



SPN15 SEMI-ELECTRIC STACKER

Load capacity 1500 KGS

Lift up to 1600 mm - 3500 mm

The best choice for short distance transportation



Lifting handle



Universal caster with brake

Main Feature



Variety battery capacity available

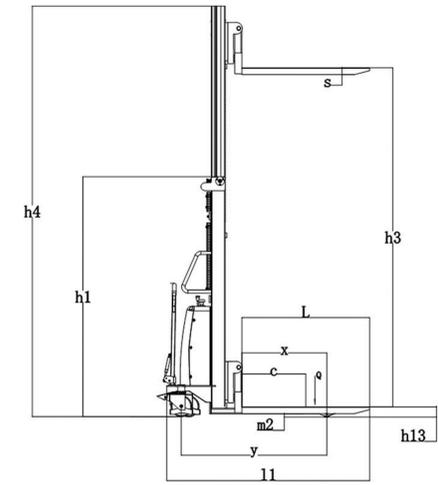
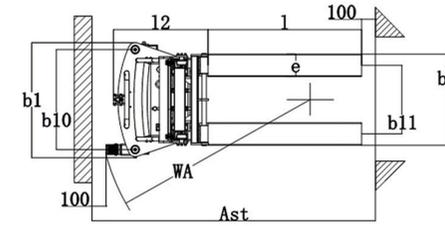
By pairing battery volumes and its chargers to match various work time demands.



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.

PRODUCT PARAMETER



Model		SPN15(550)			SPN15(650)	
		1600	2000	2500	3000	3500
Lift height	(mm)	1600	2000	2500	3000	3500
Power (Electric, diesel, gasoline, LPG, Electric)		/				
Drive type (Manual, walking, standing, riding, picking)		Manual				
Load Capacity	Q(t)	1.5				
Load center distance	C(mm)	600				
Load distance, center of drive axle to fork	x(mm)	730				
Wheel base	y(mm)	1253				
Service weight (including battery)	Kg	350	377	411	445	467
Laden capacity Driving side /loading side	Kg	/				
Unladen capacity Driving side/loading side	Kg	/				
Wheel type		Polyurethane / PU				
Wheel size Drive wheel	Φ×W (mm)	Φ180×50				
Wheel size Load wheel	Φ×W (mm)	Φ80×70				
Steering wheel size	Φ×W (mm)	Φ180×50				
Number of wheels (x=drive wheel) Driving side/loading side		2/2				
Wheelbase (front) Driving side	b10(mm)	714				
Wheelbase (rear) Loading side	b11(mm)	390			490	
Mast height when lowered	h1(mm)	1560				
Free lift height	h2(mm)	/				
Fork lift height	h3(mm)	1915				
Mast max height	h4(mm)	2528				
The height of the handle at the minimum/maximum drive position	h14(mm)	/				
Fork lowered height	h13(mm)	85				
Overall length	l1(mm)	1745				
Length to face of forks	l2(mm)	676				
Overall width	b1/b5(mm)	820/550			820/650	
Fork dimensions	s/e/l(mm)	60/160/1100				
Fork carriage width	b5(mm)	550			650	
Wheelbase center ground clearance	m2(mm)	30				
Aisle width for pallets 1000x1200 crossways	Ast(mm)	2130				
Aisle width for pallets 800x1200 lengthways	Ast(mm)	2030				
Turning radius	Wa(mm)	1513				
Travel speed laden/unladen	km/h	/				
Lift speed laden/unladen	m/s	0.07/0.11			0.7/0.1	
Lowering speed laden/unladen	m/s	0.12/0.09			0.11/0.09	
Max.gradeability laden/unladen	%	/				
Service brake		Mechanical braking				
Drive motor rating S2 60	kw	/				
Lift motor rating at S3 10%	kw	2.2				
Battery acc.to DIN 43531/ 35/ 36 A, B, C						
Battery voltage, nominal capacity K5	V/Ah	12/120				
Battery weight	kg	34				
Energy consumption acc: to VDI cycle	kWh/h	/				
Type of drive control		/				
Sound level at driver's ear acc.to EN 12053	dB(A)	69				

SPN15-SL SEMI-ELECTRIC WALKIE PALLET STACKER (STRADDLE LEG)

Load capacity 1500 KGS

Lift up to 1600 mm - 3500 mm

The best choice for short distance transportation



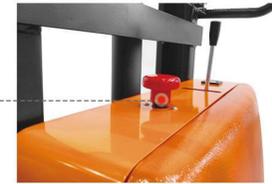
Thickened mast frame

The mast is equipped with precision steel side wheel guide.



Emergency button

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



Long handle

mechanical steering, ergonomic, flexible handling.



