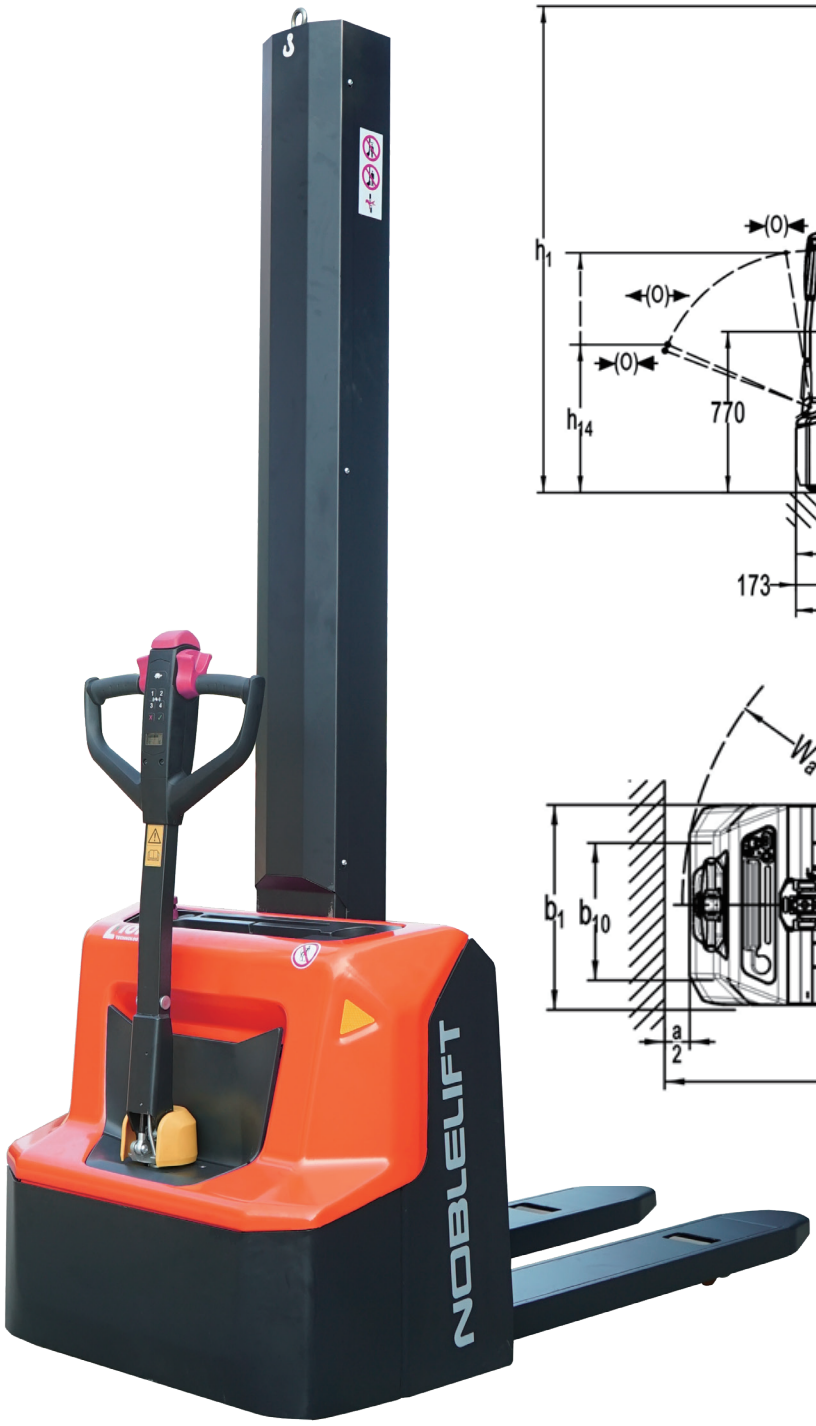
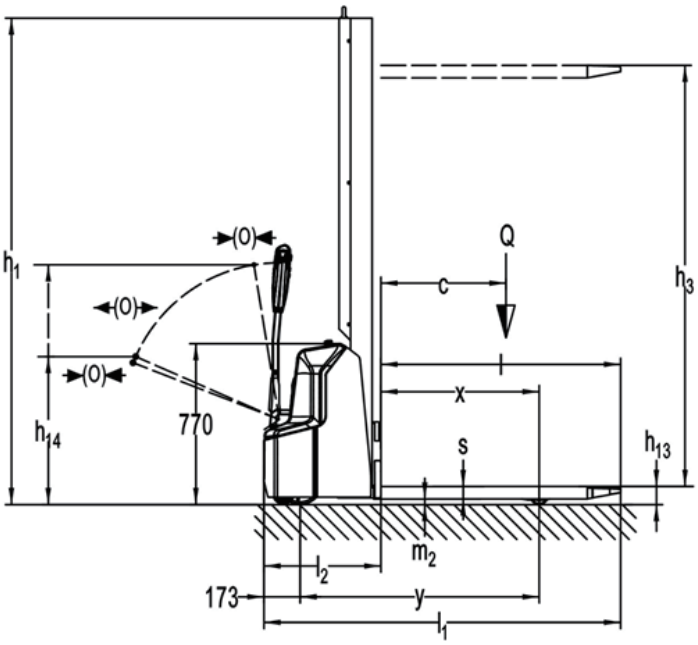
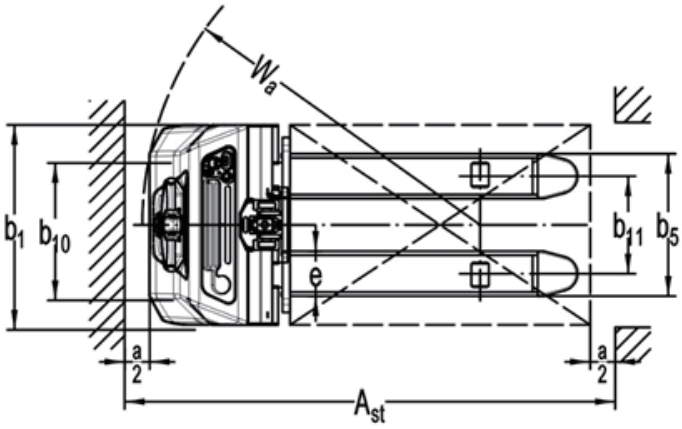
PSE12BM/NM EDGE Stacker-Mono-Mast

