

Pallet Truck

LPM15/20N
BPM18NC
BPM16/20N
BPR20/25N

Stacker

LSM12N
BSL12/16N
BSM16/18NL
BSR12/16/20N

Reach Stacker

BSR13/15NR

Aerial Platform

X08NHC
X10NHN
X10/12/14NH



WAREHOUSE EQUIPMENT



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X10NHN
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A comprehensive range

Doosan offer a comprehensive range of electric pallet trucks designed to optimize throughput in every warehouse environments. So whatever your requirements, we have perfectly fitting products for the job.

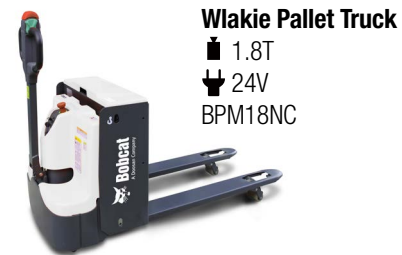
Electric Pallet Truck



Li-Ion

Walkie Pallet Truck

1.5T-2.0T
24V
LPM15/20N



Wiakie Pallet Truck

1.8T
24V
BPM18NC



Wiakie Pallet Truck

1.6T-2.0T
24V
BPM16/20N



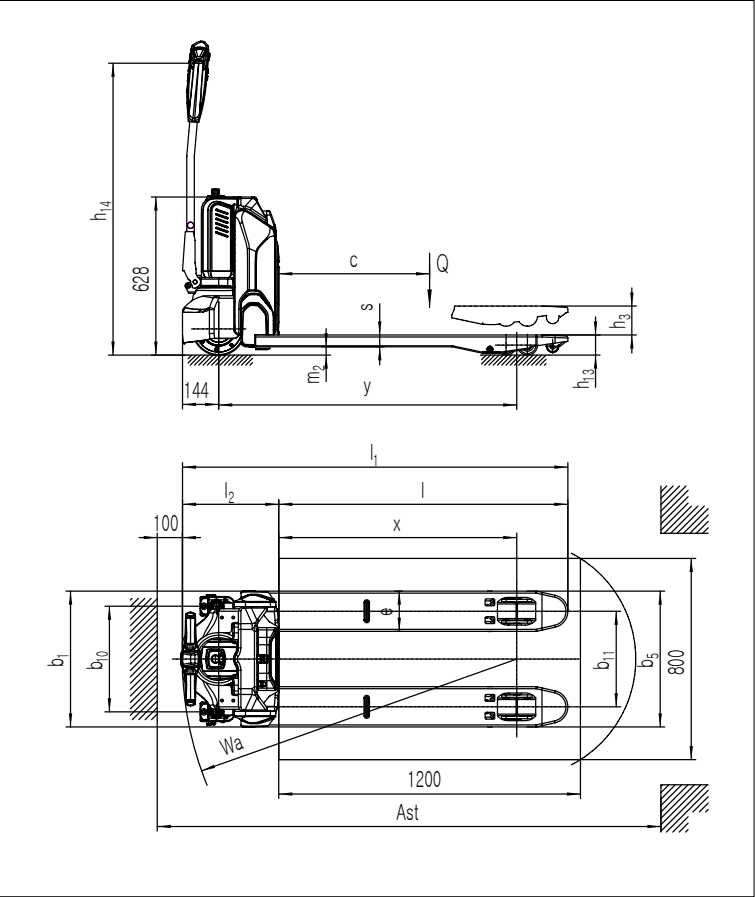
Platform Pallet Truck

2.0T-2.5T
24V
BPR20/25N

Li-ion Walkie Pallet Truck LPM15/20N

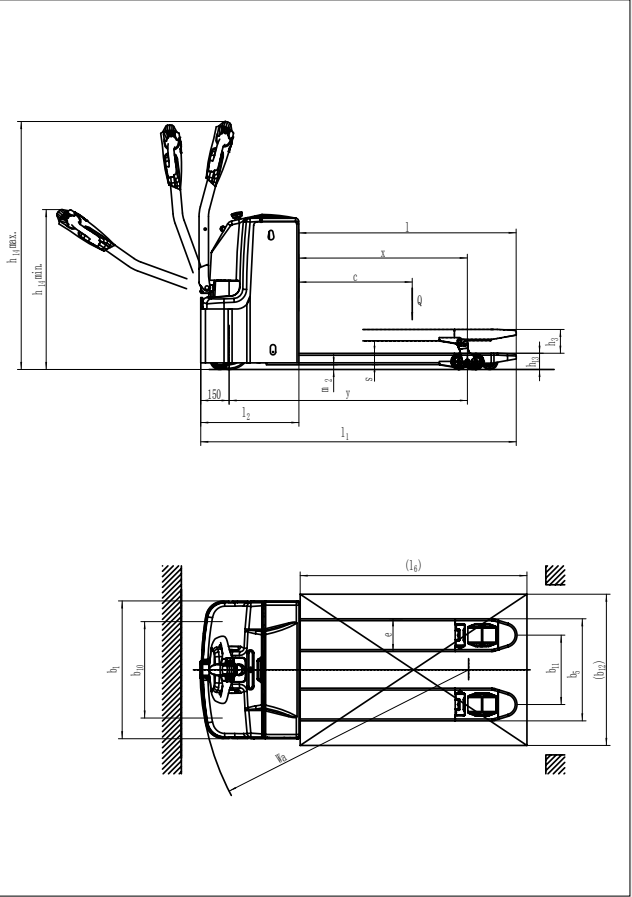


General	Model			LPM15N	LPM20N
	Power			AC Motor	AC Motor
	Operator Type			Pedestrian	Pedestrian
	Load Capacity / Rated Load	Q	kg	1500	2000
	Load Center Distance	C	mm	600	600
	Load Center Distance (LMC)	X	mm	947	951
	Wheelbase	y	mm	1185	1189
Weight	Service Weight inc. Battery		kg	123	149
	Axle loading, laden front/rear		kg	623/1000	621/1528
	Axle loading, unladen front/rear		kg	96/27	115/34
Tires	Tires			Polyurethane (PU)	Polyurethane (PU)
	Drive Wheel		mm	ø210x70	ø210x70
	Load Wheel		mm	ø80x93	ø80x93
	Caster Wheel		mm	100X40	100X40
	Tread, Body (Caster Wheel - Caster Wheel)	b10	mm	420	420
	Tread, Fork (Load Wheel - Load Wheel)	b11	mm	380	525
Dimensions	Lift Height	h3	mm	115	115
	Height of tiller in drive position min./max.	h14	mm	Min. 700 / Max. 1160	Min. 700 / Max. 1160
	Height, Lowered	h13	mm	80	80
	Overall Length	l1	mm	1530	1536
	Length to Face of Forks	l2	mm	380	380
	Overall Width	b1	mm	540/685	540/685
	Forks Dimensions	s / e / l	mm	47/160/1150	47/160/1150
	Width across Forks	b5	mm	540/685	540/685
	Ground Clearance, Center of Wheelbase	m2	mm	33	33
	Aisle width for pallet 800 x 1200 lengthways	Ast	mm	2000	2006
	Turning Radius	Wa	mm	1330	1336
Performance	Travel Speed (Laden, Unladen)		km/h	4.6/4.8	4.8/5.2
	Lifting Speed (Laden/Unladen)		m/s	0.020/0.025	0.17/0.022
