



**SBP12E / SBP12ES** Electric Stacker 1.2t

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# SBP12E / SBP12ES

## Electric Stacker 1.2t

Distinguishing mark					
1.1	Model designation			SBP12E	SBP12ES
1.2	Drive unit			Electric	Electric
1.3	Type of operation			pedestrian	pedestrian
1.4	Rated capacity	Q	kg	1200	1200
1.5	Load center distance	c	mm	600	600
1.6	Load distance, centre of drive axle to fork	x	mm	795	845
1.7	Wheelbase	y	mm	1240	1290
Weight					
2.1	Service weight (include battery)		kg	661	676
2.2	Axle loading, laden driving side/loading side		kg	845/1016	837/1039
2.3	Axle loading, unladen driving side/loading side		kg	536/125	549/127
Type, Chassis					
3.1	Tyre type Driving wheels/loading wheels			PU/PU	PU/PU
3.2	Tyre size, driving wheels (diameter*width)		mm	Φ210x70	Φ210x70
3.3	Tyre size, loading wheels (diameter*width)		mm	Φ80x60	Φ100x50
3.4	Tyre size, caster wheels (diameter*width)		mm	Φ130x55	Φ100x50
3.5	Wheels, number driving, caster/loading (x=drive wheels)		mm	1x + 1/4	1x + 1/4
3.6	Track width, front, driving side	b <sub>10</sub>	mm	533	533
3.7	Track width, rear, loading side	b <sub>11</sub>	mm	400	1060/1160/1260/1360
Dimensions					
4.1	Height, mast lowered	h <sub>1</sub>	mm	2052	2083
4.2	Lift height	h <sub>3</sub>	mm	2930	2930
4.3	Height, mast extended	h <sub>4</sub>	mm	3487	3895
4.4	Height drawbar in driving position min./max.	h <sub>14</sub>	mm	860/1200	860/1200
4.5	Height of wheel arms	h <sub>8</sub>	mm	100	100
4.6	Lowered height	h <sub>13</sub>	mm	88	60
4.7	Overall length	l <sub>1</sub>	mm	1740	1650
4.8	Length to face of forks	l <sub>2</sub>	mm	590	580
4.9	Chassis width	b <sub>1</sub>	mm	800	1135/1235
4.10	Overall width	b <sub>2</sub>	mm	800	1335/1435
4.11	Fork dimensions	s/e/l	mm	60/170/1150	35/100/1070
4.12	Fork carriage width	b <sub>3</sub>	mm	680	800
4.13	Distance between fork-arms	b <sub>5</sub>	mm	570	200~765
4.14	Ground clearance, laden, below mast	m <sub>1</sub>	mm	/	/
4.15	Ground clearance, center of wheelbase	m <sub>2</sub>	mm	30	40
4.16	Aisle width for pallets 1000 x 1200 crossways	Ast	mm	2225	2255
4.17	Aisle width for pallets 800 x 1200 lengthways	Ast	mm	2150	2180
4.18	Turning radius	Wa	mm	1408	1404
Performance data					
5.1	Travel speed, laden/unladen		km/h	4/4.5	4/4.5
5.2	Lifting speed, laden/unladen		m/s	0.12/0.22	0.12/0.22
5.3	Lowering speed, laden/unladen		m/s	0.12/0.11	0.12/0.11
5.4	Max. gradeability, laden/unladen		%	3/10	3/10
5.5	Service brake type			Electromagnetic	Electromagnetic
Electric-engine					
6.1	Drive motor rating S2 60min		kW	0.65	0.65
6.2	Lift motor rating at S3 15%		kW	2.2	2.2
6.3	The maximum allowed size battery		mm	325x180x230	325/180/230
6.4	Battery voltage/nominal capacity K20		V/Ah	2x12/105	2x12/105
6.5	Battery weight		kg	2x30	2x30
Addition date					
8.1	Type of drive unit			DC	DC
8.2	Steering type			Mechanical	Mechanical
8.3	Sound pressure level at the driver's ear			74	74

Note: For detailed customization, features and benefits of the truck, please contact your local dealership for more information.  
Improvement made to truck may result in changes to the truck parameters.

# Unlock the **VIGOUR** within **Simplicity. Pragmatic. Dynamic**

Specifically built to handle a wide variety of pallet sizes, the **SBP12E/SBP12EAS** is an **ideal warehouse solution** that exists in either **straddle, and non-straddle legs version** can be easily deployed for **moderate duration usage** or **use in areas that has limited ceiling height restrictions**.

