

STEERX

DRIVE YOUR WORKFLOW

WALKIE
FULL ELECTRIC STACKER



FULL STRADDLE ELECTRIC STACKER

Load Capacity: 1500kg

Precision speed adjustment - Up/Down

Smart control for smooth stacking

Enhanced comfort and efficiency with **STEERX** patented intelligent handle and control system an ideal solution to replace manual and semi-electric stackers for light-duty operations in narrow warehouse spaces. Designed for smooth and efficient pallet stacking, the system features proportional lowering for precise pallet placement and improved control over traditional fixed-speed mechanisms. The variable speed control, enabled by a proportional control knob, ensures smooth, stable, and energy-efficient lifting and lowering, enhancing safety and operational ease.



BEFORE



FIXED SPEED

NOW



VARIABLE SPEED



LIFT



LOWER

Accurate control

Precision lift and lower control

The adjustable speed control enables smooth lifting and lowering, reducing mechanical shock and vibration. This ensures delicate loads are gently positioned on racks or the floor, while also minimizing noise and vibration exposure for the operator.

Soft-stop lowering

Automatic lowering speed reduction with soft cushioning activates when the fork height reaches approximately 10 cm from the ground. This feature effectively protects cargo, minimizes noise, and reduces vibration.

Operational efficiency

The variable speed control provides precise responsiveness, allowing the lifting and lowering speeds to be adjusted based on real-time conditions. This enables the operator to perform tasks with ease and enhances overall work efficiency.

Energy saving

Unlike conventional fixed-speed lifting and lowering, variable speed allows the operator to adjust movement based on load and height, minimizing energy waste and enhancing energy efficiency.

Extended durability

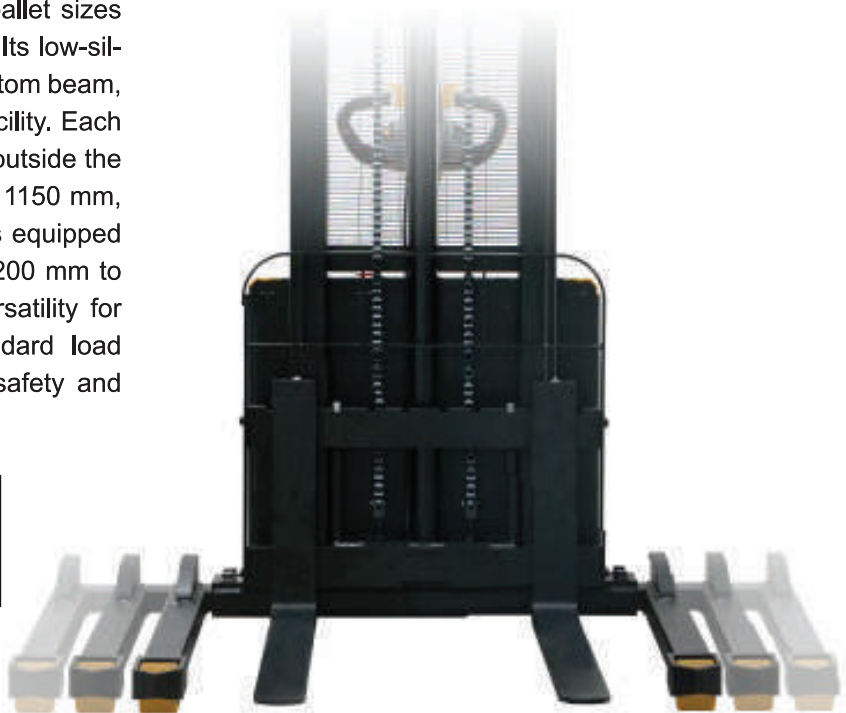
Variable speed control minimizes mechanical impact and friction during lifting and lowering, lessening wear on the chassis, mast, and bearings, thereby extending the equipment's lifespan.



Adjustment of support legs and forks

The straddle leg full electric stacker features an adjustable straddle leg design that accommodates various pallet sizes while enhancing overall stability during operation. Its low-silhouette straddle construction allows for a lower bottom beam, effectively maximizing storage space within the facility. Each support leg is secured with three screws per side outside the truck's body, making it easy to adjust the width to 1150 mm, 1290 mm, or 1430 mm as needed. The stacker is equipped with forged forks offering adjustable widths from 200 mm to 800 mm, providing exceptional durability and versatility for different load requirements. Additionally, a standard load backrest (LBR) is included to ensure improved safety and security during material handling operations.

