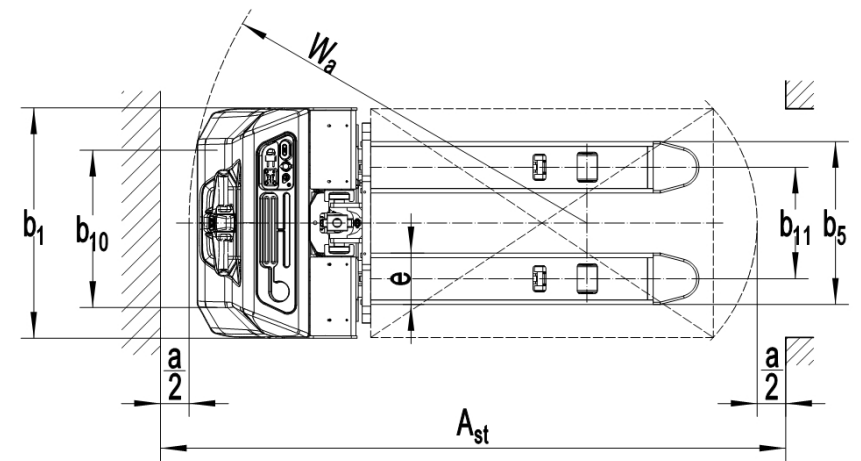
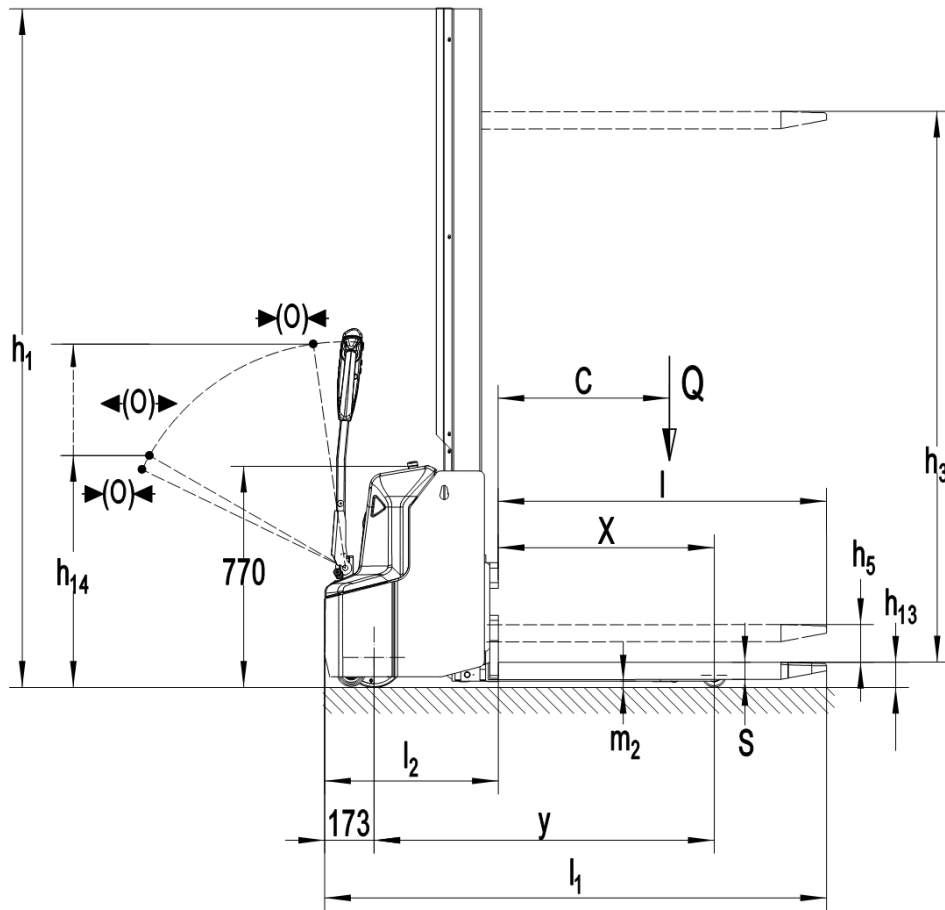


