



SES10 / SES12 / SES15 ELECTRIC SELF-LIFTING STACKER

Capacity 1000 KGS / 1200 KGS / 1500 KGS

SES10 / SES12 / SES15 Self-lifting truck and stacker are designed to facilitate freight loading. Operations are more efficient and loading is more easier.

Load capacity is 1 ton, 1.2 tons and 1.5 tons lifting height from 90 cm to 165 cm. The compact and lightweight design is suitable for various application scenarios.



● Pin-code handle
(For option)

Drive control

Turtle speed

Battery indicator

Magnetic movable key

Emergency reverse

Horn

Lifting & lowering



Magnetic control

It can hold on the metal easily and not possible to lose.



Emergency button

Located where you can easily reach and control, assuring safety for people and vehicle.



Replaceable battery

Designed on side of the vehicle, which is easy to replace and charge easily.



Solid metal leg

The legs are made of solid flat iron for higher load-bearing strength.



Main Feature



High strength chassis design

The high strength chassis and compact design ensure the long life and flexibility. Specifically supported by its perfect metal welding and bending technology, and metal toughness as well.



Variety battery capacity available

By pairing battery volumes and its chargers to match various work time demands.



Security and stability

The hydraulic lifting system of this vehicle adopts the design without oil pipe, which greatly improves the reliability of the hydraulic system and reduces the risk of oil leakage of the joint or oil pipe.



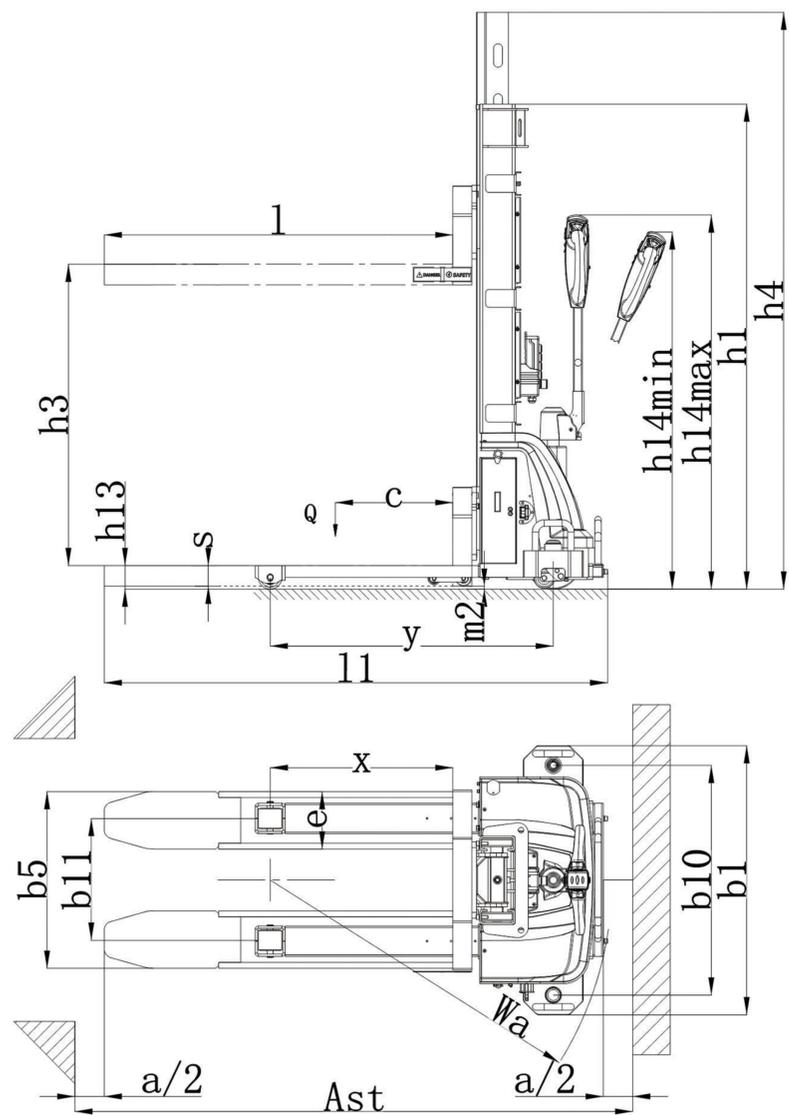
Intelligent control system

Equipped with CAN-BUS technology, automatically monitoring the status of the truck, and fault diagnosis.

