

S14PS



STACKER WAREHOUSE SERIES



NEW ENERGY FORKLIFT LEADER

STANDARD FEATURES

Safety

- Electric braking system
 - Slope protection
 - Cylinder lowering speed limit
 - Programmable automatic speed limit
 - Reversing switch
 - Overload protection
 - High loading position protection
 - Emergency switch
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Performance

- Lithium battery
 - AC drive system
 - DC lifting system
 - Small turning radius
 - Rapid charging & Opportunity charging
 - Digital (LCD) multifunction display
 - Battery capacity indicator
 - Maintenance Indicator
 - Low Speed indicator
 - Working time accumulator
 - Error code
 - Built-in analyzer
 - Self-diagnostics
 - One battery for multiple working shifts
 - Flexible application opportunities
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Operability & Ergonomics

- Easy connection charging port
 - Dash-mounted cup holder
 - Heavy-duty slip-resistant standing washer
 - Back protection paddle
 - Automatic parking brake
 - Electric steering
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Serviceability

- AC drive motor (no brushes or commutator)
 - DC lifting motor
 - Maintenance - free sealling battery case
 - Easy-access controllers
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OPTIONAL EQUIPMENT

Load Handling (Wide visible mast)

- Standard lift 2-stage mast (Duplex standard)
 - Full free-lift 2-stage mast (Duplex FFL)
 - Full free-lift 2-stage 2-cylinder mast (Duplex FFL)
 - Full free-lift 3-stage 3-cylinder mast (Triplex FFL)
 - Lifting buffer
 - Lifting speed limit
 - Customized load backrest
 - Customized fork
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Body

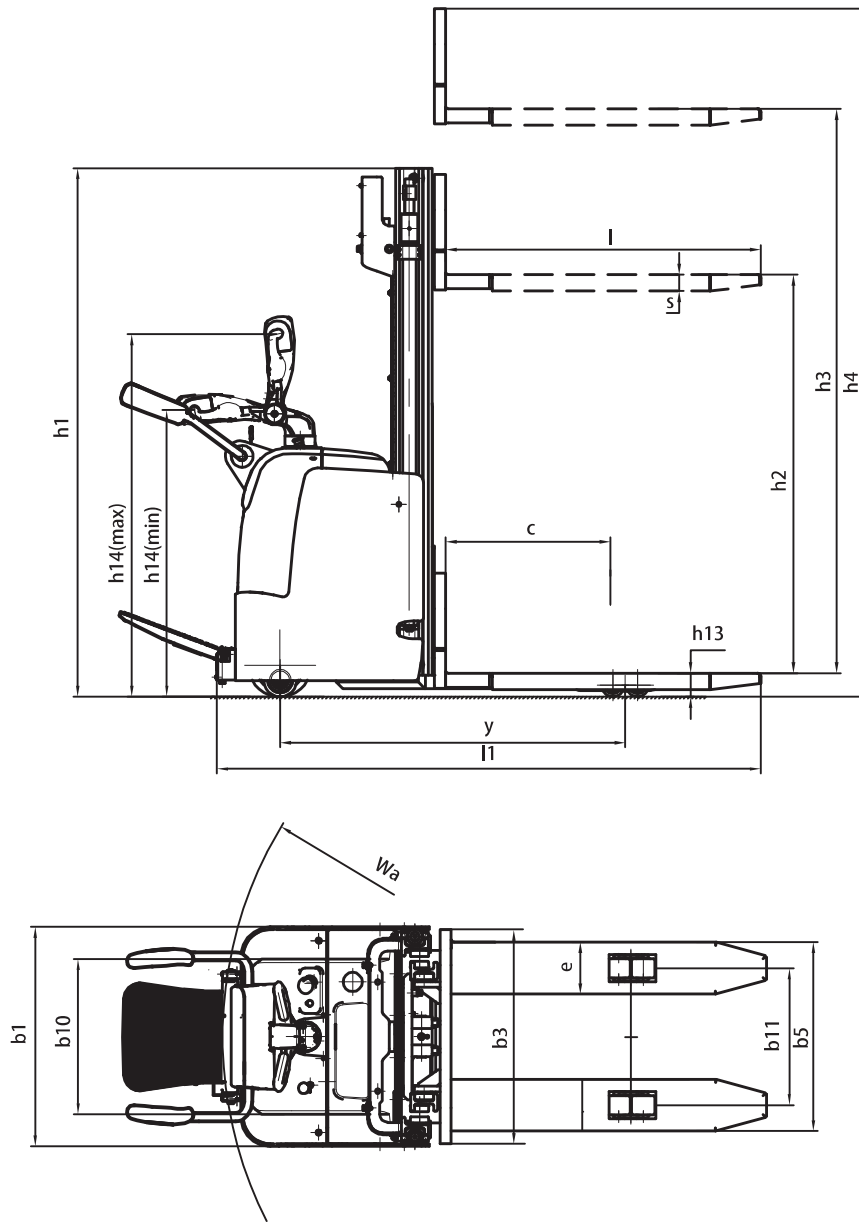
- Special Key
 - Protection net
 - Protection glass
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Wheels & Tires