	Lowering Speed (Laden/Unladen)		m/s	0.05/0.04	0.05/0.03
	Max Greadeability (Laden, Unladen)		%	4/16	7/16
	Service Brake			Electromagnetic	Electromagnetic
Battery	Battery Type			Li-ion(NMC)	Li-ion(NMC)
	Battery Capacity	K5	V / Ah	24 / 20	48 / 20
	Battery Weight		kg	4.6	7.5



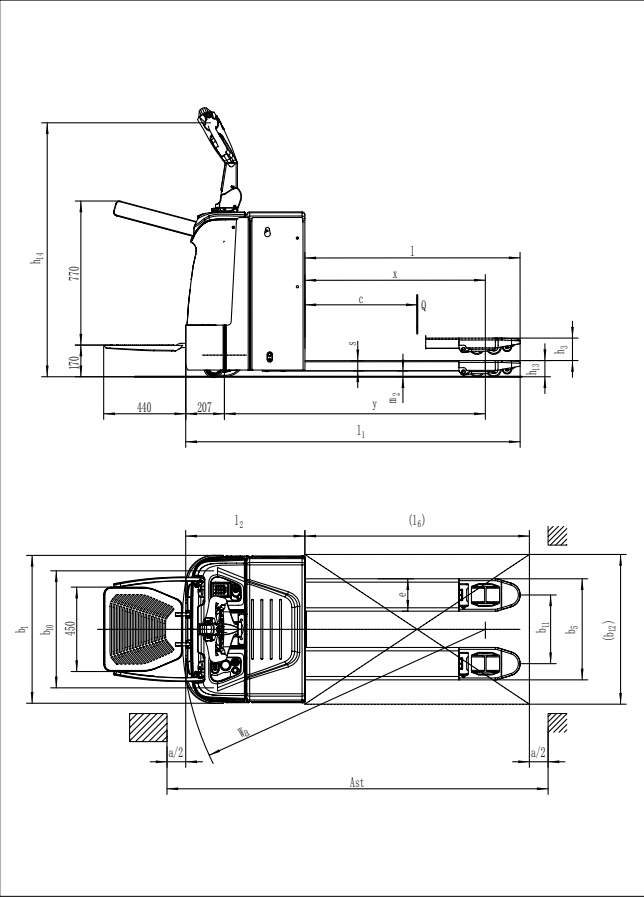
Electric Walke Pallet Truck BPM18NC, BPM16/20N

General	Model			BPM18NC	BPM16N	BPM20N
	Power			AC Motor	AC Motor	AC Motor
	Operator Type			Pedestrian	Pedestrian	Pedestrian
	Load Capacity / Rated Load	Q	kg	1800	1600	2000
	Load Center Distance	C	mm	600	600	600
	Load Center Distance (LMC)	X	mm	9481	892	892
	Wheelbase	y	mm	13601	1261	1550
Weight	Service Weight inc. Battery		kg	415	445	535
	Axle loading, laden front/rear		kg	785/1430	715/1330	855/1680
	Axle loading, unladen front/rear		kg	335/80	345/100	415/120
Tires	Tires			Polyurethane (PU)	Polyurethane (PU)	Polyurethane (PU)
	Drive Wheel		mm	210X70	230X70	230X70
	Load Wheel		mm	74X100	84X84	84X84
	Caster Wheel		mm	-	100X40	100X40
	Tread, Body (Caster Wheel - Caster Wheel)	b10	mm	560	510	510
	Tread, Fork (Load Wheel - Load Wheel)	b11	mm	525	367/512	367/512
Dimensions	Lift Height	h3	mm	120	120	120
	Height of tiller in drive position min./max.	h14	mm	Min. 770 / Max. 1230	Min. 820 / Max. 1335	Min. 820 / Max. 1335
	Height, Lowered	h13	mm	75	85	85
	Overall Length	l1	mm	1790	1670	1735
	Length to Face of Forks	l2	mm	570	520	595
	Overall Width	b1	mm	729	729	729
	Forks Dimensions	s / e / l	mm	50/160/1220(1150)	60/173/1150	60/173/1150
	Width across Forks	b5	mm	685	540/685	540/685
	Ground Clearance, Center of Wheelbase	m2	mm	25	25	25
	Aisle width for pallet 1000 x 1200 crossways	Ast	mm	2270	2250	2315
	Aisle width for pallet 800 x 1200 lengthways	Ast	mm	-	2140	2205
	Turning Radius	Wa	mm	1525	1440	1490
Perfomance	Travel Speed (Laden, Unladen)		km/h	5.0/5.2	6.0/6.0	6.0/6.0
	Lifting Speed (Laden/Unladen)		m/s	0.025/0.030	0.025/0.035	0.020/0.035
	Lowering Speed (Laden/Unladen)		m/s	0.030/0.025	0.035/0.030	0.035/0.030
	Max Greadeability (Laden, Unladen)		%	8 / 12	8/15	8/15
	Service Brake			Electromagnetic	Electromagnetic	Electromagnetic
Battery	Battery Type			2VBS	2VBS	2PzS
	Battery Capacity	K5	V / Ah	24 / 160	24 / 160	24 / 210
	Battery Weight		kg	145	155	215



