PSE12NM LI NC

"EDGE"

Electric lithium beam mast stacker with automatic leveling 1200 kg

INTRODUCTION

The PSE12NMLINC "EDGE" electric stacker model is now available with automatic leveling. It is the perfect combination of the compactness of a manual stacker and the efficiency of an electric stacker. All powered by a lithium-ion battery.

// ADVANTAGES

- Excellent visibility thanks to its beam mast
- 120mm initial lift as standard
- Standard automatic leveling box
- Compact and lightweight
- Fast-charging lithium battery
- Built-in 25 Ah charger
- Robust and proven design
- **No CACES certification required for PSE12NM800LINC and PSE12NM1195LINC models**

/1

Photos and technical specifications are not binding. The manufacturer reserves the right to make changes without prior notice.

ERGONOMIC AND SMART TILLER

FRON
T
panel

Turtle switch

PIN code activation

Battery discharge indicator

Hour meter / Diagnostic code

Rear panel

Button
Anti-crush

Forward/revers
e butterfly valve

Up and down switches

RFID access card

The RFID card provides faster access to the equipment and is ideal for applications where a stacker must be used by different operators.

A highly maneuverable stacker

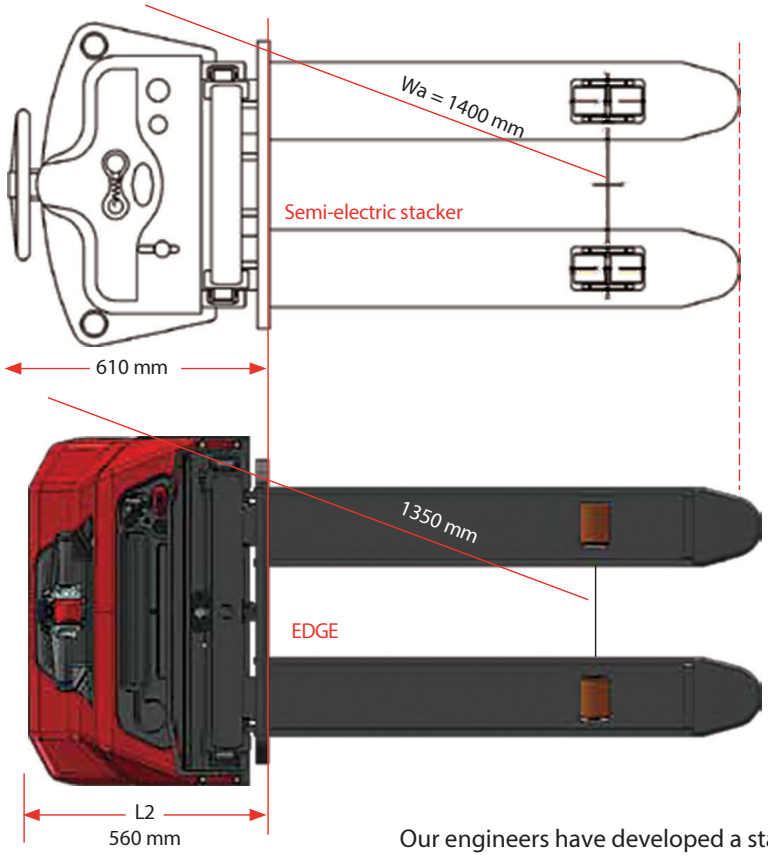
The drawbar is equipped with a standard gas cylinder. To increase operating comfort and safety in trucks, the PSE12N is equipped with an automatic speed reduction function when cornering.

Vertical tiller

The function of driving with the tiller in the vertical position facilitates work in confined areas without compromising safety.

ROBUST CHASSIS WITH INNOVATIVE DESIGN

Robust and compact are the words that best describe the chassis of the new EDGE. Everything has been designed to increase the robustness of the equipment.



Our engineers have developed a stacker that is much more compact than the manual and semi-electric products traditionally used in trucks, without sacrificing stability, robustness, safety, and operating comfort.

Steel hood

The main hood is made of 1.5 mm thick steel.

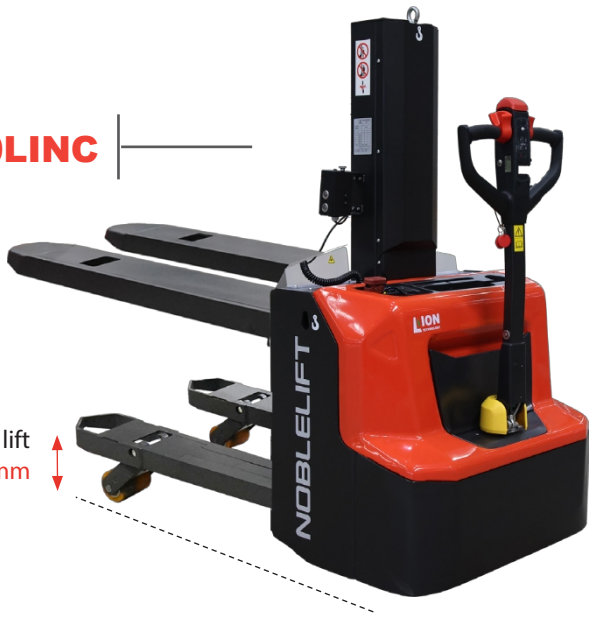
Drawbar

The drawbar's robustness is due to the fact that it is made of 70% fiberglass.

