

Mlift



SBX15EA Electric Stacker 1.5t

SBX15EA

Reach Fork Electric Stacker 1.5t

Distinguishing			
1.1	Model designation		SBX15EA
1.2	Drive unit		Battery
1.3	Operator type		standing
1.4	rated capacity	Q	t
1.5	Load center distance	c	mm
1.6	Wheelbase	y	mm
Weight			
2.1	Service weight (include battery)		kg
2.2	Axle loading, fork advanced, unladen driving side/loading side		1150/715
2.3	Axle loading, fork retracted, unladen driving side/loading side		1250/615
2.4	Axle loading, fork advanced, laden driving side/loading side		kg
2.5	Axle loading, fork retracted, laden driving side/loading side		kg
Types,Chassis			
3.1	Tyre type driving wheels/loading wheels		polyurethane/polyurethane
3.2	Tyre size, driving wheels (diameter×width)	mm	Φ260×105
3.3	Tyre size, loading wheels (diameter×width)	mm	Φ102×73
3.4	Tyre size, caster wheels (diameter×width)		Φ100×73
3.5	Wheels, number driving, caster/loading (x=drive wheels)	mm	1x2/4
3.6	Track width,rear,loading side	b ₁₁	mm
Dimensions			
4.1	Tilt of mast/fork carriage forward/backward	α/β	°
4.2	Height, mast lowered	h ₁	mm
4.3	Free lift (load backrest)	h ₂	mm
4.4	Lift height	h ₃	mm
4.5	Height, mast extended	h ₄	mm
4.6	Seat height/standing height	h ₇	mm
4.7	Height of wheel arms	h ₆ (mm)	mm
4.8	Overall length (minimum)	l ₁	mm
4.9	Length to face of forks	l ₂	mm
4.10	Overall width	b ₁ / b ₂	mm
4.11	Fork dimensions	s/ e/ l	mm
4.12	Fork carriage class/type A, B		mm
4.13	Fork carriage width	b ₃	mm
4.14	Distance between fork-arms	b ₅	mm
4.15	Distance between wheel arms/loading surfaces	b ₄	mm
4.16	Reach distance	l ₄	mm
4.17	Ground clearance, laden, below mast	m ₁	mm
4.18	The minimum ground clearance of frame	m ₂	mm
4.19	Aisle width for pallets 1000 × 1200 crossways	Ast	mm
4.20	Aisle width for pallets 800 × 1200 lengthways	Ast	mm
4.21	turning radius	W _a	mm
4.22	Length across wheel arms (exclusive fork)	l ₇	mm
Performance data			
5.1	Travel speed, laden/ unladen		km/ h
5.2	Lifting speed, laden/ unladen		m/ s
5.3	Lowering speed, laden/ unladen		m/ s
5.4	Reaching speed, laden / unladen		m/ s
5.5	Max. gradeability, laden/unladen		%
5.6	Service brake type		Electromagnetic
Electric-engine			
6.1	Drive motor rating S2 60 min		kW
6.2	Lift motor rating at S3 15%		kW
6.3	The maximum allowed size battery		mm
6.4	Battery voltage/nominal capacity K5		V/ Ah
6.5	Battery weight		kg
Addition data			
8.1	Type of drive unit		AC
8.2	Steering type		Electronic
8.3	Sound pressure level at the driver's ear		dB (A)

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.

Be the aisle **MASTER** of your own Lift **HIGHER. LIFT SMARTER. LIFT MORE.**

Embrace the revolutionary truck that pairs both **DYNAMIC** handling and **SUPERIOR MOBILITY** advantage to **OUTPERFORM** any ordinary stacker truck, the latest **BRAZOS series SBX12EA/SBX15EA - scissors reach stacker** is the perfect aisle solution specially built to optimize individual racking spaces with added precisions to stack loads **faster and safer!**

Capable of lifting up to a **maximum lift height of 5.5 meters**, and travel at a **top speed of 6km/hr**, the SBX12EA/SBX15EA is competent to achieve higher throughput cycles with the choice of an added foldable platform to **supplement productivity with comfort.**



✓ 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
- **Sturdy scissors reach design** with added cushions to absorb shocks upon extending and retraction of forks movement
- **Automatic lift cut off** activates when the remaining power hits critical 20% or below battery charge

✓ Improved Reliability & Maintenance

- **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
- **Enhanced heat dissipating design** to suit long time operation and protect components from overheating
- **Standard Battery discharge indicator** (*Indicates operating hours, battery level and error code)



