

# STEERX

DRIVE YOUR WORKFLOW

WALKIE  
FULL ELECTRIC STACKER



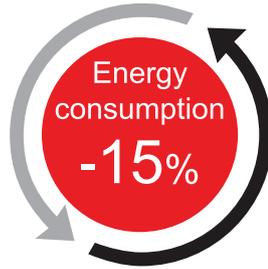
**FULL ELECTRIC STACKER**

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.



## Multi-featured intelligent handle

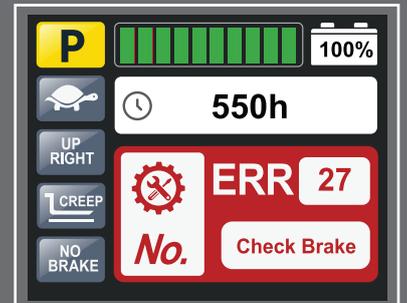
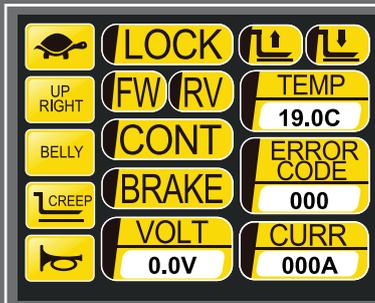


### UART

#### 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



## Operator Preferred



01

### Turtle Speed

Enable operator to choose different speed modes based on their experience and the specific work environment.



02

### Up-Right Drive

Easily maneuvered with the handle in the vertical position by pressing the turtle-speed button.



03

### Engineering Mode

When truck is down, release the brake to move the unit manually.

# 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.



## Emergency reverse switch

In case of an emergency, it protects the operator and the surrounding personnel from harm.



## High-strength forks

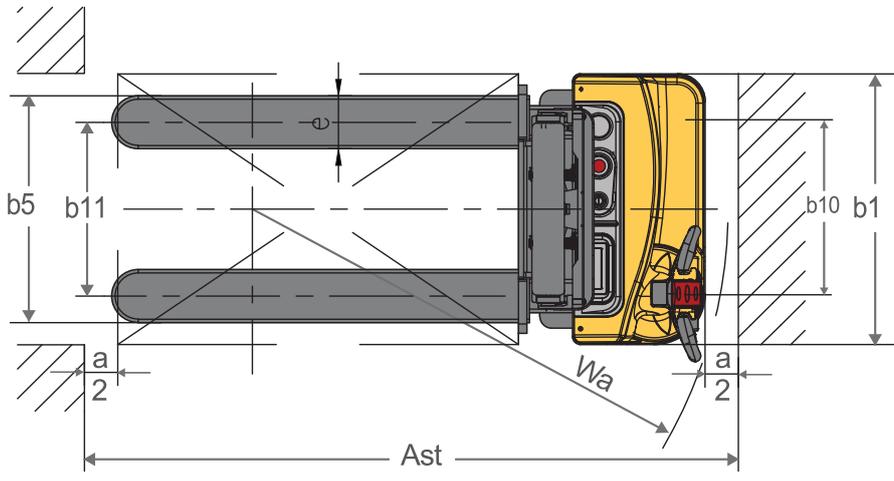
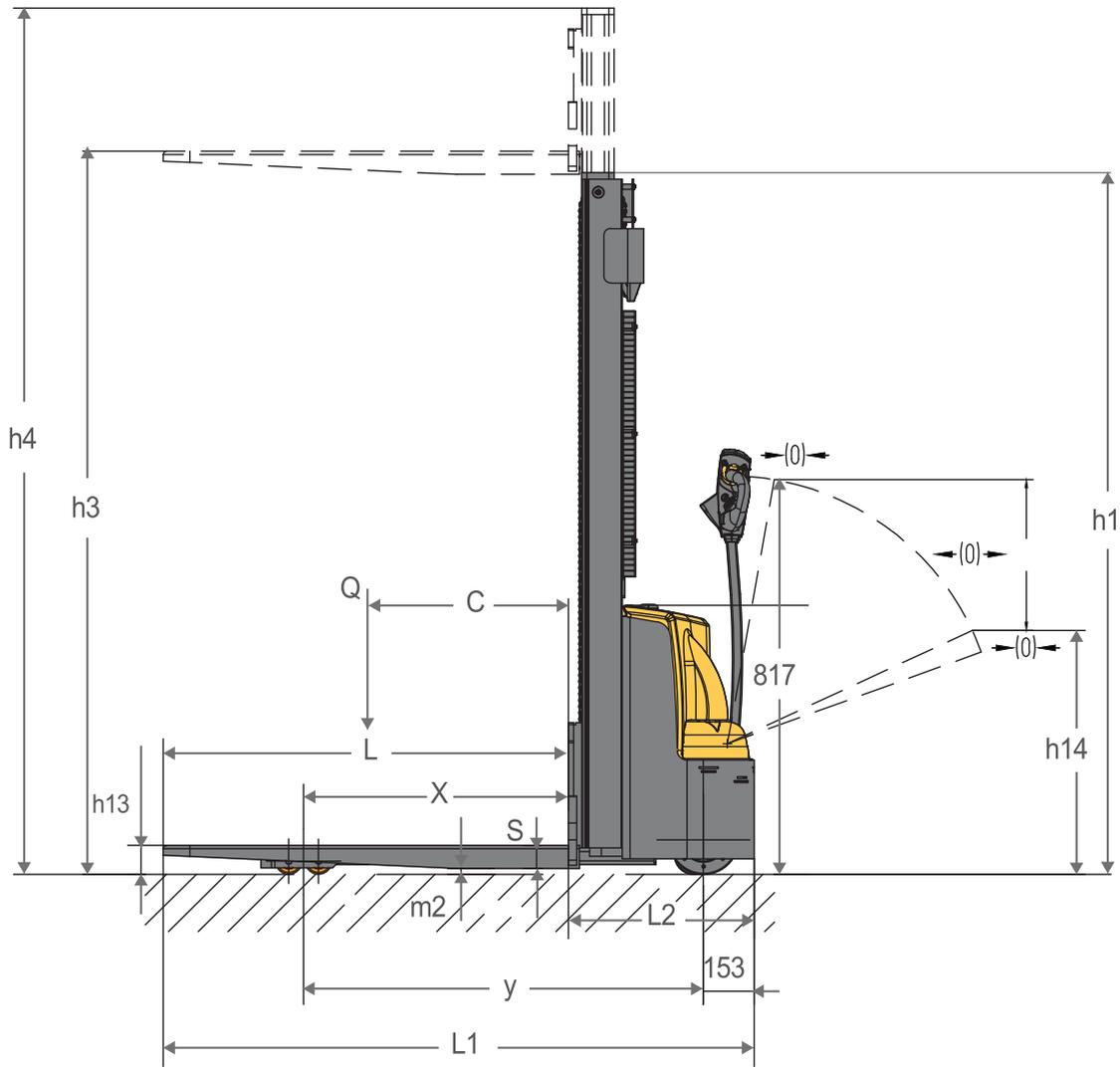
The forks are formed in one piece with a thickness of 8mm steel. High strength and small deformation even under heavy loads.

