

STEERX

DRIVE YOUR WORKFLOW

RIDER
FULL ELECTRIC STACKER



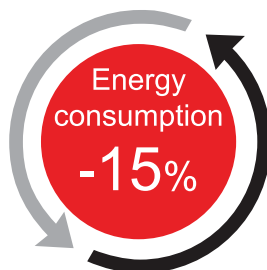
FULL ELECTRIC RIDER STACKER

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

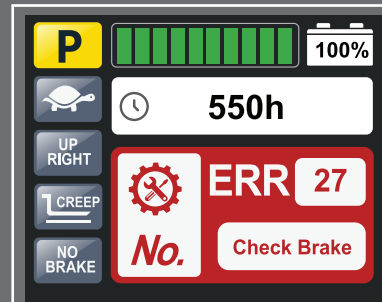
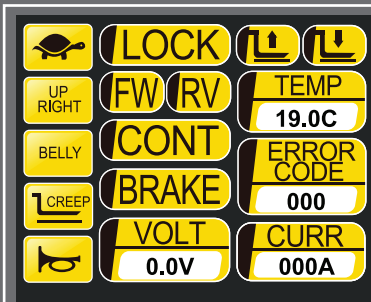


UART

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



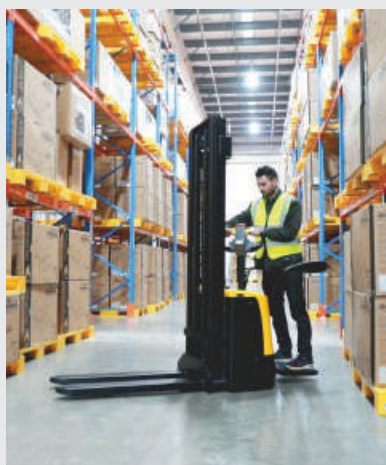
Operator Preferred



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

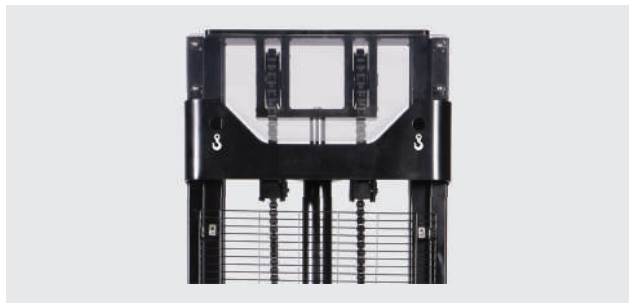


Double-chain design

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.



High-strength forks

16mm flat iron on both sides of fork. High strength and small deformation even under heavy loads.



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.

Solid support legs

Increased chassis durability higher remaining load capacity at same lifting height.