- Standard polyurethane wheel
- Anti-skid wheel

STACKER TRUCK SPECIFICATIONS

Characteristic	Manufacturer			BYD		
	Model			S14PS		
	Drive			Electric		
	Operator Type			Ride-on		
	Capacity	Q	lbs	kg	3086	1400
	Load Center	c	in	mm	24	600
	Load Distance, Center of Support Arm Wheel to Face of Forks	x	in	mm	26	672
	Wheel Base	y	in	mm	50	1260
Weights	Service Weight (Incl. Battery)		lbs	kg	2601(2646)	1180(1200)
	Axle Load with Load, Front / Rear		lbs	kg	2205/3483	1000/1580
	Axle Load without Load, Front / Rear		lbs	kg	1764/882	800/380
Wheels	Tyre Type			Polyurethane		
	Tyre Spec, Drive Side			Φ230×75		
	Tyre Spec, Loading Side			4×Φ85×70		
	Assisting Wheel Spec.			2×Φ125×50		
	Wheel Number, Drive Side / Loading Side			1X+2/4		
	Track Width, Front	b10	in	mm	20	520
	Track Width, Front	b11	in	mm	15/20	370/500
Dimensions	Height of Mast, Lowered	h1	in	mm	83	2104
	Free Lift	h2	in	mm	2	50
	Lift	h3	in	mm	126	3200
	Height of Mast, Extended	h4	in	mm	146	3717
	Initial Lift	h5	in	mm	/	/
	Handle Lowest / Highest Height in Operation	h14	in	mm	41/52	1040/1330
	Fork Lowered Vertical Distance	h13	in	mm	4	90
	Total Length (Pedal Retrieve/Pedal put down)	l1	in	mm	78/96	1970/2450
	Overall length (Excl. Fork)	l2	in	mm	28	711
	Overall Width	b1	in	mm	31	800
	Fork Dimensions	s/e/l	in	mm	2/7/45	60/190/1150
	Carriage Width	b3	in	mm	31	782
	Width over Forks	b5	in	mm	22/27	560/690
	Ground Clearance, Centre of Wheelbase	m2	in	mm	1	25
	Aisle Width, Pallet 1000×1200 (1200 Side cross Fork)	Ast	in	mm	93	2373
	Aisle Width, Pallet 800×1200 (1200 Side Pallet cross Fork)	Ast	in	mm	93	2352
Performance	Turning Radius (Fork Lifting)	Wa	in	mm	59	1490
	Travel Speed, With/without Load		mph	km/h	4/6	7/9
	Lift Speed, With/without Load		ft/min	mm/s	31/49	160/250
	Lowering Speed, With/without Load		ft/min	mm/s	63/57	320/290
	Gradability(5 min Power), Fully Loaded/Empty Loaded		%	%	5/10	
	Parking Brake				Electromagnetic brake	
	Drive Motor Power		HP	kw	1.7	1.3
	Lift Motor Power		HP	kw	4	3
	Battery Voltage / Capacity		V/Ah	V/Ah	24/130(270)	
	Battery Weight		lbs	kg	154(198)	70(90)
Others	Drive Control Type			AC		
	Noise		dB(A)	dB(A)	<75	



BYD Forklift production site is certified:
ISO 9001 ISO 14001 OHSAS 18001



BYD trucks conform to the
 United States Safety Requirements
 All BYD forklifts comply with ANSI B56.1

