

PS 15 / PS 15SL

The Electric Walkie Pallet Truck



**PS 15
Narrow type**

INTRODUCTION

The PS15-Series ensures with high performance through AC drive technology in intensive stacking operations with capacities up to 3300lbs(1500kg) with 2- and 3-stage masts.

The optional available foldable platform is the best choice if the truck is used in larger warehouse with longer travelling distances.

ADVANTAGES

- High capacity of 3300lbs(1500kg).
- Nobilift AC drive system.
- Electric steering (optional).
- Robust 2- and 3stage masts for lift heights up to 6000mm lift height.
- Foldable platform and protective arms (optional).



Key-switch, emergency switch and battery discharge indicator.

PS 15SL Straddle-leg type



Tiller

All operating elements on the CAN tiller are easy to reach.

Nobilift AC drive system

The AC drive system gives high performance, ensures low maintenance costs and its high efficiency, saves energy for longer operations.

Optional straddle leg

Adjustable straddle leg design, suitable for diverse pallet sizes and more stability.



Standard battery

Long operating time through high capacity with 3 PZS battery.



Storage tray

The robust battery cover to with storage areas for utilities or packaging and stretch foil.

Electric steering (optional)

The electric steering makes the operating effortless. Maneuvering in narrow spaces becomes with the electric steering easiest.

Different mast versions

2- stage and 3-stage masts up to 236inch lift-height.

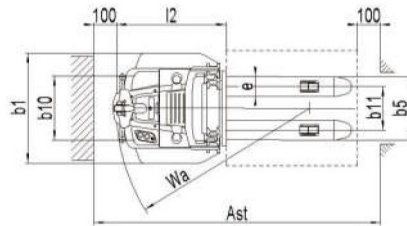
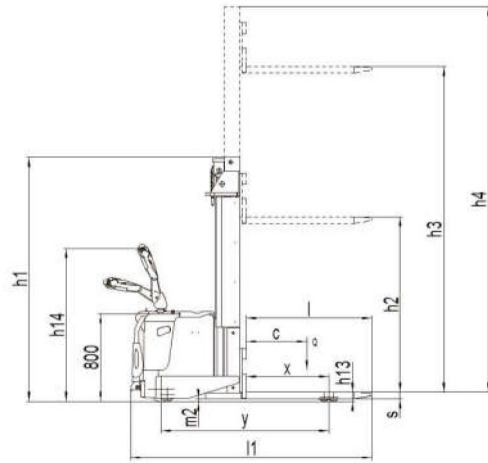


Optional foldable platform

Optional suspension foldable platform with sideways protective arms. The ergonomically designed foldable platform in combination with its sideways protective arms makes operations faster and safer.

Mast table PS 15

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)
PS 15					
Two-stage mast	1950	150	2815	3370	2900
	2100	150	3115	3670	3200
	2300	150	3515	4070	3600
	2500	150	3915	4470	4000
Two-stage mast FFL (Full-Free-Lift)	1950	1480	2815	3370	2900
	2300	1830	3515	4070	3600
Three-stage mast FFL (Full-Free-Lift)	1980	1420	4215	4865	4300
	2080	1520	4515	5115	4600
	2220	1660	4915	5520	5000
	2475	1875	5415	6060	5500
	2740	2100	5915	6600	6000