Model	Maximum slope with load	Maximum slope without load
PSE12NMLINC	5	10

Photos and technical specifications are not binding. The manufacturer reserves the right to make changes without prior notice.

PSE12NM800LINC



PSE12NM1195LINC

PSE12NM1600LINC

Stockman reference	Mast	Lowered mast height *h1 (mm)*	Free lift *h2 (mm)*	Standard lift *h3 (mm)*	Height of deployed mast *h4 (mm)*	Weight *(kg)*
PSE12NMLINC						
PSE12NM800LINC	**Simplex**	1240	714	714	1240	551
PSE12NM1195LINC		1480	1104	1104	1480	580
PSE12NM1600LINC		2007	1514	1514	2007	591

Photos and technical specifications are not binding. The manufacturer reserves the right to make changes without prior notice.

Technical specifications according to VDI 2198 standard						
Characteristics	1.2	**Reference - Model**		**PSE12NM 800LINC**	**PSE12NM 1195LINC**	**PSE12NM 1600LINC**
	1.3	**Propulsion mode**		Electric		
	1.4	**Type of driving**		accompanying		
	1.5	**Nominal capacity**	*Q (t)*	1.2	1.2	1.2
	1.6	**Center of gravity**	*c (mm)*	600	600	600
	1.8	**Distance from apron to roller axis**	*x (mm)*	760	760	760
	1.9	**Wheelbase**	*y (mm)*	1147	1147	1147
Weight	2.1	**Weight with battery**	*kg*	551	580	591
	2.2	**Axle load with front/rear load**	*kg*	490 / 1210	490 / 1210	490 / 1210
	2.3	**Axle load without front/rear load**	*kg*	355 / 145	355 / 145	355 / 145
Wheels Chassis	3.1	**Wheels**		Polyurethane (PU)		
	3.2	**Drive wheel dimensions**	*Ø x w (mm)*	Ø 210 x 75	Ø 210 x 75	Ø 210 x 75
	3.3	**Front roller dimensions**	*Ø x w (mm)*	Ø 84 x 93	Ø 84 x 93	Ø 84 x 93
	3.4	**Stabilizer wheel dimensions**	*Ø x w (mm)*	Ø 100 x 50	Ø 100 x 50	Ø 100 x 50
	3.5	**Number of front/rear wheels (x = drive wheel)**		1 x + 1 / 2	1 x + 1 / 2	1 x + 1 / 2
	3.6	**Center distance between side members**	*b10 (mm)*	550	550	550
	3.7	**Rear wheelbase**	*b11 (mm)*	400	400	400
Dimensions	4.2	**Height with mast lowered**	*h1 (mm)*	1240	1480	2007
	4.3	**Free lift**	*h2 (mm)*	714	1104	1514
	4.4	**Standard lift**	*h3 (mm)*	714	1104	1514
	4.5	**Height with mast extended**	*h4 (mm)*	1240	1480	2007
	4.6	**Initial lift**	*h5 (mm)*	120	120	120
	4.9	**Tiller height in minimum/maximum running position**	*h14 (mm)*	710 / 1150	710 / 1150	710 / 1150
	4.15	**Minimum fork height**	*h13 (mm)*	86	86	86
	4.19	**Overall length**	*l1 (mm)*	1710	1710	1710
	4.20	**Length without forks**	*l2 (mm)*	560	560	560
	4.21	**Overall width**	*b1 (mm)*	800	800	800
	4.22	**Fork dimensions**	*s / e / l (inches)*	60 / 180 / 1150	60 / 180 / 1150	60 / 180 / 1150
	4.25	**Outer width of forks**	*b5 (mm)*	570	570	570
	4.32	**Ground clearance**	*m2 (mm)*	24	24	24
	4.33	**Aisle width with 1000 x 1200 mm pallet transverse**	*Ast (mm)*	2197	2197	2197
	4.34	**Aisle width with 800 x 1200 mm pallet lengthwise**	*Ast (mm)*	2145	2145	2145
	4.35	**Turning radius**	*Wa(mm)*	1350	1350	1350
Performance	5.1	**Travel speed with/without load**	*km/h*	4.2 / 4.5	4.2 / 4.5	4.2 / 4.5
	5.2	**Lifting speed with/without load**	*mm/s*	110 / 140	110 / 140	110 / 140
	5.3	**Lowering speed with/without load**	*mm/s*	110 / 130	110 / 130	110 / 130
	5.8	**Permissible slope with/without load**	*%*	5 / 10	5 / 10	5 / 10
	5.10	**Service brake**		Electromagnetic		
Electrical system	6.1	**Traction motor, S2 power 60 min**	*kW*	0.65	0.65	0.65
	6.2	**Lifting motor, S3 power 7.5%**	*kW*	2.2	2.2	2.2
	6.3	**Batteries according to DIN 43531 / 35 / 36 A, B, C, No**		No	No	No
	6.4	**Battery voltage / nominal capacity K5**	*V / Ah*	24 / 60 Li-ion	24 / 60 Li-ion	24 / 60 Li-ion
	6.5	**Battery weight**	*kg*	17	17	17
	6.6	**Energy consumption according to VDI cycle**	*kWh/h*	0.8	0.8	0.8
Miscellaneous	8.1	**Transmission type**		DC	DC	DC
	8.4	**Noise level at driver's ear according to EN 12053**	*dB (A)*	< 70	< 70	< 70