Electric Platform Pallet Truck BPR20/25N

General	Model			BPR20N	BPR25N
	Power			AC Motor	AC Motor
	Operator Type			Pedestrian (Rider Type)	Pedestrian (Rider Type)
	Load Capacity / Rated Load	Q	kg	2000	2500
	Load Center Distance	C	mm	600	600
	Load Center Distance (LMC)	X	mm	892	892
	Wheelbase	y	mm	1330	1435
Weight	Service Weight inc. Battery		kg	650	820
	Axle loading, laden front/rear		kg	1110/1540	1370/1950
	Axle loading, unladen front/rear		kg	510/140	600/200
Tires	Tires			Polyurethane (PU)	Polyurethane (PU)
	Drive Wheel		mm	210x70	210x70
	Load Wheel		mm	84x84	84x84
	Caster Wheel		mm	100x40	100x40
	Tread, Body (Caster Wheel - Caster Wheel)	b10	mm	560	560
Dimensions	Tread, Fork (Load Wheel - Load Wheel)	b11	mm	367/512	367/512
	Lift Height	h3	mm	120	120
	Height of tiller in drive position min./max.	h14	mm	Min. 950/ Max. 1350	Min. 950/ Max. 1350
	Height, Lowered	h13	mm	85	85
	Overall Length	l1	mm	1790	1895
	Length to Face of Forks	l2	mm	640	745
	Overall Width	b1	mm	790	790
	Forks Dimensions	s / e / l	mm	55/173/1150	55/173/1150
	Width across Forks	b5	mm	540/685	540/685
	Ground Clearance, Center of Wheelbase	m2	mm	30	30
	Aisle width for pallet 1000 x 1200 crossways	Ast	mm	2290	2505
	Aisle width for pallet 800 x 1200 lengthways	Ast	mm	2400	2395
	Turning Radius	Wa	mm	1585	1690
Performance	Travel Speed (Laden, Unladen)		km/h	7.0/8.0	6.0/7.0
	Lifting Speed (Laden/Unladen)		m/s	0.025/0.03	0.035/0.045
	Lowering Speed (Laden/Unladen)		m/s	0.030/0.025	0.045/0.050
	Max Greadeability (Laden, Unladen)		%	8 / 15	8 / 15
	Service Brake			Electromagnetic	Electromagnetic
Battery	Battery Type			DIN	DIN
	Battery Capacity	K5	V / Ah	24 / 210 2PzS	24 / 350 3PzS
	Battery Weight		kg	185	285



Electric Stacker



Li-Ion
Walkie Stacker
🔋 1.2T
🔌 24V
LSM12N



Li-Ion
Walkie Stacker
🔋 1.2T-1.6T
🔌 24V
BSL12/16N



Li-Ion
Walkie Straddle Stacker
🔋 1.6T-1.8T
🔌 24V
BSM16/18NL



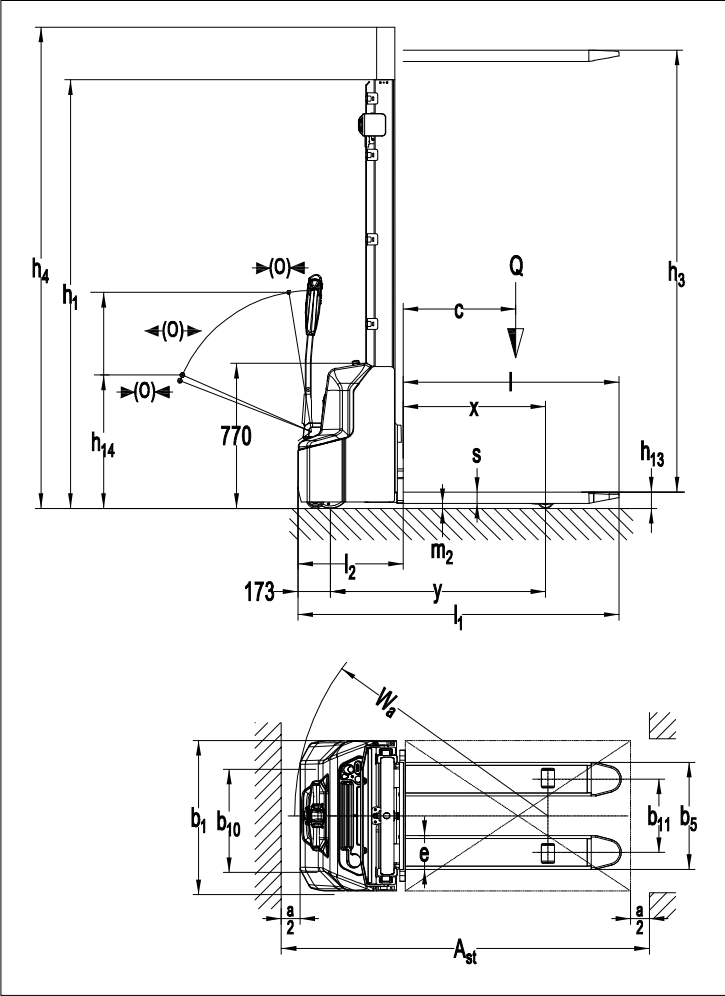
Li-Ion
Platform Stacker
🔋 1.2T-2.0T
🔌 24V
BSR12/16/20N

