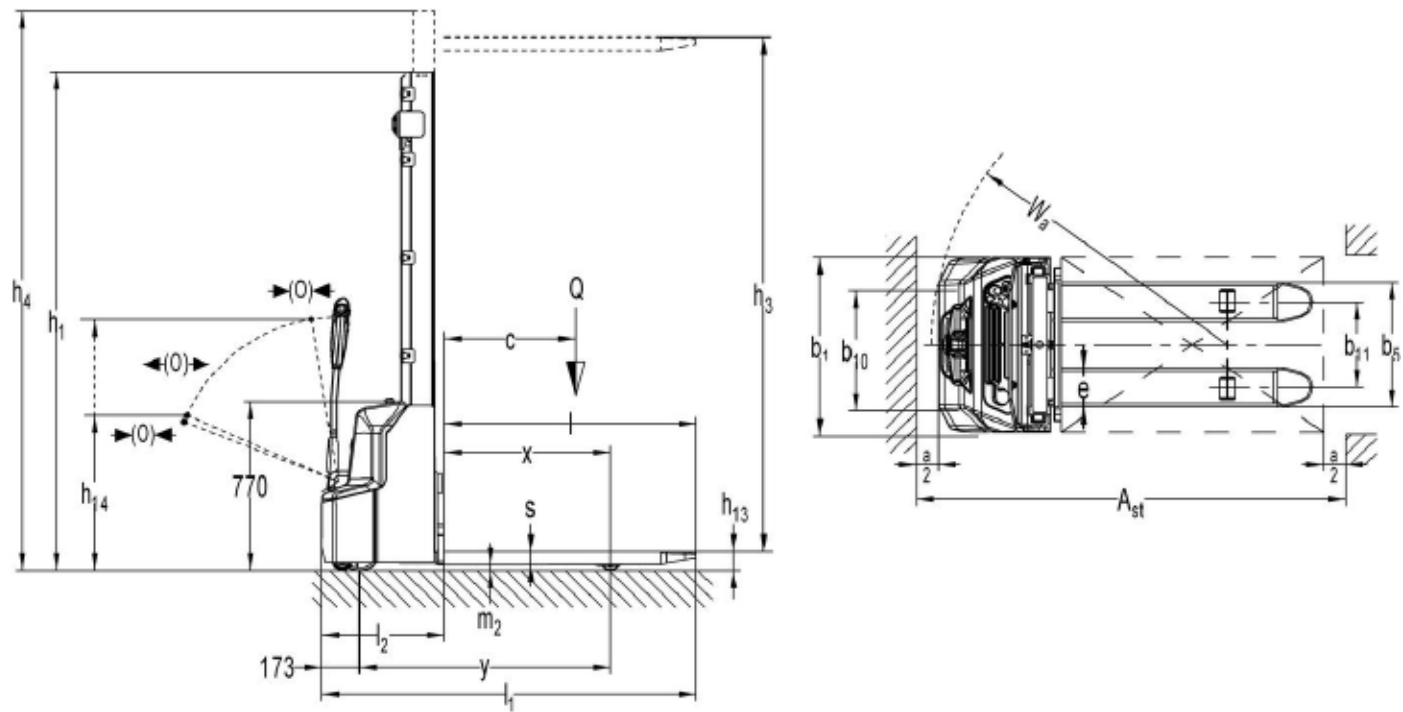




Mast table PSE 12B/PSE 12N

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)
Single-stage mast	1930	1514	1514	1930	1600
	2330	1914	1914	2330	2000
Two-stage mast	1930	-	2814	3337	2900
	2080	-	3114	3637	3200
	2280	-	3514	4037	3600

Type sheet for industrial truck acc. to VDI 2198				
Distinguishing mark				
1.2	Manufacturer's type designation		PS E12B	PS E12N
1.3	Power (battery ,diesel, petrol, gas, manual)		3600	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	
Weight				
2.1	Service weight	kg	620	585
2.2	Axle loading, laden front/rear	kg	580 / 1240	560 / 1225
2.3	Axle loading, unladen front/rear	kg	450 / 170	440 / 145
Tyres, chassis				
3.1	Tires			Polyurethane
3.2	Tire size,front	x w (mm)	Φ 210×70	
3.3	Tire size,rear	x w (mm)	Φ 84×93	
3.4	Additional wheels(dimensions)	x w (mm)	Φ 100×50	
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 / 515	
Dimensions				
4.2	Lowered mast height	h1 (mm)	2280	
4.3	Free Lift height	h2 (mm)	—	
4.4	Lift height	h3 (mm)	3514	
4.5	Extended mast height	h4 (mm)	4037	
4.9	Height of tiller in drive position min./ max.	h14 (mm)	710 /1150	
4.15	Height, lowered	h13 (mm)	86	
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	Distance between fork-arms	b5 (mm)	570 /685	
4.32	Ground clearance, centre of wheelbase	m2 (mm)	26	
4.33	Aisle width for pallets 1000X1200 crossways	Ast (mm)	2197	
4.34	Aisle width for pallets 800X1200 lengthways	Ast (mm)	2145	
4.35	Turning radius	Wa (mm)	1350	
Performance Data				
5.1	Travel speed, laden/ unladen	km/h	4.5/ 4.7	
5.2	Lift speed, laden/ unladen	m/s	0.12 / 0.19	
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	
Electric- engine				
6.1	Drive motor rating S2 60min	kW	0.65	
6.2	Lift motor rating at S3 4.5%	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 ¹⁾	24/60
6.5	Battery weight +/-5%	kg	2x27 ²⁾	19
6.6	Energy consumption acc: to VDI cycle	kWh/h	0.8	
Additional data				
8.1	Type of drive control		DC	
8.4	Sound level at driver's ear acc. to EN 12053	dB(A)	<70	

1) Option: 2x12V/106Ah

2) 2x12V/106Ah : 2 x 34