Mast table PSE 12BM/PSE 12NM

Designation	Lowered mast height h1 (mm)	Free lift height h2 (mm)	Lift height h3 (mm)	Extended mast height h4 (mm)	Lift+fork height h3+h13 (mm)
one stage mast	1210	714	714	1210	800
	1930	1514	1514	1930	1600
	2330	1914	1914	2330	2000







Type sheet for industrial truck acc. to VDI 2198

Identification				
1.2	Manufacturer`s type designation		PSE12BM	PSE12NM
			2000	
1.3	Drive		Battery	
1.4	Operator type		Pedestrian	
1.5	Load Capacity / rated load	Q (t)	1.2	
1.6	Load centre distance	c (mm)	600	
1.8	Load distance ,centre of drive axle to fork	x (mm)	760	
1.9	Wheelbase	y (mm)	1147	
Weights				
2.1	Service weight	kg	530	500
2.2	Axle loading, laden front/rear	kg	500 / 1230	490 / 1210
2.3	Axle loading, unladen front/rear	kg	375 / 155	355/ 145
Wheels、Chassis				
3.1	Tires		Polyurethane	
3.2	Tire size,front	Øx w (mm)	Ø210×75	
3.3	Tire size,rear	Øx w (mm)	Ø84×93	
3.4	Additional wheels(dimensions)	Øx w (mm)	Ø100×50	
3.5	Wheels,number front/rear(x=driven wheels)		1x + 1 / 2	
3.6	Tread, front	b10 (mm)	550	
3.7	Tread, rear	b11 (mm)	400	
Basic Dimemsions				
4.2	Lowered mast height	h1(mm)	2330[1)]	
4.3	Free Lift height	h2(mm)	1914	
4.4	Lift	h3(mm)	1914	
4.9	Height of tiller in drive position min./ max.	h14 (mm)	710 /1150	
4.15	Height, lowered	h13 (mm)	90	
4.19	Overall length	l1 (mm)	1710	
4.20	Length to face of forks	l2 (mm)	560	
4.21	Overall width	b1 (mm)	800	
4.22	Fork dimensions	s/e/l (mm)	60 / 180 / 1150	
4.25	Width across forks	b5 (mm)	570	
4.32	Ground clearance, centre of wheelbase	m2 (mm)	24	
4.33	Aisle width for pallets1000X1200 crossways	Ast (mm)	2197	
4.34	Aisle width for pallets800X1200 lengthways	Ast (mm)	2145	
4.35	Turning radius	Wa (mm)	1350	
Performance Data				
5.1	Travel speed, laden/ unladen	km/h	4.2/ 4.5	
5.2	Lift speed, laden/ unladen	m/s	0.11 / 0.14	
5.3	Lowering speed, laden/ unladen	m/s	0.13 / 0.11	
5.8	Max. gradeability, laden/ unladen	%	5 / 10	
5.10	Service brake		Electromagnetic	
E-Motor				
6.1	Drive motor rating S2 60min	kW	0.65	
6.2	Lift motor rating at S3 10%	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	2x12/85[2)]	24 / 60
6.5	Battery weight	kg	2x27[3)]	17
6.6	Energy consumption acc. to VDI cycle	kWh/h	0.6	
Other Details				
8.1	Type of drive control		DC	
8.4	Sound level at driver`s ear acc. to EN 12053	dB(A)	<70	

1) Including the ring screw：+55mm. 2) Option：2x12V/106Ah. 3) 2x12V/106Ah: 2x34kg.

