

Mlift



SBXP15EA

Reach Fork Electric Stacker 1.5t

SBXP15EA

Reach Fork Electric Stacker 1.5t

Distinguishing mark			
1.1	Model designation		SBXP15EA
1.2	Drive unit		Battery
1.3	Operator type		Standing
1.4	Rated capacity	Q t	1.5
1.5	Load center distance	c mm	600
1.6	Wheelbase	y mm	1365
Weight			
2.1	Service weight (include battery)	kg	1950
2.2	Axle loading, fork advanced, unladen driving side/loading side	kg	1220 / 770
2.3	Axle loading, fork retracted, unladen driving side/loading side	kg	1330 / 650
2.4	Axle loading, fork advanced, laden driving side/loading side	kg	550 / 3140
2.5	Axle loading, fork retracted, laden driving side/loading side	kg	1220 / 2380
Types, Chassis			
3.1	Tyre type driving wheels/loading wheels		polyurethane / polyurethane
3.2	Tyre size, driving wheels (diameter×width)	mm	Φ 260 x 105
3.3	Tyre size, loading wheels (diameter×width)	mm	Φ 102 x 73
3.4	Tyre size, caster wheels (diameter×width)		/
3.5	Wheels, number driving, caster/loading (x=drive wheels)	mm	1 x 2/4
3.6	Track width, front, driving side	b ₁₀ mm	0
3.7	Track width, rear, loading side	b ₁₁ mm	960
Dimensions			
4.1	Tilt of mast/fork carriage forward/backward	α/β °	2/4
4.2	Height, mast lowered	h ₁ mm	2100
4.3	Free lift (load backrest)	h ₂ mm	160
4.4	Lift height	h ₃ mm	3200
4.5	Height, mast extended	h ₄ mm	4134
4.6	Seat height / standing height	h ₇ mm	/
4.7	Height of wheel arms	h ₈ mm	135
4.8	Overall length (minimum)	l ₁ mm	2251
4.9	Length to face of forks	l ₂ mm	1181
4.10	Overall width	b ₁ /b ₂ mm	860/1060
4.11	Fork dimensions	s/e/l mm	40/100/1070
4.12	Fork carriage class / type A, B	mm	A
4.13	Fork carriage width	b ₃ mm	800
4.14	Distance between fork-arms	b ₅ mm	200-710
4.15	Distance between wheel arms / loading surfaces	b ₄ mm	860
4.16	Reach distance	l ₄ mm	590
4.17	Ground clearance, laden, below mast	m ₁ mm	70
4.18	The minimum ground clearance of frame	m ₂ mm	90
4.19	Aisle width for pallets 1000 x 1200 crossways	Ast mm	2643
4.20	Aisle width for pallets 800 x 1200 lengthways	Ast mm	2690
4.21	turning radius	Wa mm	1590
4.22	Length across wheel arms (exclusive fork)	l ₇ mm	1820
Performance data			
5.1	Travel speed, laden/unladen	km/h	5,5/6
5.2	Lifting speed, laden/unladen	m/s	0.145/0.170
5.3	Lowering speed, laden/unladen	m/s	0.25/0.15
5.4	Reaching speed, laden/unladen	m/s	0.08/0.08
5.5	Max. gradeability, laden/unladen	%	6/10
5.6	Service brake type		Electromagnetic
Electric-engine			
6.1	Drive motor rating S2 60 min	kW	3.3
6.2	Lift motor rating at S3 15%	kW	4
6.3	The maximum allowed size battery	mm	815x208x630
6.4	Battery voltage/nominal capacity K5	V/Ah	24/280
6.5	Battery weight	kg	230
Addition data			
7.1	Type of drive unit		AC
7.2	Steering type		Electronic
7.3	Sound pressure level at the driver's ear	dB (A)	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.

Revolutionary reach trucks, Break old limitations and Reach New Heights



MLIFT SBXP15EA is a revolutionary line of reach trucks that provides the travel, lifting and lowering functions that your warehouse needs. Fitted with an advanced AC inverter and sophisticated hydraulic system, our trucks are the perfect addition for heavy-duty tasks.

Integrated with power steering and high-performance transmission systems, your operators can achieve maximum productivity on the factory floor. Optional enhancements include larger industrial grade capacities batteries with external chargers.