Capable of lifting up to a **maximum lift height of 3.6 meters**, the **TINZY SBP12EAS** is the lightest truck model among the SBP series proves to justify for its cost effectiveness and empowers the operator to **Lift with TRUST!**



## ✓ **Quality Protection**

- Fully enclosed protective covers protect the truck from direct element corruptions or damage to the internal electric components
- Quality AMP connectors and durable electrical wiring enhance the overall truck reliability and avoid malfunction from electrical failure
- Automatic speed reduction feature when the forks exceed the preset lifting height
- Standard clear mast guard protects the operator from suffering physical injury resulted from component failure or mishandling

## ✓ **Ergonomic Handling**

- Integrated control buttons allow operator to control both travelling and electric lifting and to lower of forks simultaneously with ease
- LED display of the truck status - Battery level, On/Off status, Running Hours and Fault Code
- Various adjustable straddle legs to accommodate different pallet sizes

## ✓ **Automatic Lift Limitation**

- Automatically cuts off the lift function if the battery level hits 20% or below

## ✓ **Easy Charging**

- Equipped with a standard 10 Amp built-in charger helps to facilitate charging of batteries

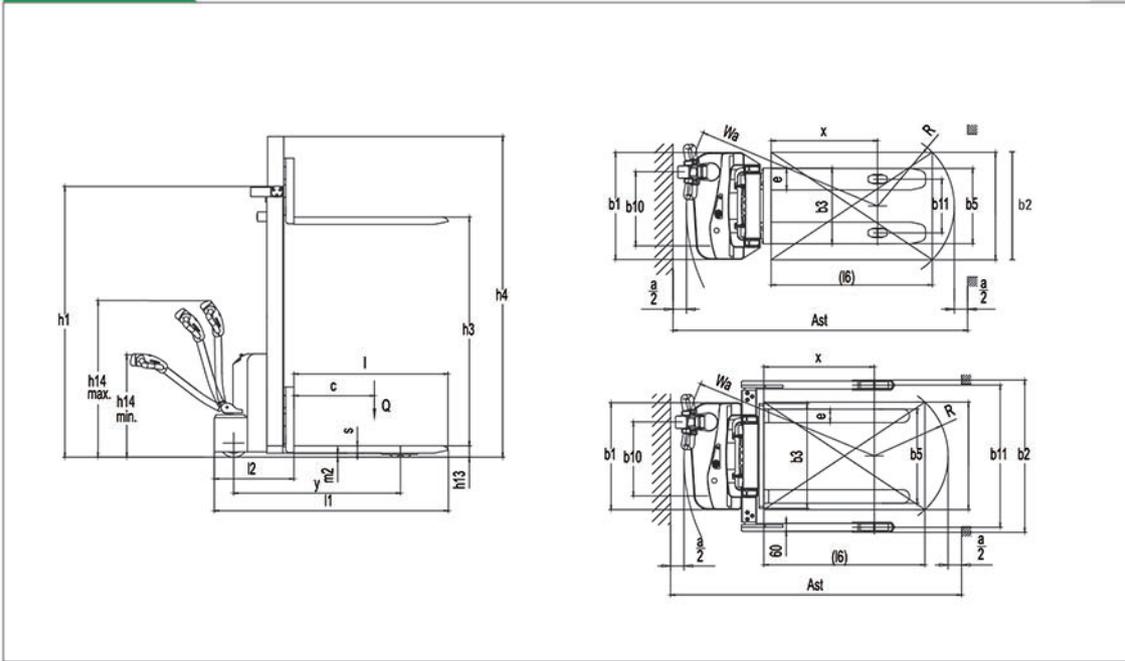
## ✓ **Easy Battery Access**

- Quick access to the batteries compartment to conduct quick inspection or replacement of batteries without using complicated tools
- \*Option is available for bigger battery size up to 120Ah**

## **KEY productivity Options:**

- Mono-lift mast with up to 2 meters for specialized low lift operation
- Larger battery capacity up to 120Ah
- Pattern profile drive tire to enhance grip on wet surface





RATED CAPACITIES GRAPH

Duplex & Mono Mast



mast types	Lift h3+h13 (mm)	Lowered mast height h1 (mm)	Free lift h2 (mm)	Extended mast height h4 (mm)
SBP12E (Duplex Mast)	1205	1575	1120	1575
	1405	1775	1320	1775
	1605	1975	1520	1975
	1705	2075	1705	2075
	2515	1802	—	3021
	2715	1902	—	3221
	3015	2052	—	3521
	3315	2202	—	3821
SBP12ES (Duplex Mast)	1160	1600	1110	1600
	1360	1800	1310	1800
	1560	2000	1510	2000
	1660	2100	1610	2100
	2470	1833	—	3395
	2670	1933	—	3595
	2970	2083	—	3895
	3270	2233	—	4195
SBP12E (Mono Mast)	1605	1940	1505	1955
	1955	2290	1855	2305
SBP12ES (Mono Mast)	1560	1940	1387	2053
	1910	2290	1737	2403