Electric Walkie Stacker LSM12N



General	1.2	Model		LSM12N
	1.3	Power		DC Motor
	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
Weight	1.9	Wheelbase	y(mm)	1147
	2.1	Service weight	kg	585
	2.2	Axle loading, laden front/rear	kg	560 / 1225
Tires	2.3	Axle loading, unladen front/rear	kg	440 / 145
	3.1	Tires		Polyurethane (PU)
	3.2	Tire size, front	Æ x w (mm)	Φ210 x 70
	3.3	Tire size, rear	Æ x w (mm)	Φ84 x 93
	3.4	Additional wheels(dimensions)	Æ x w (mm)	Φ100 x 50
	3.5	Wheels, number front/rear(x=driven wheels)		1x + 1 / 2
	3.6	Track, front	b10 (mm)	550
	3.7	Track, 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
	4.2	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	Width across forks	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	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
Battery	5.1	Service brake		Electromagnetic
	6.3	Battery type		Li-ion (NMC)
	6.4	Battery voltage, nominal capacity K5	V / Ah	24 / 60
	6.5	Battery weight	kg	19

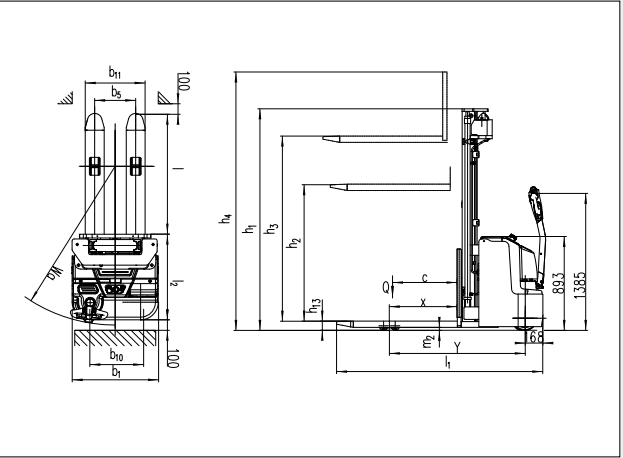
Type	Lowered mast height	Free Lift height	Lift height	Max.Fork Height
	h1(mm)	h2(mm)	h3(mm)	h3+h13(mm)
One stage mast	1930	1514	1514	1600
	2330	1914	1914	2000
Two stage mast	1930	-	2814	2900
	2080	-	3114	3200
	2280	-	3514	3600



Electric Walkie Stacker BSL12/16N

General	Model			BSL12N (3600)	BSL12N (4600)	BSL16N (4600)
	Power			AC Motor	AC Motor	AC Motor
	Operator Type			Pedestrian	Pedestrian	Pedestrian
	Load Capacity / Rated Load	Q	kg	1200	1200	1600
	Load Center Distance	C	mm	600	600	600
	Load Center Distance (LMC)	X	mm	647	637	647
Weight	Wheelbase	y	mm	1248	1248	1293
	Service Weight inc. Battery		kg	1007	1150	1340
	Axle loading, laden front/rear		kg	684/1523	735/1610	930/2010
	Axle loading, unladen front/rear		kg	610/397	720/430	850/490
Tires	Tires			Polyurethane (PU)	Polyurethane (PU)	Polyurethane (PU)
	Drive Wheel		mm	230×70	230×70	230×70
	Load Wheel		mm	84×70	84×70	84×70
	Caster Wheel		mm	150x54	150x54	150x54
	Tread, Body (Caster Wheel - Caster Wheel)	b10	mm	522	522	522
	Tread, Fork (Load Wheel - Load Wheel)	b11	mm	390/505	390/505	390/505
Dimensions	Lowered Mast Height	h1	mm	2308	2108	2108
	Free Lift	h2	mm	1760	1520	1520
	Lift Height	h3	mm	3530	4530	4530
	Extended Mast Height	h4	mm	4088	5088	5088
	Height of tiller in drive position min./max.	h14	mm	Min. 850/Max. 1385	Min. 850/Max. 1385	Min. 850/Max. 1385
	Height, Lowered	h13	mm	90	90	90
	Overall Length	l1	mm	1919	1929	1964
	Length to Face of Forks	l2	mm	769	779	814
	Overall Width	b1/b2	mm	820	820	820
	Forks Dimensions	s / e / l	mm	60/180/1150	60/180/1150	60/180/1150
	Width across Forks	b5	mm	570/685	570/685	570/685
	Ground Clearance, Center of Wheelbase	m2	mm	28	28	28
	Aisle width for pallet 800 x 1200 lengthways	Ast	mm	2323	2323	2393
	Aisle width for pallet 1000 x 1200 crossways	Ast	mm	2336	2336	2406
	Turning Radius	Wa	mm	1440	1440	1510
Performance	Travel Speed (Laden, Unladen)		km/h	6.0/6.0	6.0/6.0	5.7/6.0
	Lifting Speed (Laden/Unladen)		m/s	0.09/0.14	0.13/0.20	0.13/0.20
	Lowering Speed (Laden/Unladen)		m/s	0.25/0.20	0.28/0.23	0.28/0.23
	Max Greadeability (Laden, Unladen)		%	6/12	6/12	6/12
	Service Brake			Electromagnetic	Electromagnetic	Electromagnetic
Battery	Battery Type			2VBS	2VBS	3VBS
	Battery Capacity	K5	V / Ah	24 / 180	24 / 180	24 / 270
	Battery Weight		kg	175	175	230

