

PSE12N SL

“EDGE”



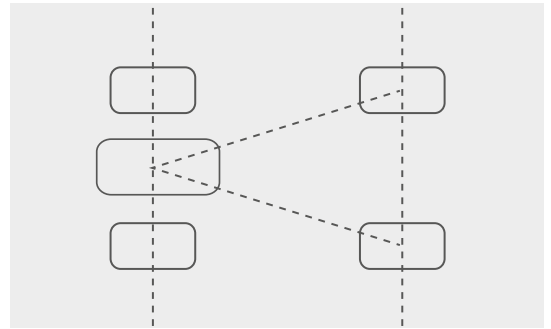
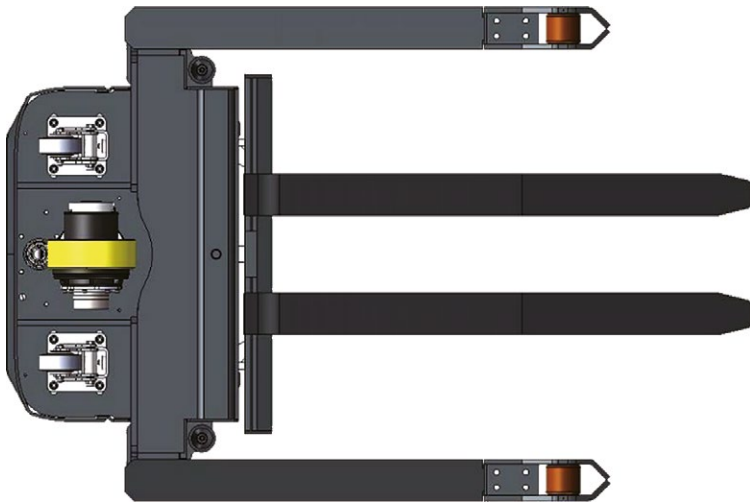
Electric walkie stacker with lithium battery and straddle legs 1200 kg maximum load capacity

FEATURES

- Perfect for light duty applications
- Great maneuverability
- Compact and lightweight
- Fast Li-ion battery charging
- 25 Ah built-in charger
- Robust and proven design



Three points of contact for better traction and greater safety



Easy maintenance

Quick and easy access to any component. All elements are within easy reach. No special tools are needed.

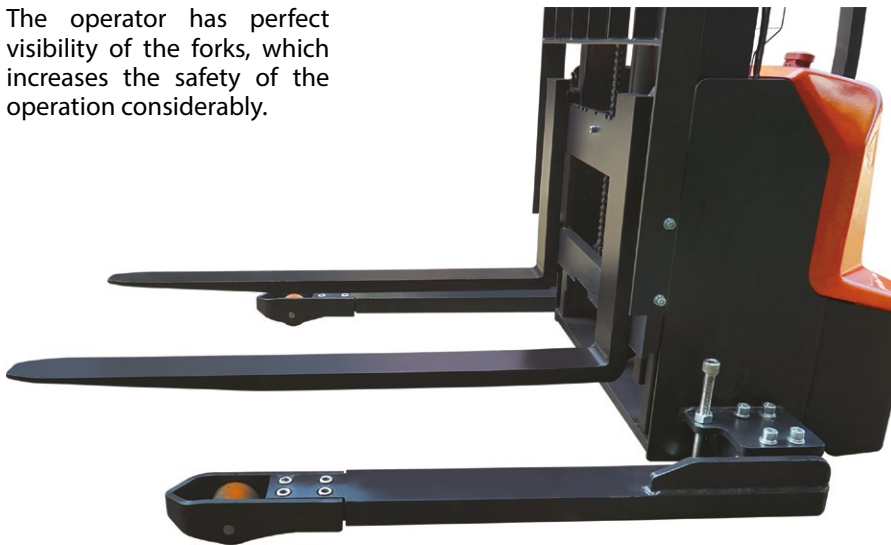


Stability

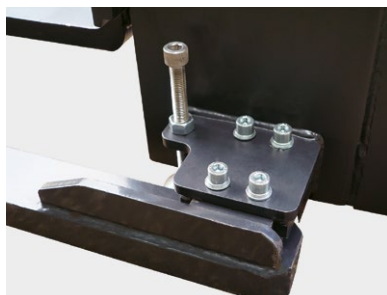
- The drive wheel is located in the middle for better traction and stability of the stacker.
- The stabilizing casters, situated on each side, are mounted on shock absorbers to ensure better lateral stability.
- The straddle legs are equipped with single rollers

Robustness and perfect visibility

The operator has perfect visibility of the forks, which increases the safety of the operation considerably.



