



SBP14EAS / SBP18EAS

Electric Stacker 1.4 / 1.8t

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Distinguishing mark					
1.1	Model designation			SBP14EAS	SBP18EAS
1.2	Drive unit			Electric	Electric
1.3	Type of operation			pedestrian	pedestrian
1.4	Rated capacity	Q	kg	1400	1800
1.5	Load center distance	c	mm	600	600
1.6	Load distance, centre of drive axle to fork	x	mm	610	610
1.7	Wheelbase	y	mm	1350	1455
Weight					
2.1	Service weight (include battery)		kg	1320	1520
2.2	Axle loading, laden driving side/loading side		kg	815/1905	945/2375
2.3	Axle loading, unladen driving side/loading side		kg	805/515	925/595
Type, Chassis					
3.1	Tyre type Driving wheels/loading wheels			PU/PU	PU/PU
3.2	Tyre size, driving wheels (diameter*width)		mm	Φ230x75	Φ230x75
3.3	Tyre size, loading wheels (diameter*width)		mm	Φ102x73	Φ102x73
3.4	Tyre size, caster wheels (diameter*width)		mm	Φ85x48	Φ102x63.5
3.5	Wheels, number driving, caster/loading (x=drive wheels)		mm	1x + 2/4	1x + 2/4
3.6	Track width, front, driving side	b ₁₀	mm	580	580
3.7	Track width, rear, loading side	b ₁₁	mm	1170/1270/1370	1170/1270/1370
Dimensions					
4.1	Height, mast lowered	h ₁	mm	2118	2118
4.2	Free lift	h ₂	mm	150	150
4.3	Lift height	h ₃	mm	3200	3200
4.4	Height, mast extended	h ₄	mm	4115	4115
4.5	Height drawbar in driving position min./max.	h ₁₄	mm	990/1500	990/1500
4.6	Height of wheel arms	h ₈	mm	100	100
4.7	Lowered height	h ₁₃	mm	60	65
4.8	Overall length	l ₁	mm	1987	2092
4.9	Length to face of forks	l ₂	mm	917	1022
4.10	Chassis width	b ₁	mm	850	850
4.11	Overall width	b ₂	mm	1270/1370/1470	1270/1370/1470
4.12	Fork dimensions	s/e/l	mm	40/100/1070	45/100/1070
4.13	Fork carriage width	b ₃	mm	800	800
4.14	Distance between fork-arms	b ₅	mm	200-760	200-760
4.15	Distance between wheel arms	b ₄	mm	1070/1170/1270	1070/1170/1270
4.16	Ground clearance, center of wheelbase	m ₂	mm	50	50
4.17	Aisle width for pallets 1000 x 1200 crossways	Ast	mm	2460	2560
4.18	Aisle width for pallets 800 x 1200 lengthways	Ast	mm	2460	2560
4.19	Turning radius	Wa	mm	1545	1645
Performance data					
5.1	Travel speed, laden/unladen		km/h	5.5/6.0	4.5/5.0
5.2	Lifting speed, laden/unladen		m/s	0.127/0.23	0.127/0.23
5.3	Lowering speed, laden/unladen		m/s	0.26/0.20	0.26/0.20
5.4	Max. gradeability, laden/unladen		%	8/10	6/10
5.5	Service brake type			Electromagnetic	Electromagnetic
Electric-engine					
6.1	Drive motor rating S2 60min		kW	1.1	1.1
6.2	Lift motor rating at S3 15%		kW	3	3
6.3	The maximum allowed size battery		mm	800/230/open	800/330/open
6.4	Battery voltage/nominal capacity K5		V/Ah	24/210	24/280
6.5	Battery weight		kg	190	250
Addition date					
8.1	Type of drive unit			AC	AC
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.

Get the **JOB DONE** with the **RIGHT** truck for the **RIGHT** applications

Available in two models with **capacities available in 1.4 and 1.8 Tonnes**, the **SBP14EAS/SBP18EAS** is ready to equip your businesses with **TOUGHER** options to handle sophisticated demands even in the smallest spaces.

Equipped with a few **adjustable straddle legs configurations**, the SBP14EAS/SBP18EAS is capable of adapting and fitting most pallet sizes, suitable for handling either **block stacking** or **palletized** storage on most selective racking applications.

The whole structures carefully designed with added **ergonomic considerations** such as increasing the tiller arm length to lessen excessive stress on the operator's arm for **constant productivity** through extended shifts!