PS 15 Type sheet for industrial truck acc. to VDI 2198 1tKG=2.2LB 1tINCH=25.4MM

Distinguishing mark	1.2	Manufacturer's type designation		PS 15	
	1.3	Power (battery ,diesel, petrol, gas, manual)		5000	2900
	1.4	Operator type		Battery	
	1.5	Load Capacity / rated load	Q (t)	1.5	
	1.6	Load centre distance	C (mm)	600	
	1.8	Load distance ,centre of drive axle to fork	X (mm)	751	755
Weight	1.9	Wheelbase	Y (mm)	1526	1407
	2.1	Service weight	kg	1596	1095
	2.2	Axle loading, laden front/rear	kg	1345/1663	1165/1430
Tyres, chassis	2.3	Axle loading, unladen front/rear	kg	955/553	735/360
	3.1	Tires		Polyurethane (PU)	
	3.2	Tire size, front	Ø x w (mm)	Ø230×75	
	3.3	Tire size, rear	Ø x w (mm)	Ø 80× 70	
	3.4	Additional wheels(dimensions)	Ø x w (mm)	Ø124x80	
	3.5	Wheels, number front/rear(x=driven wheels)		1x+2/4	
	3.6	Tread, front	b10 (mm)	766	570
Dimensions	3.7	Tread, rear	b11 (mm)	390/505	
	4.2	Lowered mast height	h1 (mm)	2220	1950
	4.3	Free lift height	h2 (mm)	1660	150
	4.4	Lift	h3 (mm)	4915	2815
	4.5	Extended mast height	h4 (mm)	5520	3370
	4.9	Height of tiller in drive position min./ max.	h14 (mm)	945/1370	
	4.15	Height, lowered	h13 (mm)	85	
	4.19	Overall length	l1 (mm)	2110 ¹⁾	1987 ¹⁾
	4.20	Length to face of forks	l2 (mm)	960 ¹⁾	837 ¹⁾
	4.21	Overall width	b1 (mm)	1000	795
	4.22	Fork dimensions	s/e/l (mm)	60/180/1150	
	4.25	Distance between fork- arms	b5 (mm)	570/685 ³⁾	
	4.32	Ground clearance, centre of wheelbase	m2 (mm)	25	
	4.33	Aisle width for pallets 1000X1200 lengthways	Ast (mm)	2567 ¹⁾	2447 ¹⁾
Performance data	4.34	Aisle width for pallets 800X1200 lengthways	Ast (mm)	2519 ¹⁾	2397 ¹⁾
	4.35	Turning radius	Wa (mm)	1717 ¹⁾	1598 ¹⁾
	5.1	Travel speed, laden/unladen	Km/h	6.0/6.0	
	5.2	Lift speed, laden/ unladen	m/s	0.14/0.212	0.082/0.152 ²⁾
	5.3	Lowering speed, laden/ unladen	m/s	0.196/0.178	0.108/0.095 ²⁾
Electric- engine	5.8	Max. gradeability performance, laden/ unladen	%	6/12	
	5.10	Service brake		Electromagnetic	
	6.1	Drive motor rating S2 60min	kW	1.3	
	6.2	Lift motor rating at S3 15%	kW	3.0	2.2 2)
	6.3	Battery acc. to DIN 43531/35/36 A, B, C, no		B,3PzS	B,2PzS
	6.4	Battery voltage, nominal capacity K5	V/Ah	24/350	24/210
	6.5	Battery weight	kg	288	217
Additional data	6.6	Energy consumption acc. to VDI cycle	kWh/h	2.36	
	8.1	Type of drive control		AC- Speed Control	
	8.4	Sound level at driver's ear according to EN 12053	dB(A)	69	

1)With foldable platform the following dimensions increase: l1+83mm/ l2+83mm/Wa+93mm/Ast+93mm.

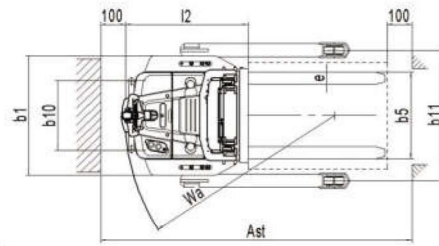
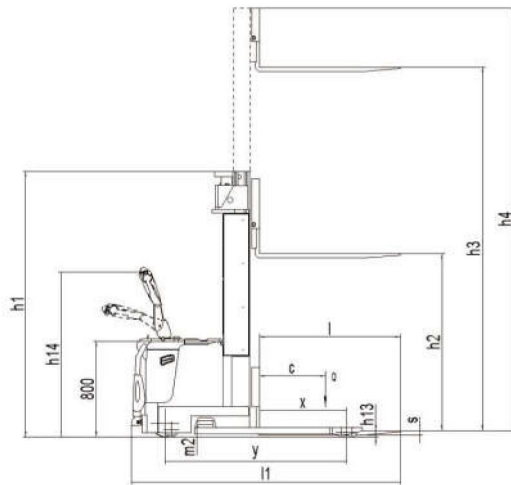
2)For two-stage mast truck with lifting height 2900mm, other two-stage mast truck(仅对于提升2900mm的二门架车型，其余二门架车型)：

Lift speed-laden/ unladen=0.150/0.226m/s , Lowering speed-laden/ unladen=0.168/0.155 m/s , Lift motor=3.0kw.

3)6000 height only has 685 specification.

