

Manufacturer		SINOLIFT					
Model		SPN15SL					
Distinguishing classification type		SPN1516SL	SPN1520SL	SPN1525SL	SPN1530SL	SPN1535SL	
Specifications	1.1 Drive	Manual + Electric					
	1.2 Operator type	Pedestrian					
	1.3 Load capacity/Rated load	Q	lbs 3300				
	1.4 Load centre distance	c	inch 23.6"				
	1.5 Load distance, centre of drive axle to fork	x	inch 27.3"				
	1.6 Wheelbase	y	inch 47.6"				
Weight	2.1 Service weight (Without battery)	lbs	1034	1093	1062	1243	1291
	2.2 Battery weight	lbs	74.8				
	2.3 Axle loading, laden front/rear		//				
	2.4 Axle loading, unladen front/rear		//				
Tyres,Chassis	3.1 Tires		PU				
	3.2 Tires size, Front	pxy	inch 7.08" x 1.97"				
	3.3 Tires size, Rear	pxy	inch 3.15" x 2.75"				
	3.4 Additional wheels (Dimensions)	pxy	inch 7.08" x 1.97"				
	3.5 Wheel number, Drive wheel/Load Wheel/Balanced wheel (x=drive wheel)		2/2				
	3.6 Tread, front, Load side	b10	inch 28.11"				
	3.7 Tread, rear, Drive side	b11	inch 39.37" ~ 55.12"				
Dimensions	4.1 Lowered mast height	h1	inch 84.05"	64.37"	74.21"	84.05"	93.9"
	4.2 Free lift height	h2	inch 0				
	4.3 Lift Height	h3	inch 62.3"	78.7"	98.4"	118"	138"
	4.4 Extended mast height	h4	inch 84"	102.6"	122.2"	142"	161.6"
	4.5 Height of tiller in drive position min./max.	h14	inch //				
	4.6 Height, lowered	h13	inch 2.36"				
	4.7 Overall length	l1	inch 73.8"				
	4.8 Length to face of forks	l2	inch 24.9"				
	4.9 Overall width	b1/b2	inch 32.3"/(43.3"-59")				
	4.1 Distance between fork-arms	b5	inch 8.27" - 33.46"				
	4.11 Length of leg		inch 44"				
	4.12 Fork dimensions	s/e/l	inch 1.38"/4"/45"				
	4.14 Ground Clearance, centre of wheelbase	m2	inch 1.57"				
	4.15 Aisle width for pallets 1000x1200 crossways	Ast	inch 88.3"				
	4.16 Aisle width for pallets 800x1200 lengthways	Ast	inch 87.2"				
	4.17 Turnign radius	Wa	inch 53.9"				
	Performance	5.1 Travel speed, laden/unladen	mph	//			
5.2 Lift speed, laden/unladen		fpm	15/28.2				
5.3 Lowering speed, laden/unladen		fpm	20.5/18.3				
5.4 Max. Gradeability, laden/unladen			//				
5.5 Service brake			Mechanical				
Electric motor	6.1 Drive motor rating		//				
	6.2 Lift motor rating	hp	2.1				
	6.3 Battery voltage, nominal capacity	V/AH	Lead-acid 1*12V/120AH (150Ah as option)				
	6.5 Type of control		//				
	6.6 Sound level at driver's ear acc. to EN12053	dB(A)	65				



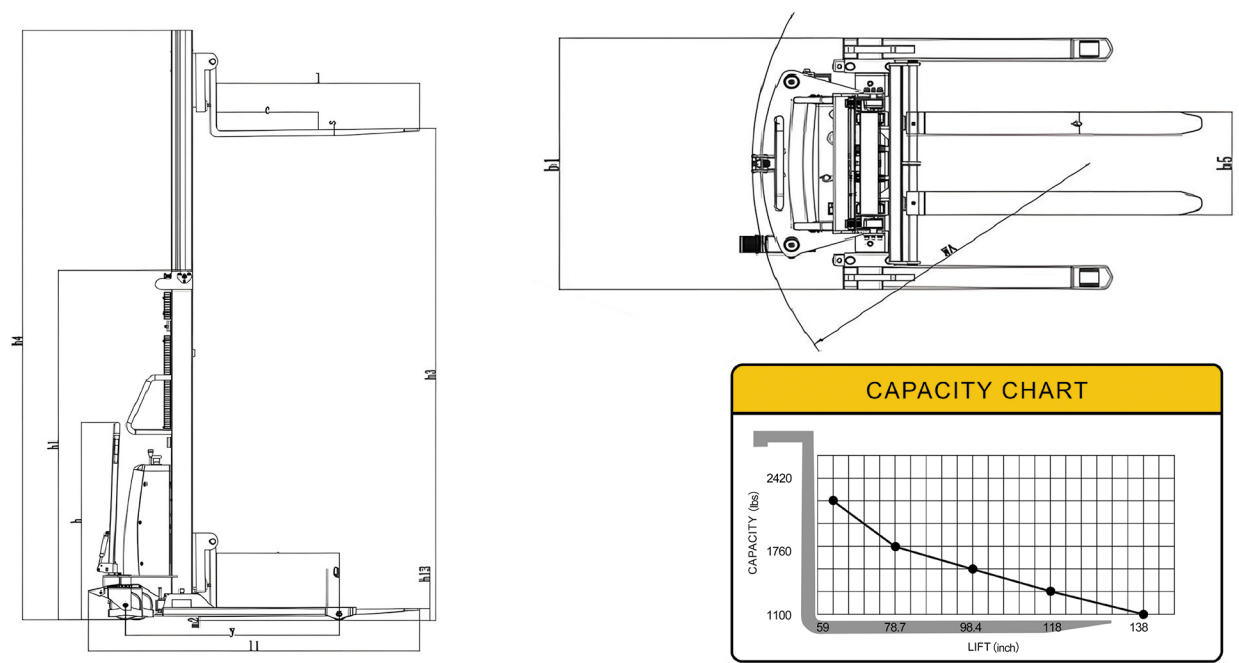
Easy Lift, Easy Life!

