



BYD FORKLIFT WITH GLOBAL PRESENCE IN

6 continents

More than 30 countries

Service more than 1,000 satisfied customers

Market share of lithium forklifts exceeds 75%

GREEN LOGISTICS LEADER

STORAGE SERIES



LEADER IN NEW ENERGY FORKLIFT



WAREHOUSING AND LOGISTICS SOLUTIONS

BYD is the leader in the pure electric forklift industry, and it has been deeply involved in warehousing and logistics for many years. With its unique battery, motor, electronic control and other technical advantages and accumulated experiences, BYD has developed a number of green warehousing products. Such as tramp type / standing-driving pallet truck, tramp type / standing-driving stacker truck, standing-driving / seated reach truck. Load capacity ranges from 1.4-3.0 tons, which can meet the needs of different customers in different working conditions and provide the most professional and efficient warehousing and logistics solutions for various industries.

OUR ADVANTAGES

High efficiency

BYD forklift equipped with high capacity lithium iron-phosphate battery and high efficiency charger, which ensures the strongest endurance and adapt to the most complex working conditions. It saves 90% charging time compared with lead-acid forklift.



High safety

Compared to lead-acid battery forklift, BYD lithium iron-phosphate battery forklift produce zero emission or pollution during charging that need no special charging room. In order to ensure the safety and stability of the battery, there are a series of extreme tests including overcharge, over discharge, short circuit, oven, crush and burning to name a few. Strong scientific capability and rigorous testing processes comprehensively guarantee the safety and excellent performance of BYD lithium iron-phosphate battery.



Long life cycle

Battery life is above 4,000 cycles or over 10 years. No need for battery replacement under normal use.

Strong temperature adaptability

Applies to the working condition from minus 40 degree Celsius to 60 degree Celsius with good performance.



High performance

BYD lithium iron-phosphate battery forklift equipped with electronic power steering and ZF drive axle to ensure efficient power output.

BYD lithium iron-phosphate battery meets the following standards



UL 1642



UL 2580



UN 38.3



QC / T 743

Professional solutions for different industries



BYD forklift truck provides professional solutions for various industries to adapt to complex working conditions.

STACKER TRUCK

S14JW

Load capacity: 1.4 ton
 Curb weight: 1,200 kg
 Min. turning radius: 1,564 mm
 Voltage: 24 V
 Battery capacity: 110 Ah



Highlights of BYD stacker truck

- Hill hold control
- ZF drive axle
- Power-off protection
- Emergency braking switch
- Overload protection
- Fork low position damper
- Multifunction operating handle
- Deceleration when turning
- Low battery protection
- Speed limit / overturn protection when lifting

Standard configurations

- BYD lithium-iron-phosphate battery
- 24V 110Ah battery
- GB standard charge interface
- Three-phase AC asynchronous motor
- 30A quick charger
- 1,150mm fork with fence
- Multifunction dashboard

Optional configurations

- Electronic power steering
- 100A quick charger
- Anti-skid thickened tires
- Keyboard coded lock
- Pallet fork customization available

Notice: Functions and configurations will change according to different models.

S14JW mast specifications

S14JW	Lift height	Fork height	Height, mast lowered	Load back -rest height	Height, mast extended (without load back)	Height, mast extended (with Load back)	Height, free lift (without load back)	Height, free lift (with load back)	Fore-rake angle	Back -rake angle
Simplex STD mast	1000	1086	1480	365	1485	1485	995	995	0	0
	2000	2086	1530	365	2517	2517	136	136	0	0
Duplex STD mast	2500	2586	1780	365	3017	3017	136	136	0	0
	2900	2986	1980	365	3417	3417	136	136	0	0
	3200	3286	2130	365	3717	3717	136	136	0	0
	3600	3686	2330	365	4117	4117	136	136	0	0
	4000	4086	2530	365	4517	4517	136	136	0	0
Duplex FFL mast	4300	4386	2680	365	4817	4817	136	136	0	0
	2500	2586	1805	365	3058	3058	1336	1250	0	0
	3000	3086	2055	365	3558	3558	1586	1500	0	0
Triple FFL mast	3500	3586	2305	365	4058	4058	1836	1750	0	0
	4000	4086	2555	365	4558	4558	2086	2000	0	0
	4000	4086	1830	365	4547	4547	1369	1369	0	0
	4300	4386	1930	365	4847	4847	1469	1469	0	0
	4700	4786	2080	365	5280	5280	1586	1586	0	0
	4800	4886	2192	365	5392	5392	1686	1686	0	0
	5300	5386	2280	365	5880	5880	1786	1786	0	0
5400	5486	2330	365	5947	5947	1869	1869	0	0	