ID(mm)	970	1110	1250
OD(mm)	1150	1290	1430

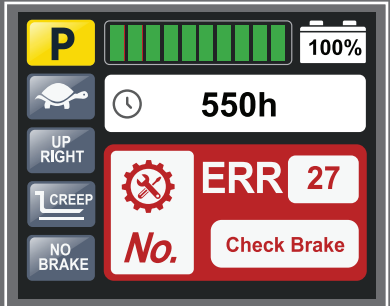
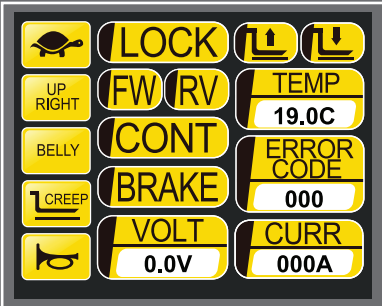


Multi-featured intelligent handle



UART Serial communication technology
Single wiring harness communication from tiller handle to controller system
Simple, Durable and Stable.

- ✓ Low after-sales service cost
- ✓ Quick & easy fault diagnosis
- ✓ Everyone can be an expert



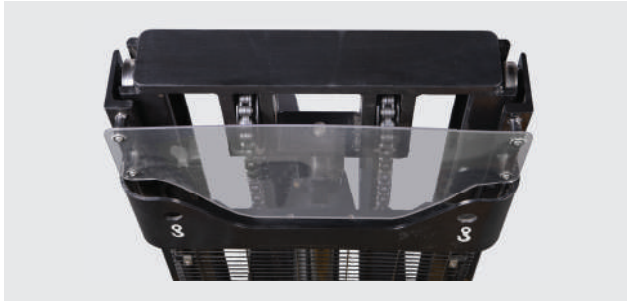
Rugged and durable

Longer service life

Mast: Constructed with standard C+H channel steel

Frame: Built with 5 mm thick steel plate

Base Plate: 30 mm integrated solid steel construction

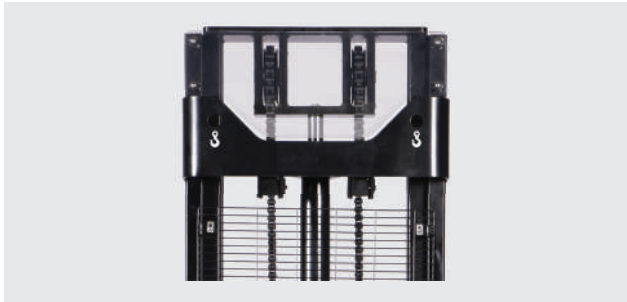


Double-chain design

Compared with single-chain design, it has higher strength, safer and more stable. More stable when lifting & lowering with loads.

Full coverage protection on mast

It can prevent accidents such as uncontrolled descent caused by unexpected rupture of oil pipes, ensuring stable descent of the load and personal safety, and preventing damage to equipment.



Built-in charger

Hidden charging plug, high safety, the whole vehicle is powered off during charging, reducing safety hazards.



Safety travel speed limit

When the fork is lifted to above 500mm, the driving speed automatically reduces to 2km/h to ensure the safety of operating at a high position in case of any misoperation.

Adjustable balance wheel

Improved stability and maneuverability, suitable for different working scenarios.



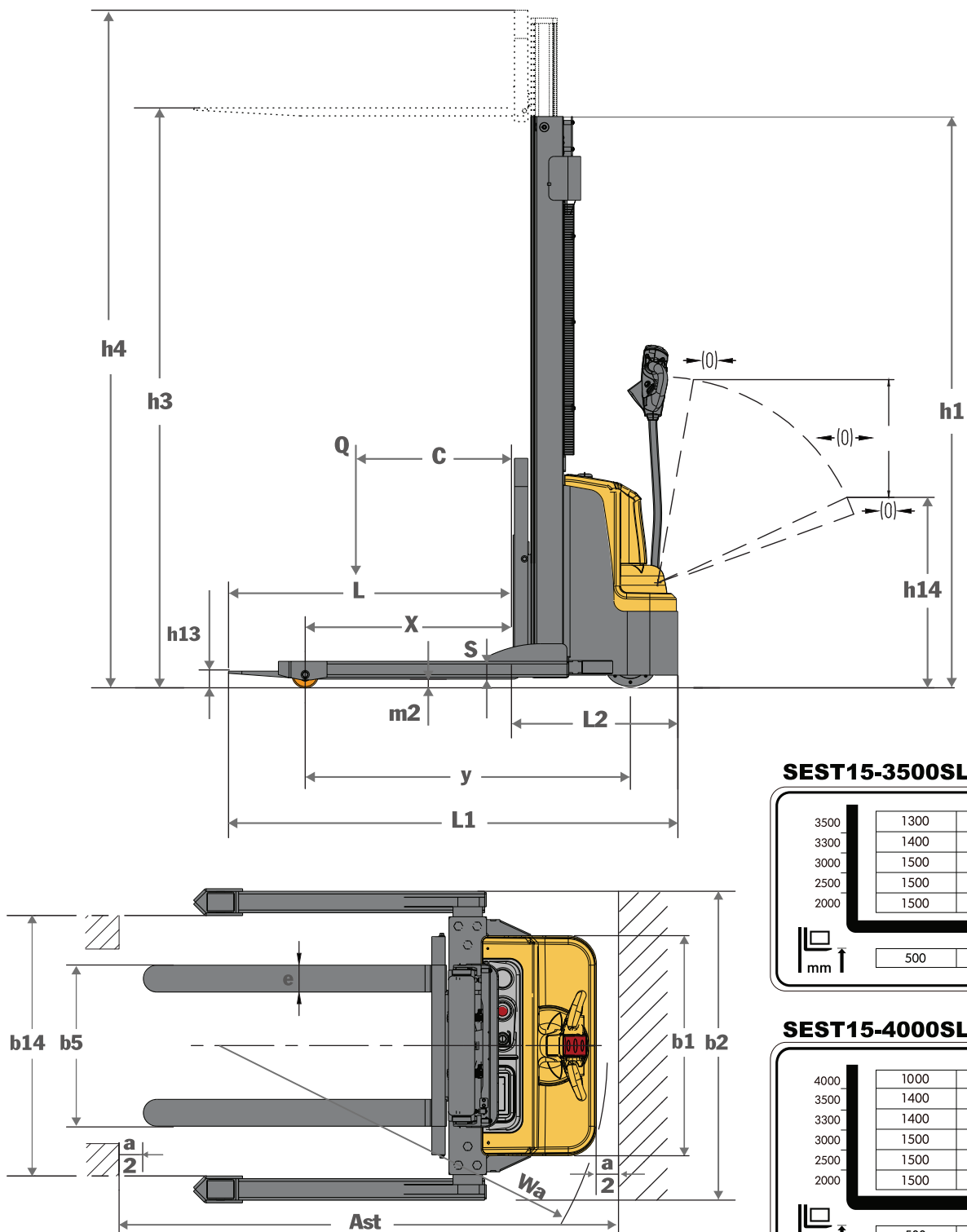
High-strength fork and support leg design