Superior quality, maneuverable, compact, and durable for all your material handling applications. Ideal for small aisles and areas.

The Sinolift SPN15SL semi-electric straddle stacker is a blend of the functionality of a forklift and the convenience of a pallet stacker. Perfect for various applications such as loading and unloading trucks, and operating in stock rooms, manufacturing floors, and warehouses, this stacker is a reliable and efficient material handling solution. With a load capacity of 3,300 lbs and a raised height of 138 inches (11.5 ft), the SPN15SL is constructed from high-quality steel and components, ensuring durability and resilience across diverse terrains and applications.

Key Feature:

- High load capacity: Able to handle loads up to 3,300 lbs, suitable for a wide range of tasks.
- Adjustable forks and legs: Ensures versatility for handling different pallet sizes and shapes.
- Power lifting with manual drive: Combines ease of lifting with the simplicity of manual maneuverability.
- Built-in charger and battery: Includes a 12V/120Ah battery and 12V/15A charger for consistent and convenient power.
- Ergonomic design: Features an ergonomic handle for comfortable operation.
- Robust construction: Steel is built with robotic welding for enhanced strength and durability.
- Warranty: Comes with a 3-year limited warranty for added peace of mind.



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The Sinolift power semi electric hydraulic straddle stacker boasts a lifting capacity of 3300 lbs and a maximum lift height of 138 inches. With its innovative design combining hydraulic power and electric operation, this straddle offers efficient and reliable performance for a wide range of material handling tasks in industrial environments. Ideal for warehouses, distribution centers, and manufacturing facilities, this pallet stacker ensures efficient material handling while maximizing productivity. Manually push stacker with Hydraulic motor to raise and lower forks.



Innovative Fork Control Lever ①

Revolutionize your lifting tasks with the innovative fork control lever, designed for precision and ease. This feature streamlines your operations, allowing for rapid adjustments and effortless loading and unloading. Embrace this innovation to enhance your efficiency, reduce manual labor, and elevate your operational standards to new heights.

Emergency Stop Feature ②

Prioritize safety with the stacker's emergency stop feature, a critical addition to your operational toolkit. This feature ensures immediate response in unexpected situations, providing an extra layer of security for you and your team. With this safety mechanism, you can operate with confidence, knowing you're equipped to handle any situation with the utmost care and efficiency.

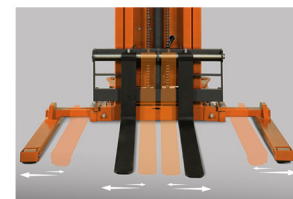
Hydraulic Power System ③

The hydraulic power unit has the advantages of compact structure, sensitive response and strong power, which can adjust the lifting speed according to the needs of users. The main components are international well-known brands, and the system is stable and long service life;



Control Panel

Integrated control panel, with built-in charger, emergency stop button, raise/lower joystick and battery level indicator.



Adjustable Straddle Legs & Forks

Adjustable straddle legs & forged forks, fit more types of pallets, even closed bottom pallet.

Stable and Reliable

Efficient and energy-saving power unit, Overload protection, Throttle valve with pressure compensation function enables stable and reliable lowering. Frame constructed of high-strength C type steel, especially for double frame series which will be more stable when lifting and lowering.

Safe and Comfortable

Efficient and energy-saving power unit, Overload protection, Throttle valve with pressure compensation function enables stable and reliable lowering. Frame constructed of high-strength C type steel, especially for double frame series which will be more stable when lifting and lowering.

Compact Design and Moveability

Features a compact design to move through narrow aisles and small spaces with ease. Double-frame design stabilizes the stacker during use. Sturdy steel construction for long-lasting use.