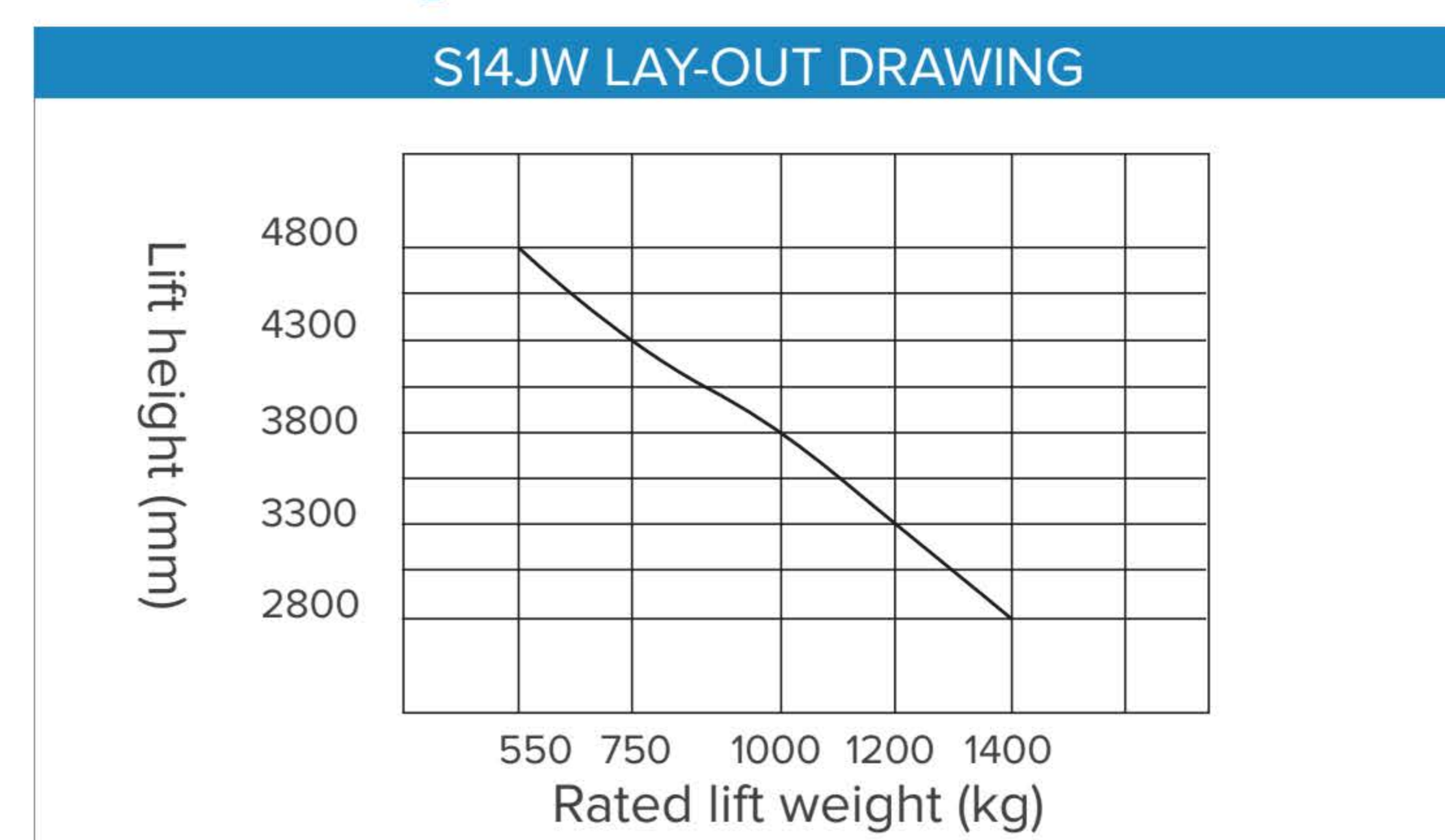
S14PS

Load capacity: 1.4 ton
 Curb weight: 1,280 kg
 Min. turning radius: 1,512 mm
 Voltage: 24 V
 Battery capacity: 110 Ah

Charging time (Unit: hour)

Charger	Battery	
	24V 110Ah	24V 130Ah
30A Standard	About 3.5	About 4.0
100A Option	About 1	About 1

S14JW load diagram



STACKER TRUCK SPECIFICATIONS

Identification	Manufacturer		BYD	BYD	
	Model		S14JW	S14PS	
	Power Type		Electric	Electric	
	Operation Type		Walkie	Stand-UPRider	
	Load capacity	Q	kg	1400	1400
	Load center	C	mm	600	600
	Front overhang	X	mm	665	672
	Wheelbase	y	mm	1245	1260
Weights	Service Weight (with battery)		kg	1200	1280
	Axle load with load, drive/load side		kg	1000 / 1600	1050 / 1630
	Axle load without load drive/load side		kg	800 / 400	850 / 430
Wheels	Tire, operator/load side			Polyurethane	Polyurethane
	Tire Size, Load Side		mm	Φ230×75	Φ230×75
	Tires Size, Load Side		mm	4×Φ85×75	4×Φ85×75
	Wheels Size, Caster Wheel		mm	2×Φ125×50	2×Φ125×50
	Wheels, number front/rear X=Driven wheels			1X+2/4	1X+2/4
	Track Width, Drive Side		mm	518	518
	Track Width, Load Side		mm	380	500/380
	Height of Mast, Lowered	h1	mm	2134	2134
Free Lift High	h2	mm	150	136	
Dimensions	Lift Height	h3	mm	3200	3200
	Height of Mast, Extended	h4	mm	3649	3717