## Battery low voltage protection

Effectively avoid battery over-discharge, ensuring a longer battery life.

# Specifications

MODEL		SEST15-3500	
1	Capacity	Q kg	1500
2	Load centre distance	c mm	500
3	Load distance, centre of drive axle to fork	x mm	800
4	Wheelbase	y mm	1210
5	Service weight	kg	628
6	Axle loading, laden front/rear	kg	618/1441
7	Axle loading, unladen front/rear	kg	419/140
8	Wheels		PU
9	Wheel size, front	Ø x width mm	210 x 70
10	Wheel size, rear	Ø x width mm	80 x 70
11	Additional wheels	Ø x width mm	115 x 55
12	Tread, front	b10 mm	550
13	Tread, rear	b11 mm	390
14	Lowered mast height	h1 mm	2230
15	Lift height	h3 mm	3500
16	Extended mast height	h4 mm	3935
17	Height of tiller in driving position, min./max.	h14 mm	910/1270
18	Height, Lowered	h13 mm	90±2
19	Overall length	l1 mm	1730
20	Length to face of forks	l2 mm	560
21	Overall width	b1 mm	820
22	Fork dimensions	s/e/l mm	70x160x1150
23	Width over forks	b5 mm	560
24	Ground clearance, centre of wheelbase	m2 mm	30
25	Aisle width for pallet (1000 x 1200mm)	Ast mm	2268
26	Aisle width for pallet (800 x 1200mm)	Ast mm	2194
27	Turning radius	Wa mm	1425
28	Travel speed, with/without load	km/h	4/4.5
29	Lift speed, with/without load	mm/s	0-87/0-130
30	Lowering speed, with/without load	mm/s	27.8-137/22.5-167
31	Max. gradeability, with/without load	mm/s	5/10
32	Drive motor rating S2 60min	kW	0.75
33	Battery voltage/nominal capacity(C5)	V/Ah	12/71 x 2
34	Energy consumption according to EN 16796	kWh	0.45
35	Type of drive control		DC speed control
36	Controller		STAXXP1201



**LOAD CHART**

3500 3300 3000 2500 2000	800	600
	1000	800
	1200	1000
	1500	1200
	1500	1500
mm	500	600

kg

mm

**STEERX**  
DRIVE YOUR WORKFLOW



Effortless



Durable



Cost Effective



Outstanding Quality