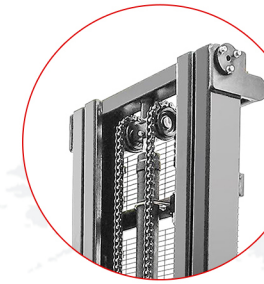
Flexible and Versatile

The adjustable legs to handle various size pallets and skids. It also comes standard with a 45 inches long and 4 inches wide fork big and sturdy enough to be used in different applications like warehousing, refilling of shelves, pallet positioning, manufacturing, stocking and any lifting and stacking jobs you could think of.

Ergonomic and Easy Operation

This ergonomic stacker offers a range of features, including a built-in battery charger, battery gauge with an on/off key switch, an operator protection screen, a foot pedal parking brake, dual-push handles at a comfortable height on the mast, and a spring-loaded steering handle with a comfort grip.

SEMI-ELECTRIC STACKER



Steel wire protection net



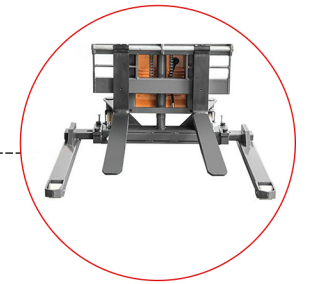
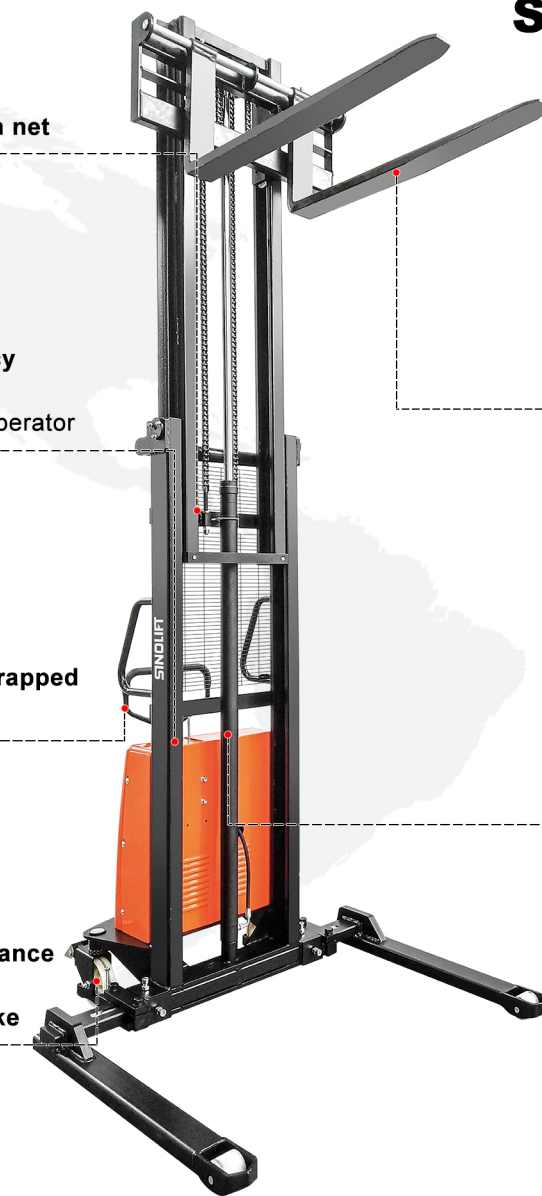
Emergency button Prevent Operator



Rubber wrapped handle



Wheel balance with foot pedal brake



Adjust according to application goals



External positioned charger



Reinforcing ribs are set between the internal and external masts to ensure that the mast will not tilt forward when the load is raised, and the vehicle stability is better.



Smart mast roller, adjusting eccentric bearing ensure near perfect mast verticality. Hard chrome plated piston. Adjustable lifting chain. Powerful lift motor 2.1 HP.



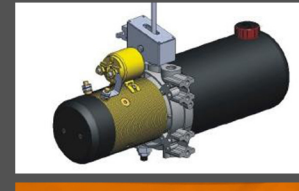
Products with electrical plugs are designed for use in the US. Outlets and voltage differ internationally and this product may require an adapter or converter for use in your destination.



The brake directly acts on the universal wheel, and the foot brake operation immediately plays the role of brake, immediately play the role of brake, brake light and fast



Hardened forged steel forks are made from high-quality steel that undergoes a forging process, which increases its strength and toughness.



The pallet straddle features a high-quality hydraulic power unit known for its swift response, stable operation, and extended service life.



Control panel: Fascia-mounted control panel with raise/lower buttons, emergency stop trigger, battery indicator and hour-meter.



Semi-electric stacking truck adopts imported pneumatic spring handle device, which is more convenient and reasonable to use.