Mast	Lowered Mast Height	Free Lift	Lift Height	Extended Mast Height	Max. Forks Height
	h1(mm)	h2(mm)	h3(mm)	h4(mm)	h3+h13(mm)
BSL 12N					
STD	1958	—	2830	3380	2920
	2108	—	3130	3680	3220
	2308	—	3530	4080	3620
FFL	1958	1410	2830	3380	2920
	2108	1560	3130	3680	3220
	2308	1760	3530	4080	3620
FFT	2008	1420	4230	4780	4320
	2108	1520	4530	5080	4620
BSL 16N					
STD	1958	—	2830	3380	2920
	2108	—	3130	3680	3220
	2308	—	3530	4080	3620
FFL	1958	1410	2830	3380	2920
	2108	1560	3130	3680	3220
	2308	1760	3530	4080	3620
FFT	1708	1120	3330	3880	3420
	1908	1320	3930	4480	4020
	2008	1420	4230	4780	4320
	2108	1520	4530	5080	4620
	2343	1756	5230	5780	5320
	2408	1820	5430	5980	5520

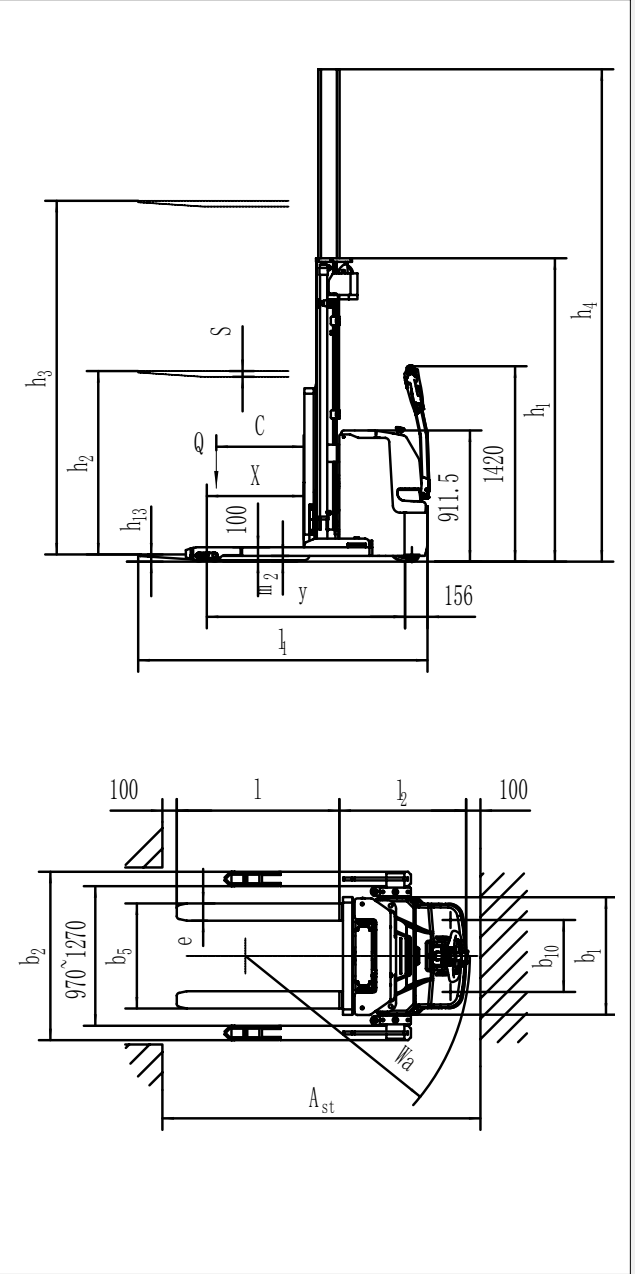


Electric Walkie Straddle Stacker BSM16/18NL

General	Model			BSM16NL	BSM18NL
	Power			AC Motor	AC Motor
	Operator Type			Pedestrian	Pedestrian
	Load Capacity / Rated Load	Q	kg	1600	1800
	Load Center Distance	C	mm	600 ¹⁾	600
	Load Center Distance (LMC)	X	mm	664 ²⁾	647 ²⁾
Weight	Wheelbase	y	mm	1378	1378
	Service Weight inc. Battery		kg	1480	1560
	Axle loading, laden front/rear		kg	827/2253	892/2378
	Axle loading, unladen front/rear		kg	864/616	924/636
Tires	Tires			Polyurethane (PU)	Polyurethane (PU)
	Drive Wheel		mm	230x70	230x70
	Load Wheel		mm	84x70	84x70
	Caster Wheel		mm	100x40	100x40
	Tread, Body (Caster Wheel - Caster Wheel)	b10	mm	500	500
	Tread, Fork (Load Wheel - Load Wheel)	b11	mm	-	-
Dimensions	Lowered Mast Height	h1	mm	Mast Table	Mast Table
	Free Lift	h2	mm	2108	2228
	Lift Height	h3	mm	1520	1520
	Extended Mast Height	h4	mm	4530	4530
	Height of tiller in drive position min./max.	h14	mm	Min. 890 / Max. 1420	Min. 890 / Max. 1420
	Height, Lowered	h13	mm	50	50
	Overall Length	l1	mm	2075	2092
	Length to Face of Forks	l2	mm	925	942
	Overall Width	b1/b2	mm	816/1170-1470	816/1170-1470
	Forks Dimensions	s / e / l	mm	40x120x115	40x120x115
	Width across Forks	b5	mm	255-730	255-730
	Ground Clearance, Center of Wheelbase	m2	mm	40	40
	Aisle width for pallet 800 x 1200 lengthways	Ast	mm	2418	2432
	Aisle width for pallet 1000 x 1200 crossways	Ast	mm	2437	2446
	Turning Radius	Wa	mm	1550	1550
Performance	Travel Speed (Laden, Unladen)		km/h	5.4/6.0	5.4/6.0
	Lifting Speed (Laden/Unladen)		m/s	0.13/0.18	0.13/0.18
	Lowering Speed (Laden/Unladen)		m/s	0.20/0.14	0.20/0.14
	Max Greadeability (Laden, Unladen)		%	6/12	6/12
	Service Brake			Electromagnetic	Electromagnetic
Battery	Battery Type			3VBS	3VBS
	Battery Capacity	K5	V / Ah	24 / 270	24 / 270
	Battery Weight		kg	230	230