Solid metal leg

Steady chassis
Adjustable leg



Main Feature



Variety battery capacity available

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



Security and stability

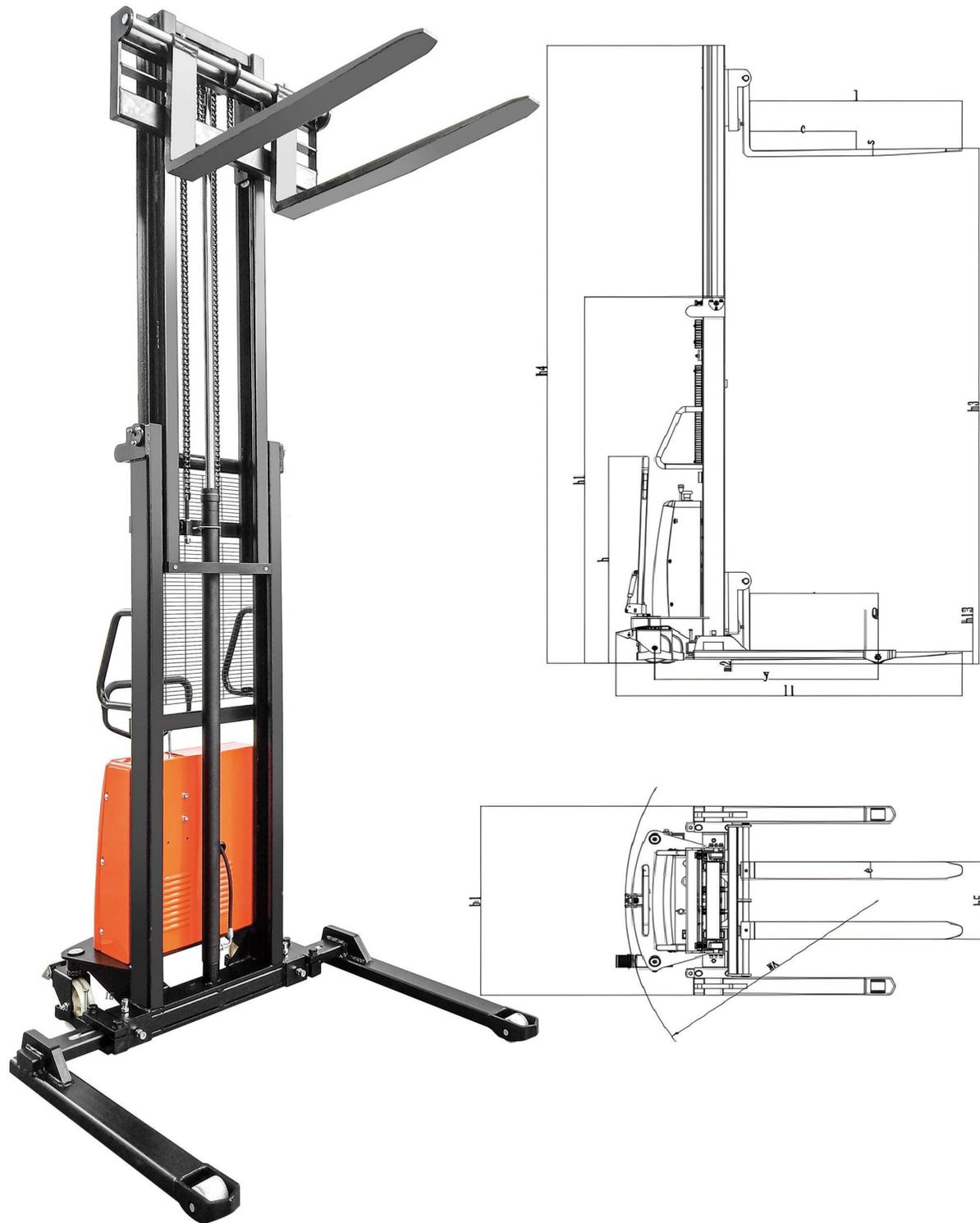
The hydraulic lifting system of this vehicle adopts the design without oil pipe, which greatly improves the reliability of the hydraulic system and reduces the risk of oil leakage of the joint or oil pipe.



Use handle to control fork height electrically

SPECIFICATION

Technical Specification



SPN15-SL

Technical Specification

Model	SPN15-SL					
Operation		Manual				
Load capacity	Q(kg)	1500				
Mast type		Single mast		Duplex mast		
Lift height	h3(mm)	1600	2000	2500	3000	3500
Capacity at highest height	kg	1500	1100	900	700	500
Service weight with battery	kg	470	497	531	565	587
Load center	c(mm)	600				
Front overhang	x(mm)	693				
Wheel base	y(mm)	1210				
Wheel type		PU				
Driving wheel size	Φ×W(mm)	Φ180×50				
Bearing wheel size	Φ×W(mm)	Φ80×70				
Balancing wheel size	Φ×W(mm)	Φ180×50				
Wheel number, front/rear(x=driven)		2/2				
Height of mast, lowered	h1(mm)	2135	1635	1885	2135	2385
Height of mast, Max height	h4(mm)	2135	2605	3105	3605	4105
Fork height, lowered	h13(mm)	60	60	60	60	60
Overall length	l1(mm)	1875				
Overall width	b1(mm)	1100~1500				
Fork dimensions	s/e/l(mm)	35/100/1150				
Width of fork	b5(mm)	210~850				
Min.Ground clearance	m2(mm)	40				
Aisle width with pallet 1000×1200 across forks	Ast(mm)	2409~2443				
Aisle width with pallet 800×1200 along forks	Ast(mm)	2317~2443				
Min.Turning radius	Wa(mm)	1369				
Lifting speed. laden / unladen	mm/s	68 (114)	65 (102)	65 (102)	65 (102)	65 (102)
Lowering speed. laden / unladen	mm/s	115 (89)	113 (89)	113 (89)	113 (89)	113 (89)
Service brake		Mechanical				
Lift motor power	kw	1.6				
Battery voltage/capacity	v/Ah	12/120				
Battery weight(±5%)	kg	34				
Noise level	dB(A)	≤70				