

SUMACHAY PLUS SERIES

SST15+

Electric Pallet Stacker

Full-electric walkie stacker with variable-speed proportional lift and lowering, a diagnostic tiller and 18-month Sumachay Plus warranty.

1,500 kg

3,300 lb rated capacity

3,500 mm

138" max lift height

24 V

Lithium LiFePO4 battery

18 months

Sumachay Plus warranty



CAPACITY & LIFT

Rated capacity	1,500 kg	3,300 lb
Load centre	600 mm	24"
Max lift height	3,500 mm	138"
Mast height, lowered / extended	2,270 / 4,020 mm	89" / 158"
Lowered fork height	70 mm	2.8"

DIMENSIONS

Overall length (with forks)	1,698 mm	67"
Length to fork face	628 mm	25"
Chassis width	820 mm	32.3"
Straddle legs, outer width	1,150 / 1,290 / 1,430 mm	45.3–56.3"
Straddle legs, inner width	970 / 1,110 / 1,250 mm	38.2–49.2"
Forks (t x w x l)	40 x 100 x 1,070 mm	1.6x3.9x42"
Width over forks	200–795 mm, adjustable	7.9–31.3"
Wheelbase / turning radius	1,218 / 1,455 mm	48" / 57"
Aisle width, 1000x1200 / 800x1200 pallet	2,290 / 2,217 mm	90" / 87"
Ground clearance	40 mm	1.6"
Service weight (incl. battery)	approx. 720–727 kg	≈ 1,600 lb

CAPACITY AT HEIGHT

Lift height	@ 500 mm LC	@ 600 mm LC
3,500 mm 138"	1,300 kg 2,865 lb	1,050 kg 2,315 lb
3,300 mm 130"	1,400 kg 3,085 lb	1,150 kg 2,535 lb
up to 3,000 mm 118"	1,500 kg 3,300 lb	1,500 kg 3,300 lb

Per the unit's load-chart plate. Load centre 500 mm / 600 mm.

PERFORMANCE

Travel speed, loaded / unloaded	4.0 / 4.5 km/h
Lift speed, loaded / unloaded	101 / 185 mm/s
Lowering speed, loaded / unloaded	137 / 208 mm/s
Gradeability, loaded / unloaded	5% / 10%
Noise level	< 75 dB(A)

POWER & CHASSIS

Drive motor	0.75 kW DC (S2 60 min)
Lift motor	2.5 kW (S3 15%)
Drive control	DC variable speed control
Battery	24 V lithium (LiFePO4)
Charger input	110–240 V, 50/60 Hz
Service brake	Electromagnetic
Wheels (drive / load)	Polyurethane, Ø210 x 70 / Ø100 x 64 mm

KEY FEATURES

- Variable-speed proportional lifting and lowering for precise pallet placement
- Lowering buffer: automatic soft slow-down as forks approach the floor
- Tiller display with fault codes, battery level and recharge alert
- Emergency reverse switch and electromagnetic brake
- Travel speed automatically limited with forks raised above 500 mm
- Hose-rupture valve on the lift cylinder prevents uncontrolled descent
- Adjustable straddle legs (3 widths) and adjustable forks
- Lithium battery with low-voltage protection — no watering or acid checks

Request a quote

Freight is quoted to your delivery location. Talk to our team about configuration and lead time.
sumachay.com/products/sst15-plus-electric-pallet-stacker

Request a quote →