✓ **Quick Battery Change**

- **Battery drop down design** facilitates changing of battery more proficiently and also with easy access to the battery water refilling point

✓ **Operator Safety**

- **Automatic travel speed reduction** when the forks are lifted above the height setting
- **Dependable hydraulic system** prevents mast from dropping abruptly due to sudden loss of hydraulic pressure or hydraulic leaks
- **Full electromagnetic brakes** provides enhanced braking effect with anti-rollback function even when travelling and stopping on steep ramps
- **Automatic lift lock** will lock the mast at its last lift position if there is a sudden disconnection of power supply
- **Automatic limit performance** when the remaining power hits critical 20% or below battery charge

✓ **Easy Maintenance & Improved Reliability**

- **Quick access** to the internal key components for inspection, maintenance, and replacement via loosening four securing bolts
- **Robust & maintenance free AC traction motor** allows smooth travel transition from point to point
- **Plug in diagnostics** shorten time required for troubleshooting
- **AMP connectors and durable electrical harnesses** for greater reliability
- **Standard Battery discharge indicator** (*Indicates operating hours, battery level and error code)

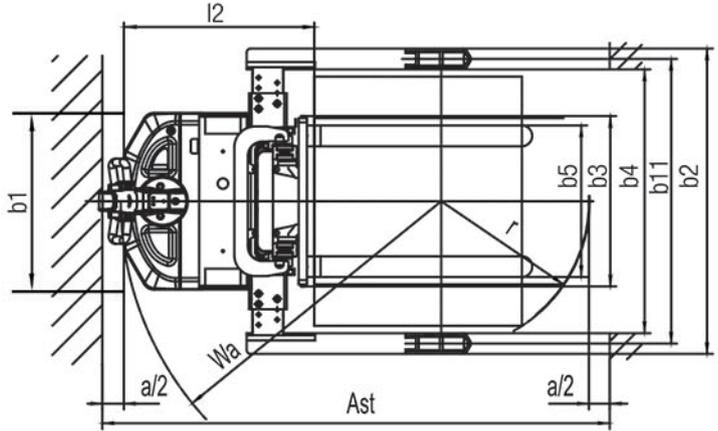
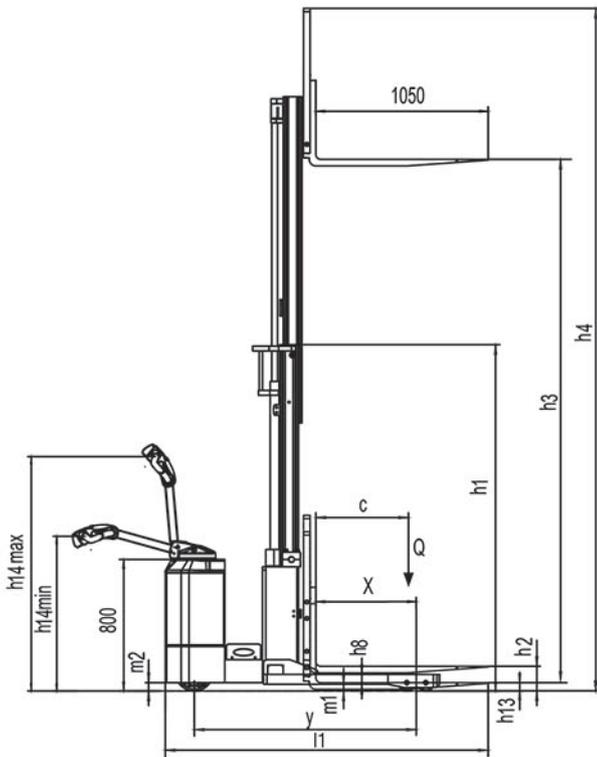
✓ **Multifunctional Controls**

- **Standard Pin-Code entry** with second level password setting limits unauthorized usage of truck
- **Multifunctional control handle** allow the operator to multitask lifting/lowering of the mast while travelling
- **Creep speed mode** automatically decreases the truck travel speed when the tiller arm is at near vertical position

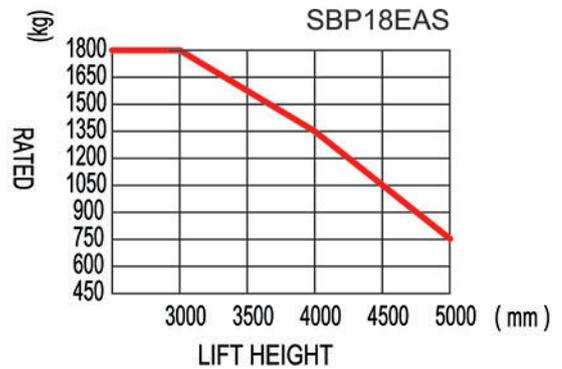
KEY productivity Options:

- Enhanced free lifting: Free lift up to 1200mm for 2 stage mast
- Proportional valve: Offers more precise hydraulic controls over lifting and lowering of forks





RATED CAPACITIES GRAPH



Mast Option

mast types	Lift h3+h13 (mm)	Lowered mast height h1 (mm)	Free lift h2 (mm)	Extended mast height h4 (mm)
Duplex ZT	2640	1838	150	3555
	3000	2018	150	3915
	3200	2118	150	4115
	3590	2303	150	4505
Duplex ZZ	2660	1819	904	3585
	2960	1969	1054	3885
	3260	2119	1204	4185
Triplex DZ	4000	1822	904	4915
	4500	2022	1107	5415
	4800	2122	1207	5715
	5000	2187	1272	5915



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