Customised for intensive applications

- Efficient drive motors power the truck's top speed of 5.5km/h when fully loaded
- Sophisticated ZAPI Combi AC Inverter delivers high performance and consistent speeds regardless of the intensity of load applications
- Regenerative braking systems puts energy back into the trucks braking power
- Sealed components enable the reach truck to operate in harsh environments
- Superior battery powers with 280Ah Lead Acid Battery



Excellent ergonomic design

- Electromagnetic braking is activated to multiply the braking power on the motor armature shaft during operation
- Accessible operator controls integrated onto the ergonomic operator handles, allowing for quick adjustments of travel speeds, lifting and lowering
- Smart braking system ensures operator safety first by lowering truck speeds when the control arm is in a neutral position



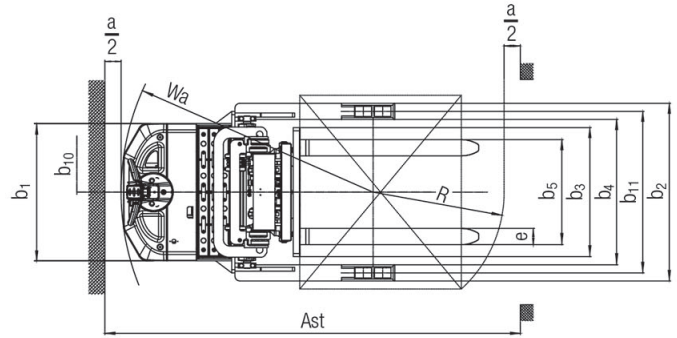
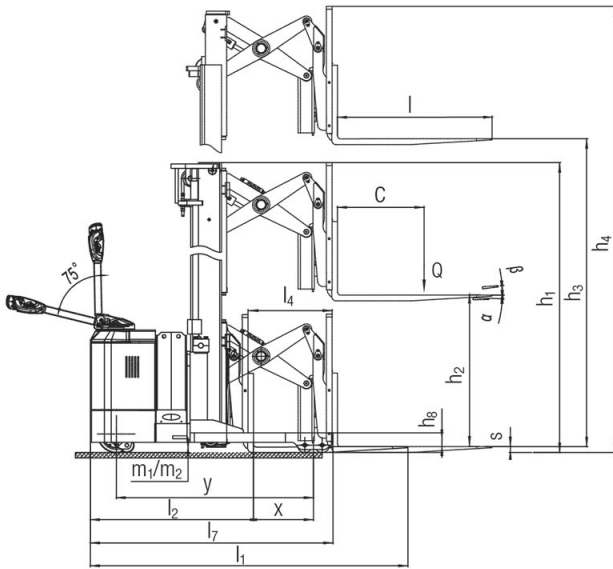
Intuitive inspection and maintenance

- Optimally designed transmission system reduces the need for maintenance and lowers ambient machinery noise
- Accessible components for inspection by simply accessible to reveal internal parts for maintenance and servicing
- Full visibility of battery discharge and other system indicators on the ZAPI handheld console

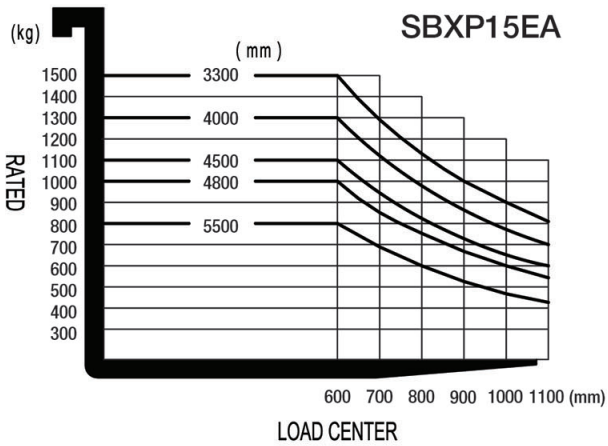
Advanced design for load handling

- Rigid I-beam masts provide the reliable backbone for intensive lifting and lowering applications
- Forward carriage extensions beyond the straddle legs are possible using the truck's pantograph with sideshift and tilt functions
- Chrome-plated lift cylinders are hydraulically powered to deliver a top lifting speed of up to 0.145m/s on a 1.5 Ton load
- Power steering capabilities is optional to ensure minimal steering effort required even for heavy loads and strenuous lifting applications





RATED CAPACITIES GRAPH



MAST				SERVICE WEIGHT (Include Battery)
2-stage mast SBXP15EA				
Lift height	Lowered mast height	Free lift	Extended mast height	Service weight
h ₃	h ₁	h ₂	h ₄	(kg)
2700	1860	160	3655	1790
3000	2000	160	3935	1930
3200	2100	160	4135	2030
3-stage mast SBXP15EA				
Lift height	Lowered mast height	Free lift	Extended mast height	Service weight
h ₃	h ₁	h ₂	h ₄	(kg)
4000	1960	1000	4955	1790
4500	2130	1170	5455	1930
4800	2230	1270	5760	2030

DIMENSIONS (mm)

SBXP15EA			
		2-stage mast	3-stage mast
Overall length (minimum)	l ₁	2340	2350
Aisle width for pallets 1000 x 1200 crossways	Ast	2695	2705
Aisle width for pallets 800 x 1200 lengthways	Ast	2730	2750
Aisle width for pallets 1000 x 1200 lengthways	Ast	2785	2795
Aisle width for pallets 800 x 1200 crossways	Ast	2580	2585