The straddle leg full electric stacker is engineered for strength and reliability, featuring forks crafted from high-strength 40 mm steel in a single-piece design. This robust construction provides exceptional durability and minimizes deformation under heavy loads. The stacker is equipped with solid steel support legs that offer superior rigidity, enhancing overall stability and safety during operation. Additionally, the consistent leg width design helps prevent hazards such as hooking onto pallets or racks while maneuvering, ensuring smoother and safer material handling.



Specifications

MODEL			SEST15-3500SL	SEST15-4000SL
1	Capacity	Q kg	1500	1500
2	Load centre distance	c mm	600	600
3	Load distance, centre of drive axle to fork	x mm	768	768
4	Wheelbase	y mm	1218	1218
5	Service weight	kg	749	785
6	Axle loading, laden front/rear	kg	645/1506	645/1506
7	Axle loading, unladen front/rear	kg	488/163	488/163
8	Wheels		PU	PU
9	Wheel size, front	Ø x width mm	210 x 70	210 x 70
10	Wheel size, rear	Ø x width mm	100 x 64	100 x 64
11	Tread, rear	b11 mm	1060/1200/1340	1060/1200/1340
12	Lowered mast height	h1 mm	2270	2590
13	Lift height	h3 mm	3500	4000
14	Extended mast height	h4 mm	4020	4840
15	Height of tiller in driving position, min./max.	h14 mm	910/1290	910/1290
16	Height, Lowered	h13 mm	60±2	60±2
17	Overall length	l1 mm	1698	1698
18	Length to face of forks	l2 mm	628	628
19	Overall width across chasis	b1 mm	820	820
20	Overall width across all/outer width straddle	b2 mm	1150/1290/1430	1150/1290/1430
21	Inner width straddle	b14 mm	970/1110/1250	970/1110/1250
22	Fork dimensions	s/e/l mm	40x100x1070	40x100x1070
23	Width over forks	b5 mm	200-800	200-800
24	Ground clearance, centre of wheelbase	m2 mm	40	40
25	Aisle width for pallet (1000 x 1200mm)	Ast mm	2290	2290
26	Aisle width for pallet (800 x 1200mm)	Ast mm	2217	2217
27	Turning radius	Wa mm	1455	1455
28	Travel speed, with/without load	km/h	4/4.5	4/4.5
29	Lift speed, with/without load	mm/s	0-187/0-101	0-187/0-101
30	Lowering speed, with/without load	mm/s	21.7-208/25.6-137	21.7-208/25.6-137
31	Max. gradeability, with/without load	mm/s	5/10	5/10
32	Drive motor rating S2 60min	kW	0.75	0.75
33	Battery voltage/nominal capacity(C5)	V/Ah	12/71 x 2	12/71 x 2
34	Energy consumption according to EN 16796	kWh	0.42	0.42
35	Type of drive control		DC speed control	DC speed control
36	Controller		STAXXP1201	STAXXP1201



STEERX

DRIVE YOUR WORKFLOW



Effortless



Durable



Cost Effective



Outstanding Quality