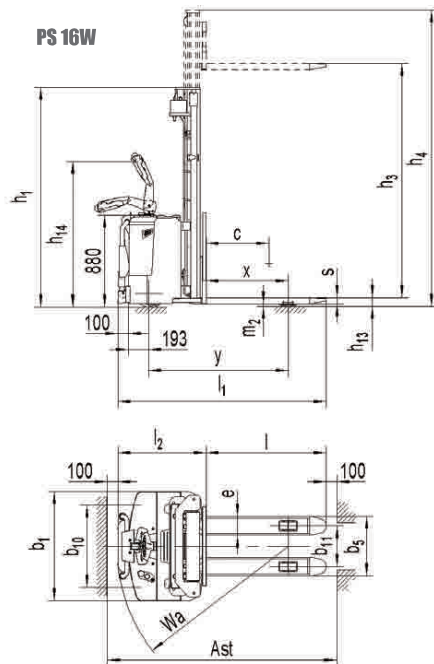
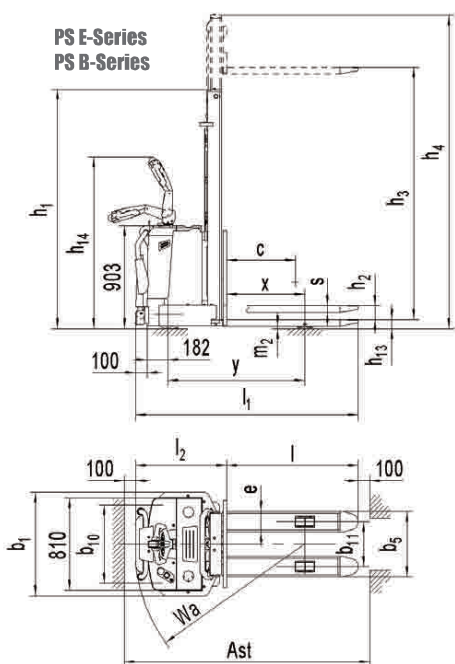


Mast table PS B12 / PS E12 / PS B15

Designation	Lowered mast height h1 (mm)	Free lift height h2 (mm)	Lift height h3 (mm)	Lift+fork height h3+h13 (mm)	Extended mast height h4 (mm)
PS B12					
One -stage mast	1976	1519	1519	1600	1976
Two-stage mast	1796	120	2519	2600	2996
	1946	120	2819	2900	3296
	2096	120	3119	3200	3596
	2296	120	3519	3600	3996
Two-stage mast FFL (Full-Free-Lift)	1946	1484	2819	2900	3281
	2096	1634	3119	3200	3581
PS E12					
One -stage mast	1976	1519	1519	1600	1976
Two-stage mast	1796	120	2519	2600	2996
	1946	120	2819	2900	3296
Two-stage mast FFL (Full-Free-Lift)	1946	1484	2418	2900	3281
PS B15					
Two-stage mast	1946	150	2900	2900	3281
Two-stage mast FFL (Full-Free-Lift)	1946	1484	2900	2900	3281
Three-stage mast	1726	—	3400	3400	1939
Three-stage mast FFL (Full-Free-Lift)	1726	1120	3400	3400	3925



Type sheet for industrial truck acc. to VDI 2198 1KG=2.2LB 1INCH=25.4MM

Distinguishing mark	1.2	Manufacturer's type designation		PS E12 ¹⁾	PS B12	PS B15	PS 16W
	1.3	Power (battery ,diesel, petrol gas,manual)		Battery			Battery
	1.4	Operator type		Pedestrian	Pedestrian(stand)	Pedestrian(stand)	
	1.5	Load Capacity / rated load	Q(t)	1.2		1.5	1.6
	1.6	Load centre distance	c(mm)	600		600	
	1.8	Load distance ,centre of drive axle to fork	x(mm)	684		784	
	1.9	Wheelbase	Y(mm)	1196		1235	1336
Weight	2.1	Service weight	kg	765	960	1035	1450
	2.2	Axle loading, laden front/rear	kg	685/1290	830/1330	880/1655	1400/1650
	2.3	Axle loading, unladen front/rear	kg	585/180	730/230	780/255	1130/320
Tyres, chassis	3.1	Tires		Polyurethane (PU)			Polyurethane (PU)
	3.2	Tire size, front	Ø x w (mm)	Ø 252 × 88			Ø 252 × 88
	3.3	Tire size, rear	Ø x w (mm)	Ø 80 × 70			Ø 80 × 70
	3.4	Additional wheels(dimensions)	Ø x w (mm)	Ø 150× 54			Ø 150× 54
	3.5	Wheels, number front/rear(x=driven wheels)		1x2/ 4			1x2/ 4
	3.6	Tread, front	b10mm	686			790
	3.7	Tread, rear	b11 (mm)	390/ 505			390/ 505
Dimensions	4.2	Lowered mast height	h1 (mm)	1946	2096	1946	2102
	4.3	Free Lift height	h2 (mm)	120		150	-
	4.4	Lift	h3 (mm)	2819 ²⁾	3119 ³⁾	2819 ⁴⁾	4515
	4.5	Extended mast height	h4 (mm)	3296	3596	3281	5112
	4.9	Height of tiller in drive position min./ max.	h14mm	985/ 1420			961/ 1396
	4.15	Height, lowered	h13mm	81			85
	4.19	Overall length	l1(mm)	1846	1846 / 1946	1853/1983	1895/1995
	4.20	Length to face of forks	l2(mm)	695	695/795	733/833	746/846
	4.21	Overall width	b1(mm)	810			1050
	4.22	Fork dimensions	s/ e/ l(mm)	60/180/1150			60/180/1150
	4.25	Distance between fork- arms	b5 (mm)	570/685			570/ 685
	4.32	Ground clearance, centre of wheelbase	m2(mm)	26		21	25
	4.33	Aisle width for pallets 1000X1200 crossways	As1 (mm)	2320	2320/2420	2360/2460	2400/2500
4.34	Aisle width for pallets 800X1200 lengthways	As1 (mm)	2215	2215/2315	2250/2350	2350/2450	
4.35	Turning radius	Wa (mm)	1400	1400/1500		1550/1650	
Performance data	5.1	Travel speed, laden/ unladen	km/h	6.0/ 6.0			6.0 / 6.0
	5.2	Lift speed, laden/ unladen	m/s	0.105/0.15			0.10/0.16
	5.3	Lowering speed, laden/ unladen	m/s	0.13/0.11			0.095/0.12
	5.8	Max. gradeability, laden/ unladen	%	6 / 12			6 / 12
	5.1	Service brake		Electromagnetic			Electromagnetic
Electric- Motor	6.1	Drive motor rating S2 60min	kW	1.3			1.3
	6.2	Lift motor rating at S3 15%	kW	2.2		3.0	3.0
	6.3	Battery acc. to DIN43 531/36/36 A,B,C,no		No,not DIN		No,cells 3PZS	No,cells 4PZS
	6.4	Battery voltage, nominal capacity K51)	V/Ah	2×12/ 90		24 / 210	24 / 280
	6.5	Battery weight	kg	65		200	250
	6.6	Energy consumption acc. to VDI cycle	kWh/h	1.4		2.5	2.5
Additional data	8.1	Type of drive control		AC- Speed Control			AC- Speed Control
	8.4	sound level at driver's ear acc. to EN 12053	dB(A)	< 70			< 70

1) No platform available, no EPS available 2) Optional 1519mm,2519mm 3) Optional 1519mm, 2519mm, 2819mm, 3519mm 4) Optional 2819mm,3319mm with full free lift(FFL)