Straddle legs and forks adjustment

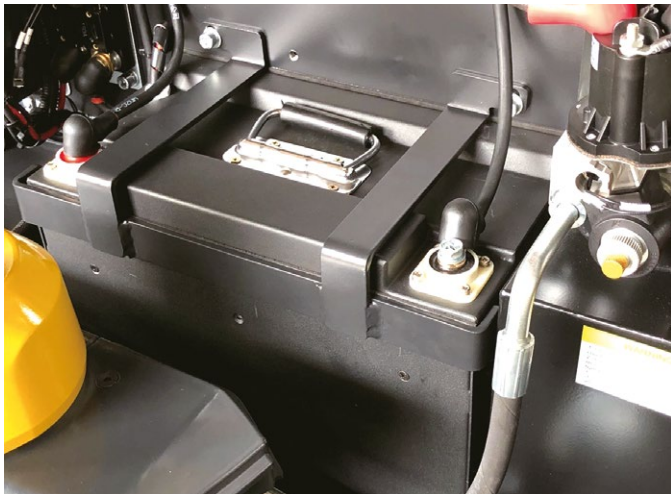


The straddle legs are attached by four screws located on each side of the stacker's frame to adjust the straddle legs' width easily.

The stacker can have a total width of 1181 / 1281 / 1381 / 1481 mm.

The straddle legs are made of forged steel for increased strength and durability. The spacing between the forks adjusts from 252 to 800 mm.

A load backrest comes standard.



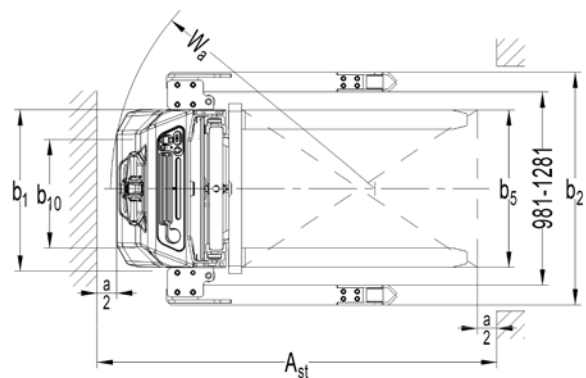
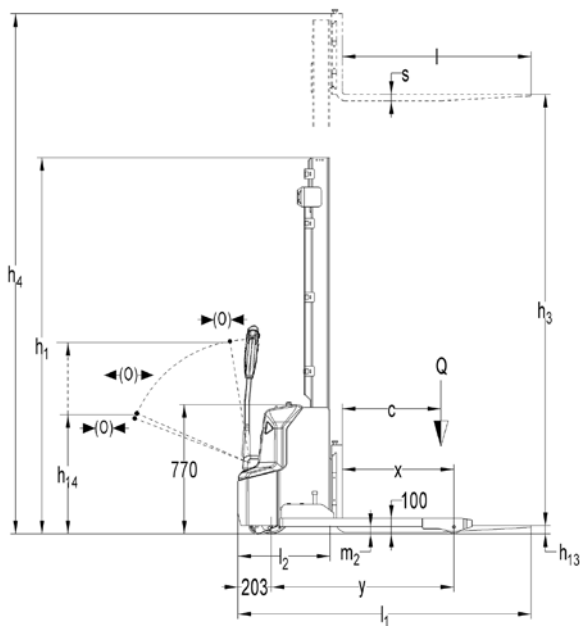
PSE12N SL

Equipped with a 24V 60Ah lithium LifePO4 battery with BMS.

PSE12N SL is equipped with a 25 Ah charger. The standard charging time is 2,5 hours. The battery is rechargeable.



PSE12N SL stacker is equipped with a maintenance-free 24 V / 60 Ah LifePO4 Li-ion battery. The fast-charge Li-ion battery has a large number of charge / discharge cycles. A 25 Ah charger is included.



