

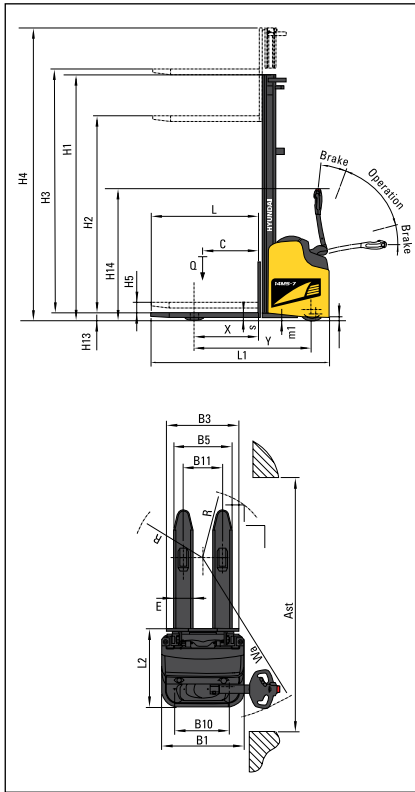


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# 14MS(L)-7 16MS(L)-7

WAREHOUSE EQUIPMENT Electric stacker

## DIMENSIONS



## DETAIL



## MAST SPECIFICATIONS

14-16 MS-7 Mast Ref. dimensions in mm		Lift Height		Overall Height		Residual capacity	
		Max h3	Free lift h2	Lowered h1	Extended h4	14MS-7	16MS-7
Simplex	S 15	1505	1505	1930	1944	1400	1600
	S 17	1755	1755	2180	2194	1400	1600
	D 29	2935	-	1930	3374	1350	1400
Duplex	D 34	3435	-	2180	3874	1100	1150
	D 38	3835	-	2380	4274	900	950
	D 43	4335	-	2630	4774	770	820
Free lift duplex	DLL 29	2930	1505	1930	3369	1350	1400
	DLL 34	3430	1755	2180	3869	1100	1150
	DLL 38	3830	1955	2380	4269	850	900
Triplex	DLL 43	4330	2205	2630	4769	720	770
	T 42	4255	-	1989	4776	750	800
	T 48	4855	-	2189	5376	550	600
Free lift triplex	TLL 42	4245	1465	1889	4701	700	750
Free lift triplex	TLL 47	4725	1625	2049	5181	550	550

14-16 MSL-7 Mast Ref. dimensions in mm		Lift Height		Overall Height		Residual capacity	
		Max h3	Free lift h2	Lowered h1	Extended h4	14MSL-7	16MSL-7
Simplex	S 15	1506	1506	1953	1960	1400	1600
	S 17	1756	1756	2203	2210	1400	1600
	D 29	2936	-	1953	3390	1300	1350
Duplex	D 34	3436	-	2203	3890	1050	1100
	D 38	3836	-	2403	4290	800	850
	D 43	4336	-	2653	4790	670	720
Free lift duplex	DLL 29	2931	1506	1953	3385	1250	1300
	DLL 34	3431	1756	2203	3885	1000	1050
	DLL 38	3831	1956	2403	4285	750	800
Triplex	DLL 43	4331	2206	2653	4785	620	670
	T 42	4256	-	2011	4799	720	720
	T 48	4856	-	2211	5399	500	520
Free lift triplex	TLL 42	4246	1466	1911	4723	670	670
Free lift triplex	TLL 47	4726	1626	2071	5203	470	500

## SPECIFICATIONS

Identification		14 MS(L) - 7	16 MS(L) - 7
1.1	Manufacturer	Hyundai	Hyundai
1.2	Type	14MS-7 / 14MSL-7	16MS-7 / 16MSL-7
1.3	Drive: electric (battery or mains), diesel, petrol, fuel gas, manual	Battery	Battery
1.4	Type of operation: hand, pedestrian, standing, seated, order-picker	Pedestrian	Pedestrian
1.5	Load capacity (standard)	kg	1400
1.6	Load center distance	C mm	600
1.8	Load distance, fork face to track wheels (raised position)	X mm	687 - 848 / 808*
1.9	Wheelbase (drive axle to track wheels) raised / lowered	Y mm	1250 - 1492 / 1452*
<b>Weights</b>			
2.1	Service weight	kg	1140 - 1200*
2.2	Axle loading, loaded front / rear	kg	840 - 1700
2.3	Axle loading, unloaded front / rear	kg	640 - 500
<b>Wheels</b>			
3.1	Tires		Polyurethane
3.2	Tires size, front	mm	1 x (230 x 75)
3.3	Tires size, rear	mm	1 x (82 x 68)
3.4	Outrigger dimensions	mm	1 x (140 x 60)
3.5	Wheels, number front / rear (X = driven wheels)		1 x 1/4
3.6	Track width, front	B10 mm	529
3.7	Track width, rear	B11 mm	380
<b>Basic dimensions</b>			
4.2	Mast height (lowered)	h1 mm	1930 - 1953*
4.3	Free lift	h2 mm	-
4.4	Lift height (standard)	h3 mm	2933 - 2936*
4.5	Height with mast raised	h4 mm	3374 - 3390*
4.6	Initial lift	h5 mm	0 - 110*
4.9	Height of tiller in drive position (max)	h14 mm	750 / 1250
4.15	Height of forks (lowered)	h13 mm	85 - 86
4.19	Overall length	L1 mm	1910 / 2035*
4.20	Length to face of forks	L2 mm	761 / 846*
4.21	Overall width	B1 mm	800
4.22	Fork dimensions L x W x T	S x E x L mm	60 x 185 x 1150 - 60 x 185 x 1190*
4.24	Fork carriage width	B3 mm	700
4.25	Width over forks	B5 mm	565
4.31	Ground clearance, under mast	m1 mm	30
4.32	Ground clearance, centre of wheelbase	m2 mm	-
4.33	Aisle width for pallets 1000 x 1200 crossways (L x W)	Ast mm	2464 - 2653*
4.34	Aisle width for pallets 800 x 1200 lengthways (W x L)	Ast mm	2438 - 2567*
4.35	Turning radius (raised / lowered)	Wa mm	1588 - 1834*
<b>Performance data</b>			
5.1	Travel speed, loaded / unloaded	km / h	5,8 / 6
5.2	Lift speed, loaded / unloaded	mm / s	160 / 300
5.3	Lowering speed, loaded / unloaded	mm / s	280 / 220
5.8	Max. Gradient performance, loaded / unloaded	%	7 / 10
5.10	Service brake		Electromagnetic
5.11	Parking brake		Handle release
<b>Drive unit</b>			
6.1	Drive motor rating (S2 60 min)	kW	1,5
6.2	Lift motor rating at S3 10%	kW	3
6.3	Battery acc. To DIN43531 / 35 / 36, A, B, C		DIN43535-B
6.4	Battery voltage / nominal capacity	V / Ah	24 / 180 - 300
6.5	Battery weight (+/- 5%)	kg	160 - 250
<b>Other details</b>			
8.1	Type of drive control		Variator
8.4	Sound level at driver's ear (driving)	dB (A)	65

\*Only for models with initial lift

PLEASE CONTACT