	Initial lift height	h5	mm	-	-
	Height of tiller in drive position min/max		mm	840 / 1255	1040 / 1330
	Fork Height, Lowered		mm	85	90
	Overall Length	l1	mm	1918	1962
	Overall Length (without Fork)-Head Length	l2	mm	758	812
	Overall Width	b1	mm	800	800
	Fork Dimensions		mm	60 / 190 / 1150	60/190/1150
	Carriage Width	b3	mm	782	782
	Outside Fork Spread, min./max.	b5	mm	560 / 690	690
	Ground clearance, center of wheelbase	m2	mm	30	25
	Aisle width, 1000x1200mm pallet crosswise		mm	2432	2395
	Aisle width, 800x1200mm pallet crosswise		mm	2451	2374
Min. Turning radius		mm	1564	1512	
Performance	Travel Speed, with/without load		km/h	6/6	6 / 6
	Lift Speed, with/without load		mm/s	170 / 280	180 / 210
	Lower Speed, with/without load		mm/s	260 / 320	200 / 220
	Gradeability (5 min. rating), with/without load		%	5 / 10	5 / 10
	Acceleration time (with/without load)		s	7.9 / 7.2	7.9 / 7.2
	Service brake			Electromagnetic Braking	electromagnetic braking
Electrics	Drive motor output (60 min.rating)		kw	1.5	1.5
	Lift motor output (15% rating)		kw	3	3
	Battery Capacity		V/Ah	24 / 110	24/130
	Battery Weight		kg	115	100
Others	Type of drive control			AC	AC
	Sound level at driver's ear		dB(A)	70	<70



**HIGH EFFICIENCY BRINGS
HIGH PRODUCTIVITY**