Mast table PS 15SL

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)
PS 15SL					
Two-stage mast	1950	150	2850	3370	2900
	2100	150	3150	3670	3200
	2300	150	3550	4070	3600
	2500	150	3950	4470	4000
Two-stage mast FFL (Full-Free-Lift)	1950	1480	2850	3370	2900
	2300	1830	3550	4070	3600
Three-stage mast FFL (Full-Free-Lift)	1980	1420	4250	4865	4300
	2080	1520	4550	5115	4600
	2220	1660	4950	5520	5000
	2475	1875	5450	6060	5500
	2740	2100	5950	6600	6000



PS 15SL Type sheet for industrial truck acc. to VDI 2198 1KG=2.2LB 1INCH=25.4MM

Distinguishing mark	1.2	Manufacturer's type designation		PS 15SL	
	1.3	Power (battery ,diesel, petrol, gas, manual)		5000	2900
	1.4	Operator type		Battery	
	1.5	Load Capacity / rated load	Q (t)	1.5	
	1.6	Load centre distance	C (mm)	600	
	1.8	Load distance ,centre of drive axle to fork	X (mm)	722	710
Weight	1.9	Wheelbase	Y (mm)	1527	1393
	2.1	Service weight	kg	1702	1270
	2.2	Axle loading, laden front/rear	kg	1398/1716	1250/1520
Tyres, chassis	2.3	Axle loading, unladen front/rear	kg	1008/606	825/445
	3.1	Tires		Polyurethane (PU)	
	3.2	Tire size, front	Ø x w (mm)	Ø230×75	
	3.3	Tire size, rear	Ø x w (mm)	Ø80×70	
	3.4	Additional wheels(dimensions)	Ø x w (mm)	Ø124×60	
	3.5	Wheels, number front/rear(x=driven wheels)		1x+2/4	
	3.6	Track, front	b10 (mm)	766	570
	3.7	Track, rear	b11 (mm)	1089-1389	
Dimensions	4.2	Lowered mast height	h1 (mm)	2220	1950
	4.3	Free Lift height	h2 (mm)	1660	150
	4.4	Lift height	h3 (mm)	4950	2850
	4.5	Extended mast height	h4 (mm)	5520	3370
	4.9	Height of tiller in drive position min. / max.	h14 (mm)	945/1370	
	4.15	Height, lowered t	h13 (mm)	50	
	4.19	Overall length	l1 (mm)	2140 ¹⁾	2019 ¹⁾
	4.20	Length to face of forks	l2 (mm)	990 ¹⁾	869 ¹⁾
	4.21	Overall width	b1 (mm)	1000	795
	4.22	Fork dimensions	s/e/l (mm)	35/100/1150	
	4.25	Distance between fork-arms	b5 (mm)	200-720	
	4.32	Ground clearance, centre of wheelbase	m2 (mm)	25	
	4.33	Aisle width for pallets 1000X1200 crossways	Ast (mm)	2580 ¹⁾	2580 ¹⁾
	4.34	Aisle width for pallets 800X1200 lengthways	Ast (mm)	2542 ¹⁾	2418 ¹⁾
	4.35	Turning radius	Wa (mm)	1718 ¹⁾	1585 ¹⁾
Performance data	5.1	Travel speed, laden/ unladen	km/h	6.0/6.0	
	5.2	Lift speed, laden/ unladen	m/s	0.141/0.212	0.082/0.152 ²⁾
	5.3	Lowering speed, laden/ unladen	m/s	0.196/0.178	0.108/0.095 ²⁾
	5.8	Max. gradeability, laden/ unladen	%	6/12	
	5.10	Service brake		Electromagnetic	
Electric- engine	6.1	Drive motor rating S2 60min	kw	1.3	
	6.2	Lift motor rating at S3 4.5%	kw	3.0	2.2 ²⁾
	6.3	Battery acc. to DIN 43531/35/36 A, B, C, no		B, 3PzS	B, 2PzS
	6.4	Battery voltage, nominal capacity K5	V/Ah	24/350	24/210
	6.5	Battery weight	kg	288	217
	6.6	Energy consumption acc. to VDI cycle	kWh/h	2.36	
Additional data	8.1	Type of drive control		AC- Speed Control	
	8.4	Sound level at driver's ear acc. to EN 12053	dB(A)	69	

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2)For two-stage mast truck with lifting height 2900mm, other two-stage mast truck(仅对于提升2900mm的二门架车型, 其余二门架车型).

Lift speed-laden/ unladen=0.150/0.226m/s. Lowering speed-laden/ unladen=0.168/0.155 m/s. Lift motor=3.0kw.