Emergency reverse switch

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



Drive unit temperature control

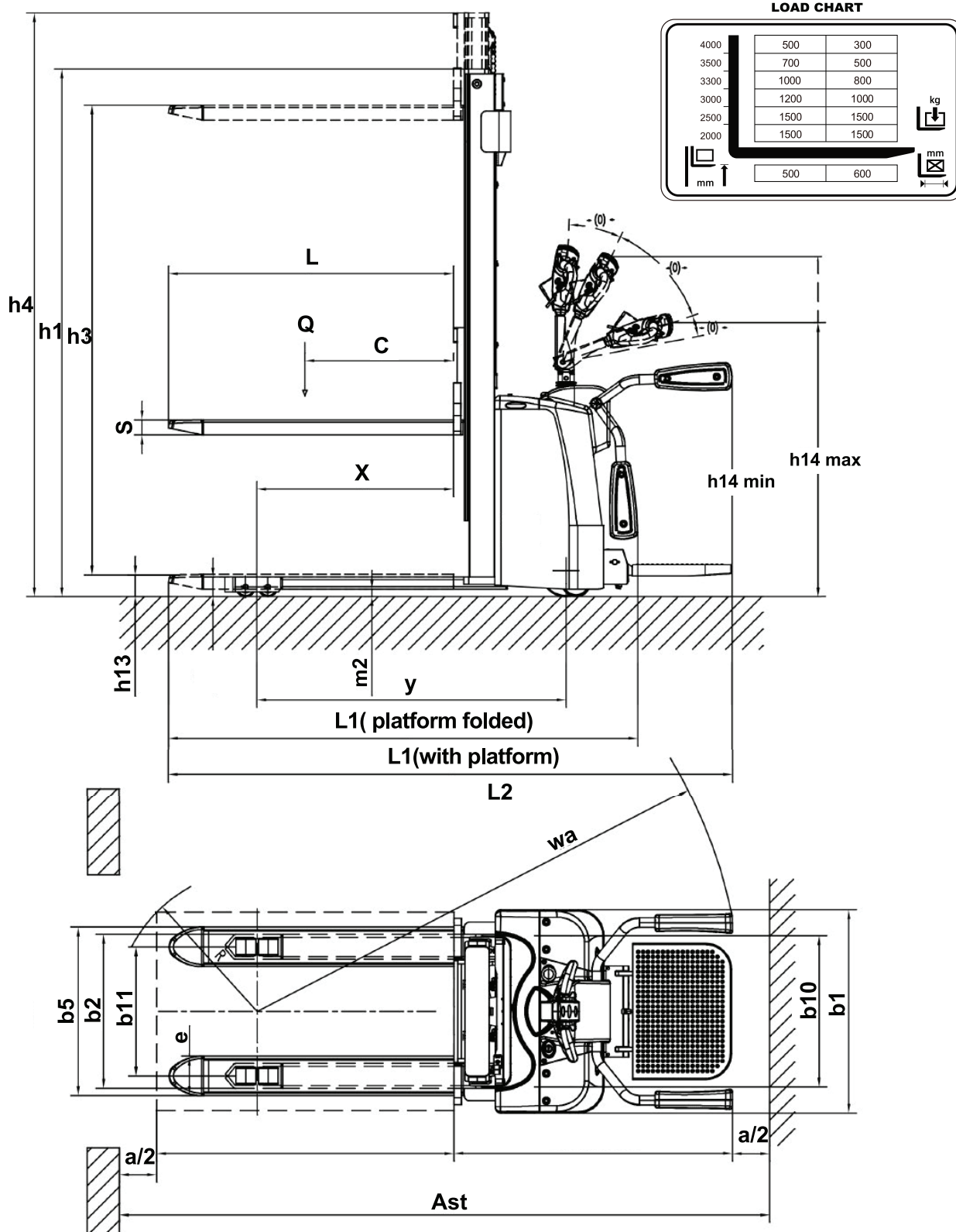
Travel motor with temperature control, protects motor with smart overheating alerts.

Battery low voltage protection

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

Specifications

MODEL			SRST15-3500	SRST15-4000
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	796	796
4	Wheelbase	y mm	1250	1250
5	Service weight	kg	860	888
6	Axle loading, laden front/rear (2.5m lifting height)	kg	671.6/1565	679.6/1585
7	Axle loading, unladen front/rear (2.5m lifting height)	kg	550/186.6	571/193.6
8	Wheels		PU	PU
9	Wheel size, front	Ø x mm	210 x 70	210 x 70
10	Wheel size, rear	Ø x mm	80 x 70	80 x 70
11	Additional wheels	Ø x mm	115 x 55	115 x 55
12	Tread, front	b10 mm	610	610
13	Tread, rear	b11 mm	400	400
14	Lowered mast height	h1 mm	2230	2480
15	Lift height	h3 mm	3500	4000
16	Extended mast height	h4 mm	3935	4435
17	Height of tiller in driving position, min./max.	h14 mm	990/1225	990/1225
18	Height, Lowered	h13 mm	85	85
19	Overall length (platform folded/platform unfold)	l1 mm	1894/2275	1894/2275
20	Length to face of forks	l2 mm	705	705
21	Overall width	b1 mm	820	820
22	Fork dimensions	s/e/l mm	70x160x1150	70x160x1150
23	Width over forks	b5 mm	560	560
24	Ground clearance, centre of wheelbase	m2 mm	20/16	20/16
25	Aisle width for pallet 1000 x 1200mm (platform folded/platform unfold)	Ast mm	2320/2643	2320/2643
26	Aisle width for pallet 800 x 1200mm (platform folded/platform unfold)	Ast mm	2246/2569	2246/2569
27	Turning radius (platform folded/platform unfold)	Wa mm	1575/1956	1575/1956
28	Travel speed, with/without load	km/h	4/4.5	4/4.5
29	Lift speed, with/without load	mm/s	0-101/0-185	0-101/0-185
30	Lowering speed, with/without load	mm/s	25.6-137/21.7-220	25.6-137/21.7-220
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	24/210	24/210
34	Service brake		Electromagnetic	Electromagnetic
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