

STEERX

DRIVE YOUR WORKFLOW

HEAVY DUTY
SEMI ELECTRIC STACKER



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Load Capacity: 1500kg

Easy Handling, Long-Lasting Quality

Reliable & cost-effective lifting solution

The Semi Electric Stacker is a reliable and cost-effective material handling equipment designed to lift and transport pallets with ease. Combining manual traction with electric-powered hydraulic lifting, this stacker offers the perfect balance of performance, affordability, and low maintenance.

Robust hydraulic structure for heavy-duty use

Built with a robust steel frame and a powerful hydraulic system, the semi electric pallet stacker can handle loads ranging from 1000 Kg to 1500 Kg, making it ideal for warehouses, factories, logistics hubs, and retail distribution centers. Its ergonomic design allows smooth operation, reducing operator fatigue and ensuring safety during loading, stacking, and unloading operations.

Budget-friendly with electric lift

Unlike a fully electric stacker, the semi electric hydraulic stacker provides a budget-friendly alternative while still offering the benefits of electric lifting power. Its compact design ensures easy maneuverability in narrow aisles and confined warehouse spaces.

Durable Mast

The semi electric stacker features a sturdy and reliable mast constructed from rolled U-profiles, ensuring long-lasting durability and stability during lifting operations. It is equipped with a hard chrome-plated piston for enhanced resistance to wear and corrosion, providing smooth and efficient performance. The adjustable lifting chain allows for precise control of load handling, while the powerful 1.5 kW lift motor delivers strong and consistent lifting power, making it ideal for various warehouse and material handling tasks.

Additional features

Secure and Precise Operation

The semi electric stacker offers precise lifting and lowering control through a user-friendly hand lever, ensuring safe and accurate load positioning. For security, it features a battery cut-off key switch that prevents unauthorized use, helping to protect both the equipment and the workplace.

Adjustable fork options

The semi electric stacker comes standard with adjustable bended forks, available in two sizes: 560×1150 mm or 680×1150 mm. These options provide flexibility to handle various pallet sizes and load requirements, making the stacker suitable for a wide range of material handling tasks.



Foot Protection

Keeping safety first in mind, additional protection for the foot protection on the steer rollers during daily operations.

Mechanical parking

This feature prevents movement when the stacker is stationary, adding an extra layer of safety during loading, unloading, or storage.



Powerful Battery with Easy Charging

The semi electric stacker features a maintenance-free 120AH battery (150AH optional) that delivers strong power for frequent lifting. Its external charger ensures easy and reliable battery recharging for uninterrupted operation.

Specifications

MODEL		SSEPS15-1600	SSEPS15-2500	SSEPS15-3500	
1	Capacity	Q kg	1500	1500	
2	Load center	C mm	450	450	
3	Lifting height	H mm	1600	2500	3500
4	Lowered height of fork	H3 mm	85	85	85
5	Fork length	L mm	1150	1150	1150
6	Fork size	mm	54*160	54*160	54*160
7	Fork width	E mm	320~540	320~540	320~540
8	Turning radius	Wa mm	1360	1360	1360
9	Mast extend height	H2 mm	2065	3035	4035
10	Mast lower height	H1 mm	2065	1830	2330
11	Overall width	B mm	950	950	950
12	Overall length	A mm	1840	1840	1840
13	Minimum ground clearance	H4 mm	30	30	30
14	Aisle width pallet (800x1200mm)	mm	2130	2130	2130
15	Aisle width pallet (1000x1200mm)	mm	2190	2190	2190
16	Lifting speed (unladen/laden)	m/s	0.15~0.08	0.15~0.08	0.15~0.08
17	Lowering speed (unladen/laden)	m/s	0.08~0.15	0.08~0.15	0.08~0.15
18	Lifting motor	V/kw	12/1.5	12/1.5	12/1.5
19	Battery capacity	V/Ah	12/120	12/120	12/120
20	Charger	V/A	12/15	12/15	12/15
21	Service weight	kg	380~480	380~480	380~480