SPECIFICATION

Technical Specification

Designation	Lowered mast height h1(mm)	Free Lift height h2(mm)	Lift height h3(mm)	Extended mast height h4(mm)	Lift+fork height h3+h13(mm)
SES					
Two stage mast	1250	-	815	2080	900
	1450	-	1015	2480	1100
	1650	-	1215	2880	1300
	1850	-	1415	3280	1500
	2000	-	1565	3580	1650
Two stage mast FFL (Full-Free-Lift)	-	-	-	-	-
Three stage mast	-	-	-	-	-
Three stage mast FFL (Full-Free-Lift)	-	-	-	-	-



SES10 / SES12 / SES15

Technical Specification

		Manufacturer's type designation	SES				
Distinguishing mark	1.3	Power (battery ,diesel, petrol, gas, manual)	Battery				
	1.4	Operator type	Pedestrian				
	1.5	Load capacity / Rated load	Q(t)	1.0	1.2	1.5	
Weight	1.6	Load centre distance	C (mm)	400			
	1.8	Load distance ,centre of drive axle to fork	X (mm)	622			
	1.9	Wheelbase	Y (mm)	980			
	2.1	Service weight	kg	430			
	2.2	Axle loading, laden front/rear	kg	\			
Tires, chassis	2.3	Axle loading, unladen front/rear	kg	\			
	3.1	Tires		PU			
	3.2	Tire size, front	Ø × w (mm)	φ190 × 70			
	3.3	Tire size, rear	Ø × w (mm)	φ80 × 70			
	3.4	Additional wheels(dimensions)	Ø × w (mm)	φ75 × 35			
	3.5	Wheels, number front/rear(x=driven wheels)		1X+2/2			
	3.6	Track, front	b10 (mm)	780			
	3.7	Track, rear	b11 (mm)	417			
	Dimensions	4.2	Lowered mast height	h1 (mm)	1450		
		4.3	Free Lift height	h2 (mm)	\		
4.4		Lift height	h3 (mm)	1015			
4.5		Extended mast height	h4 (mm)	2480			
4.6		Initial lift	h5 (mm)	105			
4.9		Height of tiller in drive position min./ max.	h14 (mm)	740/1250			
4.15		Height, lowered	h13 (mm)	85			
4.19		Overall length	l1 (mm)	1730			
4.20		Length to face of forks	l2 (mm)	527			
4.21		Overall width	b1 (mm)	920			
4.22		Fork dimensions	s/e/l (mm)	70/195/1220			
4.25		Distance between fork-arms	b5 (mm)	560/600			
4.32		Ground clearance, centre of wheelbase	m2 (mm)	10			
4.33		Aisle width for pallets 1000X1200 crossways	Ast (mm)	2089			
4.34		Aisle width for pallets 800X1200 lengthways	Ast (mm)	2083			
4.35	Turning radius	Wa (mm)	1180				
Performance data	5.1	Travel speed, laden/ unladen	Km/h	4.0/4.2			
	5.2	Lift speed, laden/ unladen	m/s	0.06/0.07			
	5.3	Lowering speed, laden/ unladen	m/s	0.1/0.09			
	5.8	Max. gradeability, laden/ unladen	%	\			
Electric- engine	5.10	Service brake		Electromagnetic			
	6.1	Drive motor rating S2 60min	kw	0.85			
	6.2	Lift motor rating at S3 4.5%	kw	2.2			
	6.3	Battery acc. to DIN 43531/35/36 A, B, C, no		\			
	6.4	Battery voltage, nominal capacity K5	V/Ah	48/25(48/30)	48/30		
	6.5	B Battery weight +/-5%	kg	30			
Additional data	6.6	Energy consumption acc. to VDI cycle	kWh/h	\			
	8.1	Type of drive control		DC speed control			
	8.4	Sound level at driver's ear acc. to EN 12053	dB(A)	≤ 70			

Note: For other specification parameters, please refer to the attached table