1) With Sideshifter, Load Center Distance: 500mm
2) With Sideshifter, Load Center Distance: - 55mm

Mast	Lowered Mast Height	Free Lift	Lift Height	Extended Mast Height	Max. Forks Height
	h1(mm)	h2(mm)	h3(mm)	h4(mm)	h3+h13(mm)
BSM16NL					
STD	1958	—	2830	3380	2880
	2108	—	3130	3680	3180
	2308	—	3530	4080	3580
FFL	1958	1410	2830	3380	2880
	2108	1560	3130	3680	3180
	2308	1760	3530	4080	3580
FFT	1908	1320	3930	4480	3980
	2008	1420	4230	4780	4280
	2108	1520	4530	5080	4580
	2343	1756	5230	5780	5280
BSM18NL					
STD	2078	—	2830	3500	2880
	2228	—	3130	3800	3180
	2428	—	3530	4200	3580
FFL	1978	1310	2630	3300	2680
	2078	1410	2830	3500	2880
	2228	1560	3130	3800	3180
	2428	1760	3530	4200	3580
FFT	1978	1310	3930	4600	3980
	2128	1420	4230	4900	4280
	2228	1520	4530	5200	4580

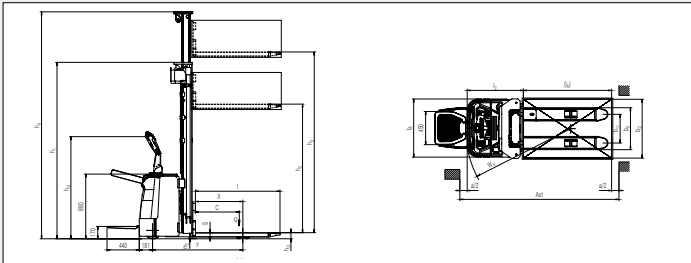


Electric Platform Stacker BSR12/16/20N

General	Model			BSR12N	BSR16N	BSR20N
	Drive			AC Motor	AC Motor	AC Motor
	Operator type			Pedestrian/Standing	Pedestrian/Standing	Pedestrian/Standing
	Load capacity	Q	t	1.6	1.6	1.6
	Load centre distance	C	mm	600	600	600
	Load distance	X	mm	647	647	647
Weight	Wheelbase	y	mm	1167	1215	1327
	Service weight, incl. Battery		kg	1080	1380	1620
	Axle loading, laden front/rear		kg	860/1420	1040 / 1940	1210/2410
Tires	Axle loading, unladen front/rear		kg	780/320	940 / 440	1090/540
	Tyres			Polyurethane(PU)	Polyurethane(PU)	Polyurethane(PU)
	Drive Wheel		mm	230x70	230x70	230x70
	Load Wheel		mm	85x75	85x75	85x75
	Support Wheel		mm	150x54	150x54	150x54
	Tread, Body (Caster Wheel - Caster Wheel)		mm	510	510	510
Dimensions	Tread, Fork (Load Wheel - Load Wheel)		mm	390 / 505	390 / 505	390 / 505
	Lowered mast height	h1	mm	Mast Table		
	Lift Height	h3	mm	Mast Table		
	Height of Tiller in drive position (min/max)	h14	mm	950 / 1350	950 / 1350	950 / 1350
	Height, lowered	h13	mm	90	90	90
	Overall length ¹⁾	l1	mm	1855 + 440	1896 + 440	2025 + 440
	Length to face of forks ¹⁾	l2	mm	705 + 440	746 + 440	875 + 440
	Overall width	b1	mm	790	790	790
	Fork dimensions	s / e / l	mm	60/180/1150	60/180/1150	60/180/1150
	Distance between fork-arms	b5	mm	570/685	570/685	570/685
	Groundclearance, centre of wheelbase	m2	mm	28	28	28
	Aisle width for pallets, 1000x1200mm, Lengthways ¹⁾	Ast	mm	2285	2325	2455
	Aisle width for pallets, 1000x1200mm, Crossways ¹⁾	Ast	mm	2250	2290	1420
	Turning radius ¹⁾	Wa	mm	1380	1420	1550
Performance	Travel speed, laden / unladen		km/h	7.0 / 8.0	6.0 / 7.0	6.0 / 7.0
	Lifting Speed, laden / unladen		m/s	0.09 / 0.14	0.13 / 0.20	0.13 / 0.20
	Lowering speed, laden / unladen		m/s	0.25 / 0.20	0.28 / 0.23	0.28 / 0.23
	Gradeability, laden / unladen		%	6 / 12	6 / 12	6 / 10
Motor, Battery	Service brake			Electromagnetic	Electromagnetic	Electromagnetic
	AC - Drive motor rating S2 60min		kW	1.4	1.4	1.4
	DC - Lift motor rating S3 10%		kW	1.5	3.2	3.2
	Battery acc. to DIN 43535 A / B / C / no			2VBS	3VBS	3Pzs
	Battery voltage / nominal capacity	K5	V / Ah	24 / 180	24 / 270	24 / 350
	Battery weight		kg	175	230	288

