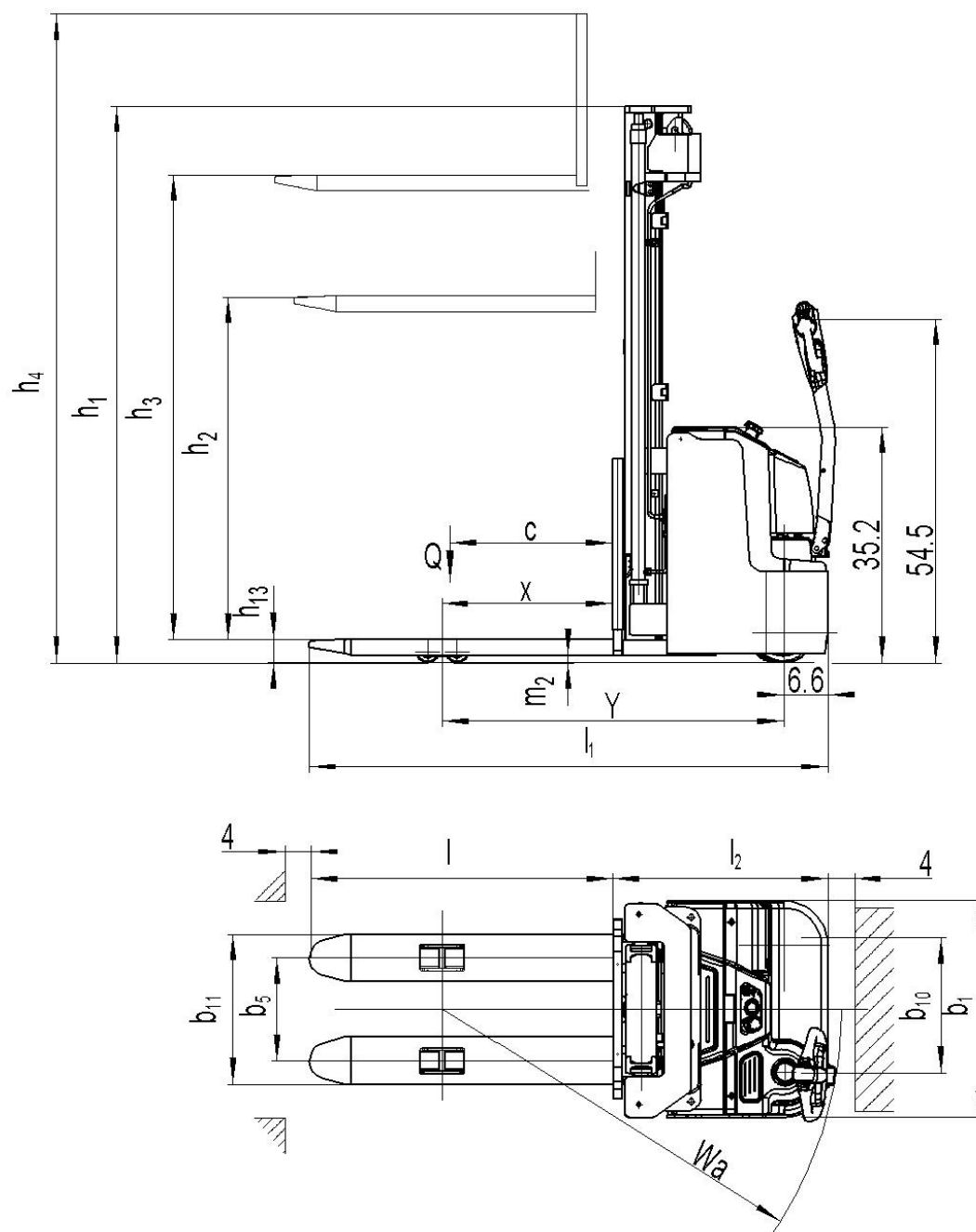


NOBLIFT 诺力

PS 12/16/20L



Type sheet for industrial truck acc. to VDI 2198						
Distinguishing mark	1.2	Manufacturer`s type designation		PS 12L (3600)	PS 16L 4600)	PS 20L (4600)
	1.3	Power (battery ,diesel, petrol, gas, manual)		Battery		
	1.4	Operator type		Pedestrian		
	1.5	Load Capacity / rated load	Q(lbs)	2640	3520	4400
	1.6	Load centre distance	C(in)	23.6		
	1.8	Load distance ,centre of drive axle to fork	x(in)	25.5		
	1.9	Wheelbase	y(in)	49.1	50.9	56.3
Weight	2.1	Service weight	lbs	2216	2948	3474
	2.2	Axle loading, laden front/rear	lbs	1505/3351	2046/4422	2200/5674
	2.3	Axle loading, unladen front/rear	lbs	1342/873	1870/1078	1980/1494
Tires, chassis	3.1	Tires		Polyurethane (PU)		
	3.2	Tire size, front	ØxW (in)	Φ9×2.76		
	3.3	Tire size, rear	ØxW (in)	Φ3.3×3		
	3.4	Additional wheels(dimensions)	ØxW (in)	Φ5.9×2		
	3.5	Wheels, number front/rear(x=driven wheels)		1x+1/4		
	3.6	Track, front	b10(in)	20.5		
	3.7	Track, rear	b11(in)	15.3/19.9		
Dimensions	4.2	Lowered mast height	h1(in)	91	83	88
	4.3	Free Lift height	h2(in)	69	60	60
	4.4	Lift height	h3(in)	139	178	178
	4.5	Extended mast height	h4(in)	161	200	205
	4.9	Height of tiller in drive position min./ max.	h14(in)	33.5/54.5		
	4.15	Height, lowered	h13(in)	3.54		
	4.19	Overall length	l1(in)	75.6	77.3	82.7
	4.20	Length to face of forks	l2(in)	30.3	32	37.4
	4.21	Overall width	b1(in)	32.3		
	4.22	Fork dimensions	s/e/l(in)	2.36/7/49		
	4.25	Distance between fork-arms	b5(in)	22.4/27		
	4.32	Ground clearance, centre of wheelbase	m2(in)	1.1	1.1	0.9
	4.33	Aisle width for pallets 1000X1200 crossways	Ast(in)	92	94.7	99.8
	4.34	Aisle width for pallets 800X1200 lengthways	Ast(in)	96.7	94.2	99.3