Stockman Reference	Mast	Mast lowered height $h1$ (mm)	Free lift $h2$ (mm)	Standard lift $h3$ (mm)	Mast raised height $h4$ (mm)	Weight (kg)
PSE12N SL						
PSE12N1600SL	Single	1940	1514	1514	2100	720
PSE12N2900SL	Duplex	1940	-	2814	3400	795
PSE12N3200SL		2090	-	3114	3700	805
PSE12N3600SL		2290	-	3514	4100	825

Technical data according to VDI 2198 regulation				
Specifications	1.2	Product Reference ♦ Model		PSE12N SL
	1.3	Power supply		battery
	1.4	Operator type		pedestrian
	1.5	Load Capacity	Q(t)	1,2
	1.6	Load center distance	c(mm)	600
	1.8	Distance from carriage to caster axle	x(mm)	674
	1.9	Wheelbase	y(mm)	1111
Weight	2.1	Weight (batteries included)	kg	see table opposite
	2.2	Axle load laden front/rear	kg	730/1300
	2.3	Axle load unladen front/rear	kg	620/210
Wheels	3.1	Wheels		polyurethane (PU)
	3.2	Steering wheel dimensions	Øxw(mm)	Ø210x70
	3.3	Load rollers dimensions	Øxw(mm)	Ø84x93
	3.4	Stabilizing rollers dimensions	Øxw(mm)	Ø100x40
	3.5	Number of front/rear wheels (x = driving wheel)		1x+2/2
	3.6	Front axle wheelbase	b10(mm)	520
Dimensions	4.2	Mast lowered height	h1(mm)	see table opposite
	4.3	Free lift	h2(mm)	see table opposite
	4.4	Standard lift	h3(mm)	see table opposite
	4.5	Mast raised height	h4(mm)	see table opposite
	4.9	Tiller height in drive position min/max	h14(mm)	710/1150
	4.15	Fork lowered height	h13(mm)	50
	4.19	Overall length	l1(mm)	1790
	4.20	Front axle to fork face length	l2(mm)	640
	4.21	Overall width	b1(mm)	800 (1181 - 1281 - 1381 - 1481)
	4.22	Fork dimensions	s/e/l(mm)	40/100/1150
	4.25	Width across forks	b5(mm)	252/800
	4.32	Ground clearance	m2(mm)	40
	4.33	Aisle width for 1000x1200 mm pallets crossways	Ast(mm)	2228
	4.34	Aisle width for 800x1200 mm pallets lengthways	Ast(mm)	2206
4.35	Turning radius	Wa(mm)	1345	
Performances	5.1	Travel speed, laden/unladen	km/h	4,2/4,5
	5.2	Lift speed, laden/unladen	mm/s	110/160
	5.3	Lowering speed, laden/unladen	mm/s	130/110
	5.8	Gradeability lladen/unladen	%	4/10
	5.10	Service brake		electromagnetic
Electrical system	6.1	Drive motor rating S2 60 min	kW	0,65
	6.2	Lift motor rating at S3 15%	kW	2,2
	6.3	Battery acc. to DIN 43531 / 35 / 36 A, B, C, No		no
	6.4	Battery voltage, nominal capacity K5	V/Ah	24/60 Li-ion
	6.5	Battery weight	kg	19
	6.6	Energy consumption acc. to VDI cycle	kWh/h	0,6
Additional data	8.1	Type of drive control		DC
	8.4	Noise level at driver's ear acc. to EN12053	dB(A)	<70

RESIDUAL CAPACITY

SX ♦ Single

DX ♦ Duplex

TX ♦ Triplex

SL ♦ Straddle legs

FFL ♦ Full free lift

LI ♦ Initial lift

LP ♦ Proportional lift

DA ♦ Electrical power steering

SC ♦ Built-in weighing scale

CP ♦ Pin code

PSE12N SL ♦ pp. 108 TO 111

PSE12N1600SL
 PSE12N2900SL
 PSE12N3200SL
 PSE12N3600SL



PSE12N1600SL

h3 (mm)	Q (kg)	
	1600	1200

cdg (mm)	600	700	
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PSE12N2900SL

h3 (mm)	Q (kg)	
	2900	1200

cdg (mm)	600	700	
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PSE12N3200SL

h3 (mm)	Q (kg)	
	3200	1200

cdg (mm)	600	700	
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PSE12N3600SL

h3 (mm)	Q (kg)	
	3600	1000
3300	1200	1000

cdg (mm)	600	700	
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