Smart and Ergnomic Tillers

Standard For PSE12B and PSE12N

RFID Card Access is optional for PSE12B and standard for PSE12N

RFID card provides faster access to equipment and ideal for applications when one truck needs to be used by different operators

*PSE12BSL/NSL、PSE12BM/NM and PSE12B/N have the same tiller as standard,PSE12N、PSE12ND、PSE12NS、PSENM have the RFID card as standard.

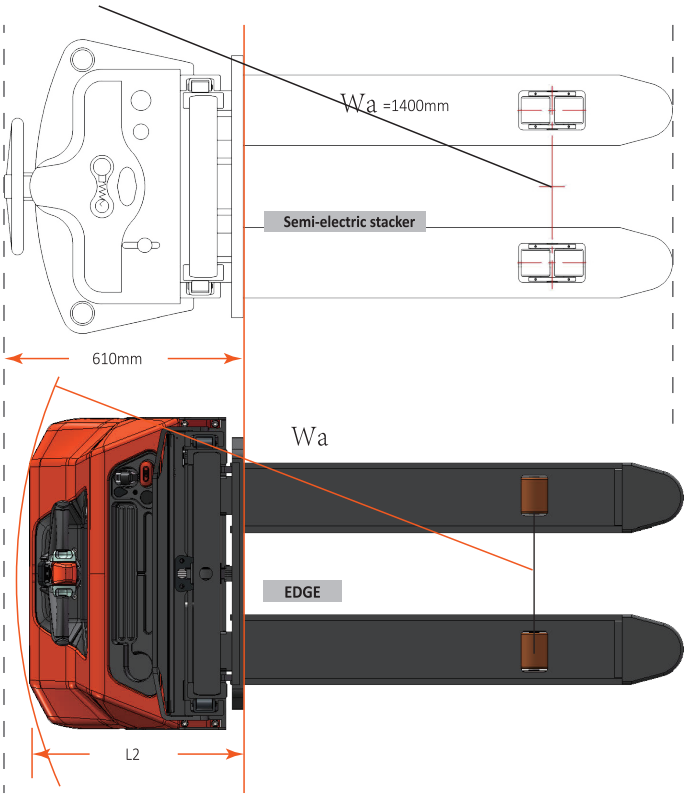
Vertical Driving in Confined Space

The function of driving with tiller in the **vertical position** helps with work in confined area without sacrificing of safety.

The tiller bar is supported by the air spring which helps to return the tiller to its vertical position without strike in the end point.

For increase of operation comfort and safety the trucks are equipped with speed reduction function in turns.

Smart Design with Compact Size and Perfect observation



Model	length(L2)	Turning Radius
PSE12B/N	560mm	1300mm
PSE12BD/ND	602mm	1395/1312mm
PSE12BSL/NSL	640mm	1345mm
PSE12BM/NM	560mm	1350mm

Our engineers put a lot of efforts to achieve compactness of the trucks in comparison with traditionally used manual and semi-electric products without sacrificing of stability, robustness, safety and operation comfort.

Gradeability Performance

Model	PSE12B/N/BD/ND/BM/NM	PSE12BSL/NSL
Max.grade ability laden	5%	4%
Max.grade ability unladen	10%	10%

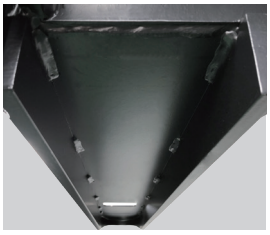
Robustness

Steel cover

The main cover is made out of steel with thickness 2.0mm.

Capacity of 1200kg with high residual value at maximum height (load center distance 600 mm)

Real mast profiles are used for long life-time, no cheap bended solutions used. All directed to maintain performance of the truck during its life-cycle.



Welded forks are used to ensure robustness.

Tiller is made out of PA6 30% of glass fiber material, having high strength.

Wide mast provides perfect observation of forks, the field of view is clear and not interrupted by mast sections, cylinder or chains.

The operator can always clearly see the forks which significantly increases safety of operation.