrics	6.1	Drive motor output (60 min.rating)		kW	1.5
	6.2	Lift motor output (15% rating)		kW	3
	6.3	Battery Capacity		V/Ah	24/110
	6.4	Battery Weight		kg	115
Others	7.1	Type of drive control		\	AC
	7.2	Sound level at driver's ear		dB(A)	70

1.4 Ton Stacker				
Description (mm)	Lift Height h3 (mm)	Free Lift h2 (mm)	Height, Mast Lowered h1 (mm)	Height, Mast Extended h4 (mm)
2 Stage Mast	1914	50	1530	2517
	2414	50	1780	3017
	2814	50	1980	3417
	3114	50	2130	3717
	3514	50	2330	4117
	3914	50	2530	4517
2 Stage Free Lift Mast	4214	50	2680	4817
	2414	1250	1805	3055
	2914	1500	2055	3555
	3414	1750	2305	4055
3 Stage Free Lift Mast	3914	2000	2555	4555
	3914	1283	1830	4547
	4214	1383	1930	4847
	4614	1500	2080	5280
	4717	1600	2192	5392
	5214	1700	2280	5880



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