✓ Quick Battery Change

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



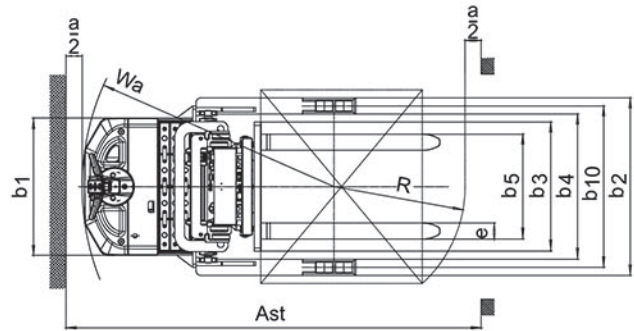
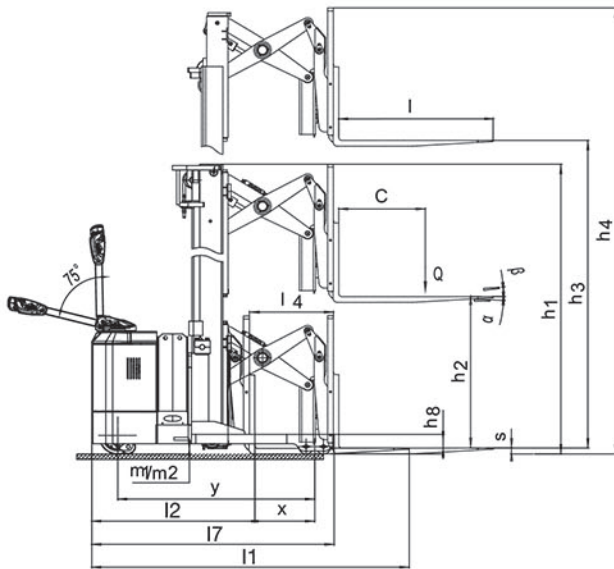
✓ Multifunction Controls

- **AC power steering** as a standard feature provides effortless steering experience and relieve operator from long hours physique fatigue
- **Compact tiller head with integrated controls** allow the operator to multitask lifting/lowering of the mast while travelling
- **Standard proportional valve** allows precise and smooth handling of the loads more efficiently
- **Standard tilt function** to increase load handling stability

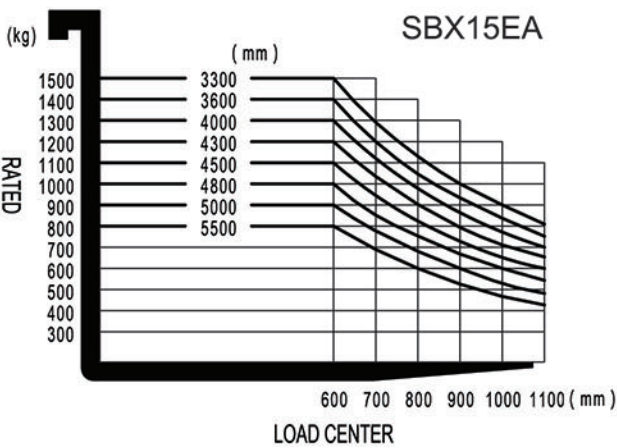


KEY productivity Options:

- **Various wide baselegs opening options:**36"/42"/48" (*On special request to suit wide pallet handling)
- **High capacity battery:**280Ah/360Ah
- **Integral side shifter**



RATED CAPACITIES GRAPH



MAST				SERVICE WEIGHT (include battery)
2-stage mast		SBX15EA		
Lift height	Lowered mast height	Free lift	Extended mast height	Service weight
h3	h1	h2	h4	(kg)
2700	1940	0	3660	1855
3000	2090	0	3960	1865
3300	2240	0	4260	1875
3600	2390	0	4560	1885
4000	2590	0	4960	1895
4300	2740	0	5260	1905
3-stage mast		SBX15EA		
Lift height	Lowered mast height	Free lift	Extended mast height	Service weight
h3	h1	h2	h4	(kg)
4000	1960	1000	4955	2095
4500	2130	1170	5455	2110
4800	2230	1270	5760	2120
5000	2295	1335	5960	2125
5500	2460	1500	6460	2140

DIMENSIONS (mm)

		SBX15EA	
		2-stage mast	3-stage mast
Overall length (minimum)	l ₁	2340	2350
Aisle width for pallets 1000 × 1200 crossways	Ast	2695	2705
Aisle width for pallets 800 × 1200 lengthways	Ast	2730	2750
Aisle width for pallets 1000 × 1200 lengthways	Ast	2785	2795
Aisle width for pallets 800 × 1200 crossways	Ast	2580	2585



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