# NOBLELIFT

## PSE12BMD/PSE12NMD



# NOBLELIFT

Type sheet for industrial truck acc. to VDI 2198					
General data	1.2	Manufacturer`s type designation		PSL (PS E12BMD)	PSL (PS E12NMD)
				2000	
	1.3	Power (battery ,diesel, petrol, gas, manual)		Battery	
	1.4	Operator type		Pedestrian	
	1.5	Load Capacity / rated load	Q (t)	1.2 <sup>1)</sup>	
		Load Capacity / rated load (mast lift)		1.2	
		Load Capacity / rated load (support arm lift)		1.2	
	1.6	Load centre distance	c (mm)	600	
1.8	Load distance ,centre of drive axle to fork	x (mm)	756/673 <sup>2)</sup>		
1.9	Wheelbase	y (mm)	1192/1109 <sup>2)</sup>		
Weight	2.1	Service weight	kg	645	610
	2.2	Axle loading, laden front/rear	kg	575/1230	560/1210
	2.3	Axle loading, unladen front/rear	kg	455/1220	430/1210
Tires, chassis	3.1	Tires		Polyurethane (PU)	
	3.2	Tire size, front	∅ x w (mm)	Φ210 x 75	
	3.3	Tire size, rear	∅ x w (mm)	Φ84 x 93	
	3.4	Additional wheels(dimensions)	∅ x w (mm)	Φ100 x 50	
	3.5	Wheels, number front/rear(x=driven wheels)		1x + 1 / 2	
	3.6	Track, front	b <sub>10</sub> (mm)	550	
	3.7	Track, rear	b <sub>11</sub> (mm)	390	
Dimensions	4.2	Lowered mast height	h <sub>1</sub> (mm)	2375	
	4.3	Free Lift height	h <sub>2</sub> (mm)	1912	
	4.4	Lift height	h <sub>3</sub> (mm)	1912	
	4.6	Extended mast height	h <sub>5</sub> (mm)	120	

# NOBLELIFT

	4.9	Height of tiller in drive position min./ max.	$h_{14}$ (mm)	710 / 1150	
	4.15	Height, lowered	$h_{13}$ (mm)	88	
	4.19	Overall length	$l_1$ (mm)	1760	
	4.20	Length to face of forks	$l_2$ (mm)	608	
	4.21	Overall width	$b_1$ (mm)	800	
	4.22	Fork dimensions	s/e/l (mm)	60 / 180 / 1150	
	4.25	Width across forks	$b_5$ (mm)	570	
	4.32	Ground clearance, centre of wheelbase	$m_2$ (mm)	22	
	4.33	Aisle width for pallets 1000X1200 crossways	$A_{st}$ (mm)	2245 / 2195 <sup>2)</sup>	
	4.34	Aisle width for pallets 800X1200 lengthways	$A_{st}$ (mm)	2192 / 2175 <sup>2)</sup>	
	4.35	Turning radius	$W_a$ (mm)	1393 / 1330 <sup>2)</sup>	
<b>Performance</b>	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	
<b>Electric</b>	6.1	Drive motor rating S2 60min	kw	0.65	
	6.2	Lift motor rating at S3 7.5%	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	2 x 12 / 85 <sup>3)</sup>	24 / 60
	6.5	Battery weight	kg	2 x 27 <sup>4)</sup>	17
	6.6	Energy consumption acc: to VDI cycle	kWh/h	0.66	
<b>Other</b>	8.1	Type of drive control		DC	
	8.4	Sound level at driver's ear acc. to EN 12053	dB(A)	<70	

# NOBLELIFT

- 1) When operate the fork and pallet at the same time: Load Capacity / rated load (mast lift) < Load Capacity / rated load (support arm lift)
- 2) Load section lowered / Load section raised
- 3) Option: 2x12V/106Ah
- 4) 2x12V/106Ah : 2 x 34kg

Type	Lowered mast height h1(mm)	Free Lift height h2(mm)	Lift height h3(mm)	Lift+fork height h3+h13(mm)
<b>PSE12BMD/PSE12NMD</b>				
<b>Mast</b>	1240	712	712	800
	1970	1512	1512	1600
	2370	1912	1912	2000