1) With compact platform: + 440 mm

Mast	Lowered Mast height	Free Lift height	Lift height	Extended Mast height	Max. Forks Height
	h1(mm)	h2(mm)	h3(mm)	h4(mm)	h3+h13(mm)
BSR12N					
STD	1958	-	2830	3380	2920
	2108	-	3130	3680	3220
	2308	-	3530	4080	3620
FFL	1958	1410	2830	3380	2920
	2108	1560	3130	3680	3220
	2308	1760	3530	4080	3620
BSR16N					
STD	1958	-	2830	3380	2920
	2108	-	3130	3680	3220
	2308	-	3530	4080	3620
FFL	1958	1410	2830	3380	2920
	2108	1560	3130	3680	3220
	2308	1760	3530	4080	3620
FFT	1708	1120	3330	3880	3420
	1908	1320	3930	4480	4020
	2008	1420	4230	4780	4320
	2108	1520	4530	5080	4620
	2343	1756	5230	5780	5320
FFT	2410	1800	5430	6110	5520
BSR20N					
STD	2078	-	2830	3500	2920
	2228	-	3130	3800	3220
	2428	-	3530	4200	3620
FFL	1978	1310	2630	3300	2720
	2078	1410	2830	3500	2920
	2228	1560	3130	3800	3220
	2428	1760	3530	4200	3620
FFT	1978	1310	3930	4600	4020
	2128	1420	4230	4900	4320
	2228	1520	4530	5200	4620



Electric Reach Stacker

Operators of Bobcat reach stackers find them easy to use – even in tight spaces – because their innovative controls and compact design enhance maneuverability.

The reach stacker series combines the advantages of a stacker and a reach truck to handle a wide variety of pallet sizes. It can also be used with stacked block pallets where there is no space between loads for outriggers, allowing the operator to reach over obstacles instead of moving them.

Reach Stacker



Platform Reach Stacker
Mast Moving Type

1.3T-1.5T

24V

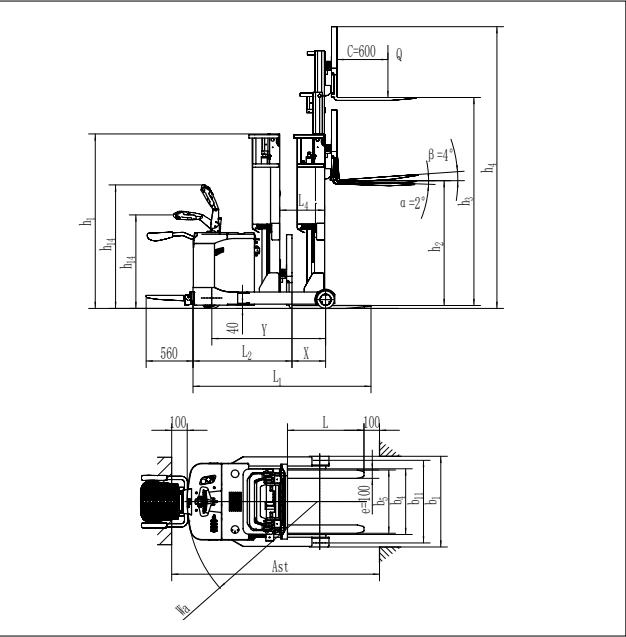
BSR13/15NR

Electric Platform Reach Stacker, Mast Moving Type BSR13/15NR

General	Model			BSR13NR			BSR15NR		
	Power			AC Motor			AC Motor		
	Operator Type			Pedestrian			Pedestrian		
	Load Capacity / Rated Load	Q	kg	1300			1500		
	Load Center Distance	C	mm	600			600		
	Load Center Distance (LMC)	X	mm	415			485		
	Wheelbase	y	mm	1350			1500		
Tires	Service Weight inc. Battery		kg	1750	1900	2200	1800	1950	2250
	Tires			Polyurethane (PU)			Polyurethane (PU)		
	Drive Wheel		mm	250×82			250×82		
	Load Wheel		mm	210×85			230×100		
	Caster Wheel		mm	124×60			124×60		
	Tread, Body (Caster Wheel - Caster Wheel)	b10	mm	680			680		
	Tread, Fork (Load Wheel - Load Wheel)	b11	mm	1085			1085		
Dimensions	Lowered Mast Height	h1	mm	2196	2096	2196	2196	2096	2196
	Free Lift	h2	mm	1600	Φ	1600	1600	Φ	1600
	Lift Height	h3	mm	1600	3000	4800	1600	3000	4800
	Extended Mast Height	h4	mm	2485	3885	5685	2485	3885	5685
	Tilt of fork carriage forward/backward	ΦΦ	°	2/4			2/4		
	Height of tiller in drive position min./max.	h14	mm	Min. 1030 / Max. 1415			Min. 1030 / Max. 1415		
	Height, Lowered	h13	mm	50			50		
	Overall Length	l1	mm	2080 ¹⁾			2160 ¹⁾		
	Reach Stroke	l4	mm	545			630		
	Length to Face of Forks	l2	mm	1160 ¹⁾			1240 ¹⁾		
	Overall Width	b1	mm	1180			1184		
	Forks Dimensions	s/e/l	mm	35/100/920(1070)			35/100/920(1070)		
	Distance between wheel arms/loading surfaces	b4	mm	880			880		
	Width across Forks	b5	mm	220-760			220-760		
	Ground Clearance, Center of Wheelbase	m2	mm	40			40		
	Aisle width for pallet 800 x 1200 lengthways	Ast	mm	2650 ¹⁾			2740 ¹⁾		
	Aisle width for pallet 1000 x 1200 crossways	Ast	mm	2600 ¹⁾			2710 ¹⁾		
Performance	Turning Radius	Wa	mm	1570			1720		
	Travel Speed (Laden, Unladen)		km/h	5.5/6.0-8.0/8.0			5.5/6.0-8.0/8.0		
	Lifting Speed (Laden/Unladen)		m/s	0.085/0.122	0.085/0.122	0.11/0.165	0.11/0.165	0.11/0.165	0.11/0.165
	Lowering Speed (Laden/Unladen)		m/s	0.125/0.08	0.125/0.08	0.11/0.10	0.11/0.10	0.11/0.10	0.11/0.10
	Max Greadeability (Laden, Unladen)		%	5/8			5/8		
Battery	Service Brake			Electromagnetic			Electromagnetic		
	Battery Type			3PzS	3PzS	4PzS	3PzS	3PzS	4PzS
	Battery Capacity		V / Ah	24 / 270	24 / 270	24 / 400	24 / 270	24 / 270	24 / 400
	Battery Weight		kg	251	251	372	251	251	372

