

We build a better future



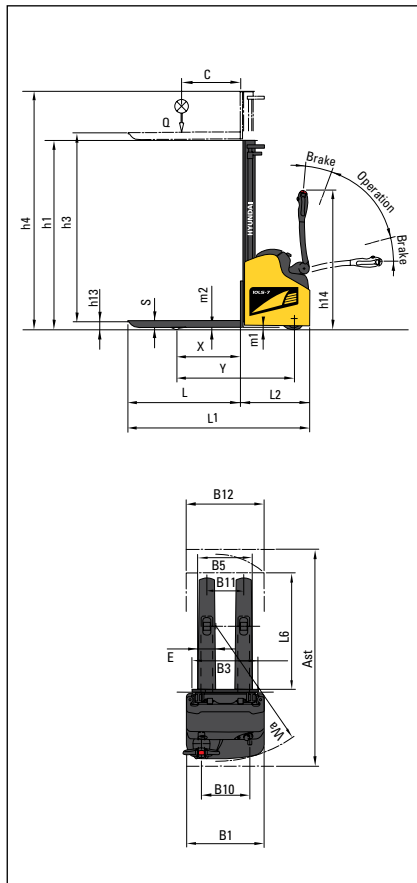
**10LS-7**

**12LS-7**

**14LS-7**

WAREHOUSE EQUIPMENT Electric stacker

## TECHNICAL DRAWING



## DETAIL



## MAST SPECIFICATIONS

Mast Ref. dimensions in mm		Lift Height		Overall Height	
		Max h1	Free lift h2	Lowered h3	Extended h4
Simplex	S 15	1940	1510	1510	1940
	S 17	2190	1760	1760	2190
Duplex	D 29	1940	-	2940	3365
	D 34	2190	-	3440	3865
	D 38	2390	-	3840	4265
	D 43	2640	-	4340	4765
Free lift duplex	DLL 29	1940	1510	2935	3365
	DLL 34	2190	1760	3435	3865
	DLL 38	2390	1960	3835	4265
	DLL 43	2640	2210	4335	4765
Free lift triplex	TLL 42	1965	1470	4240	4735

## SPECIFICATIONS

Identification		10 LS - 7	12 LS - 7	14 LS - 7	
1.1	Manufacturer	Hyundai	Hyundai	Hyundai	
1.2	Type	10LS-7	12LS-7	14LS-7	
1.3	Drive: electric (battery or mains), diesel, petrol, fuel gas, manual	Battery	Battery	Battery	
1.4	Type of operation: hand, pedestrian, standing, seated, order-picker	Pedestrian	Pedestrian	Pedestrian	
1.5	Load capacity (standard)	kg	1000	1200	1400
1.6	Load center distance	C mm	600	600	600
1.8	Load distance, fork face to track wheels (raised position)	X mm	723	723	723
1.9	Wheelbase (drive axle to track wheels) raised / lowered	Y mm	1285	1245	1245
<b>Weights</b>					
2.1	Service weight	kg	870	874	920
2.2	Axle loading, loaded front / rear	kg	709 / 1161	729 / 1342	783 / 1537
2.3	Axle loading, unloaded front / rear	kg	609 / 261	612 / 262	644 / 276
<b>Wheels</b>					
3.1	Tires		Polyurethane	Polyurethane	Polyurethane
3.2	Tires size, front	mm	1 x (230 x 75)	1 x (230 x 75)	1 x (230 x 75)
3.3	Tires size, rear	mm	1 x (78 x 78)	1 x (82 x 70)	1 x (82 x 70)
3.4	Outrigger dimensions	mm	1 x (125 x 50)	1 x (125 x 50)	1 x (125 x 50)
3.5	Wheels, number front / rear (X = driven wheels)		1 x 1/2	1 x 1/4	1 x 1/4
3.6	Track width, front	B10 mm	517	517	517
3.7	Track width, rear	B11 mm	380	380	380
<b>Basic dimensions</b>					
4.2	Mast height (lowered)	h1 mm	see mast specifications		
4.3	Free lift	h2 mm	see mast specifications		
4.4	Lift height (standard)	h3 mm	see mast specifications		
4.5	Height with mast raised	h4 mm	see mast specifications		
4.6	Initial lift	h5 mm	-		
4.9	Height of tiller in drive position (max)	h14 mm	1425	1425	1425
4.15	Height of forks (lowered)	h13 mm	90	90	90
4.19	Overall length	L1 mm	1870	1870	1870
4.20	Length to face of forks	L2 mm	720	720	720
4.21	Overall width	B1 mm	800	800	800
4.22	Fork dimensions L x W x T	S x E x L mm	75 x 180 x 1150	75 x 180 x 1150	75 x 180 x 1150
4.24	Fork carriage width	B3 mm	680	680	680
4.25	Width over forks	B5 mm	560	560	560
4.26	Width between carrying arms (min / max)	B4 mm	-	-	-
4.31	Ground clearance, under mast	m1 mm	35	35	35
4.32	Ground clearance, centre of wheelbase	m2 mm	20	20	20
4.33	Aisle width for pallets 1000 x 1200 crossways (L x W)	Ast mm	-	-	-
4.34	Aisle width for pallets 800 x 1200 lengthways (W x L)	Ast mm	2200	2200	2210
4.35	Turning radius (raised / lowered)	Wa mm	1400	1400	1410
<b>Performance data</b>					
5.1	Travel speed, loaded / unloaded	km / h	4,8 / 5	4,7 / 5	4,6 / 5
5.2	Lift speed, loaded / unloaded	mm / s	140 / 240	120 / 240	100 / 240
5.3	Lowering speed, loaded / unloaded	mm / s	300 / 200	300 / 200	300 / 200
5.8	Max. Gradient performance, loaded / unloaded	%	8 / 10	8 / 20	7 / 10
5.10	Service brake		Electromagnetic	Electromagnetic	Electromagnetic
5.11	Parking brake		Handle release	Handle release	Handle release
<b>Drive unit</b>					
6.1	Drive motor rating (S2 60 min)	kW	1	1	1
6.2	Lift motor rating at S3 10%	kW	3	3	3
6.3	Battery acc. To DIN43531 / 35 / 36, A, B, C		Traction	Traction	Traction
6.4	Battery voltage / nominal capacity	V / Ah	24 / 180 - 240	24 / 180 - 240	24 / 180 - 240
6.5	Battery weight (+/- 5%)	kg	180 - 240	180 - 240	180 - 240
<b>Other details</b>					
8.1	Type of drive control		Sepex Variator	Sepex Variator	Sepex Variator
8.4	Sound level at driver's ear (driving)	dB (A)	65	65	65

PLEASE CONTACT