	4.35	Turning radius	Wa(in)	56.7	59.4	64.6
Performance data	5.1	Travel speed, laden/ unladen	mph	3.7/3.7	3.5/3.7	3.4/3.7
	5.2	Lift speed, laden/ unladen	fpm	17.7/27.6	25.6/39.4	25.6/39.4
	5.3	Lowering speed, laden/ unladen	fpm	35.4/23.6	49.2/33.5	49.2/33.5
	5.8	Max. gradeability, laden/ unladen	%	6/12	6/12	6/10
	5.10	Service brake		Electromagnetic		

Electric- engine	6.1	Drive motor rating S2 60min	HP	1.7	1.7	2.3
	6.2	Lift motor rating at S3 10%	HP	2.0	4.3	4.3
	6.3	Battery acc. to DIN 43531/35/36 A, B, C, no		2VBS	3VBS	3PZS
	6.4	Battery voltage, nominal capacity K5	V/Ah	24/180	24/270	24/350
	6.5	Battery weight	lbs	385	506	634
	6.6	Energy consumption acc: to VDI cycle	kWh/h	0.95	1.59	1.70
Additio nal data	8.1	Type of drive control		AC- speed control		
	8.4	Sound level at driver`s ear acc. to EN 12053	dB(A)	<70		

Designation	Lowered mast height h1(in)	Free Lift height h2(in)	Lift height h3(in)	Extended mast height h4(in)
PS 12L				
Two stage mast	77	—	111	133
	83	—	123	145
	91	—	139	161
Two stage mast FFL (Full-Free-Lift)	77	55.5	111	133
	83	61.4	123	145
	91	69.3	139	161
PS 16L				
Two stage mast	77	—	111	133
	83	—	123	145
	91	—	139	161
Two stage mast FFL (Full-Free-Lift)	77	55.5	111	133
	83	61.4	123	145
	91	69.3	139	161
Three stage mast	79	—	167	188
	83	—	178	200
Three stage mast FFL (Full-Free-Lift)	75	52	155	176
	79	55.9	167	188
	83	59.8	178	200
PS 20L				
Two stage mast	82	—	111	138
	88	—	123	150
	96	—	139	165
Two stage mast FFL (Full-Free-Lift)	78	51.6	104	130
	82	55.5	111	138
	88	61.4	123	150
	96	69.3	139	165
Three stage mast	84	—	167	193
	88	—	178	205

Three stage mast FFL (Full-Free-Lift)	78	51.6	155	181
	84	55.9	167	193
	88	59.8	178	205