1) Platform Type: l1, l2 =+100,Wa/Ast=+100。

Mast	Lowered Mast Height h1(mm)	Free Lift h2(mm)	Lift Height h3(mm)	Extended Mast Height h4(mm)
BSR13NR				
Single	1796	1200	1200	2085
	2196	1600	1600	2485
	2396	1800	1800	2685
STD	1796	Φ	2400	3285
	2096		3000	3885
FFT	1796	1200	3600	4485
	2096	1500	4500	5295
	2196	1600	4800	5685
BSR15NR				
Single	1796	1200	1200	2085
	2196	1600	1600	2485
	2396	1800	1800	2685
STD	1796	Φ	2400	3285
	2096		3000	3885
FFT	1796	1200	3600	4485
	2096	1500	4500	5295
	2196	1600	4800	5685



Auto brake system



Pot hole protection system



Inclined protection



Safety maintenance support bar



Proportional control handle (Portable)



Emergency stop button



Emergency lowering system



Charging protection system



Non-marking Tires



Swing out controls



Terse foldable



Standard transportation forklift holes and crane holes



Self-locking platform door



Front wheel driving and steering



Fault code display

Aerial Platform



Aerial Platform, Scissor lift

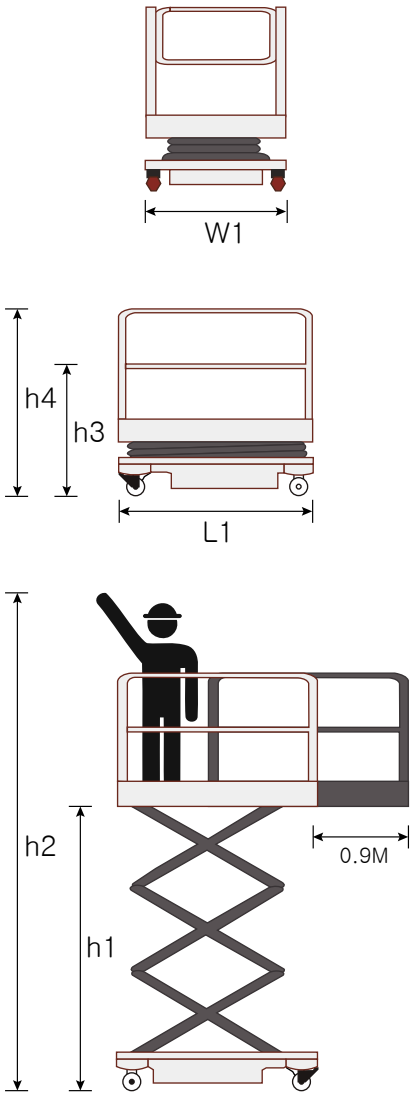
↑ 7.8M-14M

↓ 24V

X08NHC, X10NHN, X10/12/14NH

Aerial Platform, Scissor Lift X08NHC, X10NHN, X10/12/14NH

General	Model			X08NHC	X10NHN	X10NH	X12NH	X14NH
	Safe Working Load		kg	230	230	450	320	320
	S.W.L on Extension		kg	113	113	113	113	113
	Max. Workers Number (Indoor)			2	2	2	2	3
	Max. Workers Number (Outdoor)			1	-	1	1	-
Dimension	Max. Working Height	h2	m	7.8	10	10	12	14
	Max. Platform Floor Height	h1	m	5.8	8	8	10	12
	Overall Length	L1	m	1.885	2.48	2.48	2.48	2.48
	Overall Width	W1	m	0.76	0.81	1.15	1.15	1.15
	Overall Height (Rails up)	h4	m	2.18	2.36	2.32	2.44	2.58
	Overall Height (Rails down)	h3	m	1.78	1.93	1.78	1.92	2.04
	Platform Size (Length/Width)		m	1.67x0.74	2.27x0.81	2.27x1.12	2.27x1.12	2.27x1.12
	Platform Extension Size		m	0.9	0.9	0.9	0.9	0.9
	Ground Clearance (Lowered)		m	0.07	0.1	0.1	0.1	0.1
	Ground Clearance (Raised)		m	0.015	0.019	0.019	0.019	0.019
	Wheel Base		m	1.37	1.87	1.87	1.87	1.87
	Min. Turning Radius		m	1.75	2.2	2.5	2.5	2.5
Performance	Lifting Motor		V/kw	24V/3.0kw	24V/3.3kw	24V/4.5kw	24V/4.5kw	24V/4.5kw
	Drive Motor		V/kw	24V/3.0kw	24V/3.3kw	24V/4.5kw	24V/4.5kw	24V/4.5kw
	Travel Speed (Stowed)		km/h	3.8	3.2	3.2	3.2	3.2
	Travel Speed (Raised)		km/h	0.8	0.8	0.8	0.8	0.8
	Up/Down Time		s	20/32	32/35	27/36	48/48	80/60
Others	Batteries		V/Ah	4x6V/220Ah	4x6V/232Ah	4x6V/232Ah	4x6V/232Ah	4x6V/280Ah
	Integrated Charger		Ah	24V/30Ah	24V/30Ah	24V/30Ah	24V/30Ah	24V/30Ah
	Gradeability		%	25	25	25	25	25
	Max. Working Slope (Indoor)		°	1.5/3.0	1.5/3.0	2/3	2/3	1.5/3.0
	Tires		Φmm	305x100	381x127	381x127	381x127	381x127
	Total Weight		kg	1485	2275	2655	2990	2925



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